Message of the Vice Chancellor

It’s a pleasure to welcome you at the 7th Open house of University Institute of Information Technology PMAS – Arid Agriculture University Rawalpindi. I congratulate the faculty and students of UIIT for holding such an impressive event. Open house provides an opportunity to establish a linkage between industry and academia. We are committed to the philosophy that we advance our IT community by sharing positive and proven ideas and experiences. Open House is an exposition for employers, recruiters, and institute to meet with future IT professionals. I feel extremely fortunate to belong to a culture, focused on student achievements, a commitment to high expectations, collaboration, and teamwork. It is my utmost intention to carry on these important traditions and practices, while helping to create a warm, caring, and safe environment where our youth have the opportunity to reach their highest potential.

Being an Agricultural University, it is our duty to facilitate our farmers and agriculture scientists. The agriculture sector is the largest consumer of the information technology, unfortunately we are lagging behind in the use of IT applications in our agriculture sector, therefore, I advise the faculty and students of UIIT to put more focus on developing agriculture related applications. I am glad that already some agriculture related projects have been developed by our students, but still a lot have to do in this regard.

The open House exhibition is an opportunity for the students to display their skills in front of IT industry experts. We are committed to preparing our students to work, acquire skills and enhance their capabilities that equip them adequately to live in the rapidly changing global environment. I wish our computer science and IT graduates every success in their future endeavors.

Prof. Dr. Rai Niaz Ahmad
Vice-Chancellor
Director’s Message

The Open House is the mega event of its type to showcase the talent of aspiring students and acknowledge the dedication and hard work of my faculty. On this special occasion we are also holding the 5th Open House. I proudly hold that at this open house, the wealth of young talent of institute has been brought to contest in academia and industry. The academia and industry together join hands in polishing and displaying the outputs of our students. For this collaboration, I am thankful to them. Moreover, the honorable faculty is worth thanks giving for enhancing students skills into diverse and adaptable knowledge workforce for the country.

Today growing industry needs constant input in the form of new talent. Events like these, not only pave way for provision of qualified human resource but also serves as a platform for the students and industry to share knowledge. The mutual interactions of graduates with industry representatives not only influence their vision but are also the beginning of an intense drive towards career enhancement and competition. With this vision, I am honored to present this catalogue to the audience of academia and industry. The catalogue is a representative of document containing Project description work of graduate students.

At the end I wish that my students serve as brand ambassadors of goodwill for institute and for the country. I therefore, thank all participants from academia and industry, visitors and my faculty members for supervising and making this event a success.

Dr. Mubashir Riaz
Director
UIIT, PMAS Arid Agriculture University
Rawalpindi.
Message of Coordinator

It is an immense pleasure for me a faculty of UIIT to host the 7th Open House 2014. I warmly welcome you on behalf of organizing committee and wish to extend my thanks to all participants, supervisors and industry representatives in this exciting event of Open House 2014. I must congratulate the conveners and members of organizing committees who made this event a success story in a very short span of time.

The Open House 2014 is another important landmark and a step forward in history of UIIT. We shall continue to work to-gather for the betterment of IT profession by sharing our knowledge and experience. It is a golden opportunity for the employers / recruiters to meet the hundreds of future IT professionals under one roof. We at UIIT are committed to equip our students with the classical / modern knowledge of computer science / IT and provide them an environment to furnish their practical skills. It is our vision to produce quality IT professionals, who must be able to fulfill the industry needs, by the grace of Almighty our graduates are getting a very good share in the job market of IT.

Finally, I hope that the projects displayed by our students at the Open House 2014 will attract the attention of IT industry professionals and provide them a chance to have some very good software developers on their pool. I wish all our graduating students for a successful future in the field of computer science / IT. Once again, I pay my heartiest gratitude to the members of organizing committee and all participants of Open House 2014.

Nasir Mehmood Minhas
Assistant Professor
UIIT, PMAS Arid Agriculture University Rawalpindi.
OPEN HOUSE 2014
ORGANIZING COMMITTEE

Core Committee
• Prof. Dr. Rai Niaz Ahmed (Patron In Chief)
• Dr. Mobushir Riaz Khan (Patron)
• Mr. Nasir Mehmood Minhas (Coordinator)

In house arrangement committee
• Dr. Mamoona Hamayun (Convenor)
• Ms. Bushra Hamid (Member)
• Ms. Sarfraz Bibi (Member)
• Mr. Ehtsham Azhar (Member)

Liaison Committee
• Mr. Yasir Hafeez (Convenor)
• Mr. Saif Ur Rehman (Member)
• Mr. Saleem Iqbal (Member)
• Mr. M. Shabbir Hassan (Member)

Sponsorship Committee
• Mr. Saqib Majeed (Convenor)
• Mr. Mushhad Gilani (Member)
• Mr. Tariq Ali (Member)
• Mr. Muhammad Jaffar (Member)

Discipline Committee
• Mr. Ghulam Mustafa (Incharge)
• Mr. M. Azhar Manzoor (Member)
• Mr. Asif Nawaz (Member)
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BS(CS)
Morning
Account Management System for IT-EYE Solution

Degree Program: BS (CS)
Supervisor Name: Mehtab Alam

Problem Statement
IT-eye-solution is a company which provides courier service to its customers. The developed application handle all the accounts of companies and customers, providing facilities to its customers on cash or credit.

Proposed Solution

Tools and Technologies
- Java,
- Eclipse
- MySQL

Salient Features
- Manage the temporary users and Company order information,
- Ledgers
- Trading Account,
- Profit and Loss account
- Income Statement,
- Balance Sheet.

<table>
<thead>
<tr>
<th>Registration #</th>
<th>Student Name</th>
<th>Email-id</th>
<th>Contact #</th>
<th>Academics Details</th>
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<tr>
<td>10-arid-149</td>
<td>Sana Saeed</td>
<td><a href="mailto:sana-saeed1@hotmail.com">sana-saeed1@hotmail.com</a></td>
<td>0333-5627620</td>
<td>UG Student</td>
<td>Java</td>
</tr>
<tr>
<td>10-arid-160</td>
<td>Syed Hassan Askari</td>
<td><a href="mailto:haskari@live.com">haskari@live.com</a></td>
<td>0313-5655314</td>
<td>UG Student</td>
<td>Java Expert</td>
</tr>
</tbody>
</table>
Address and Route Guider (AARG)

Degree Program: BS(CS)
Supervisor Name: Mehtab Alam

Project Description

This system provides an easy way for users to share their locations with one another using google map. User first sets his location on google map and then shares it with his friends. System provides not only optimal route for user to reach his friends location but also local transport routes.

Proposed Solution

Features

- Eclipse
- Android development kit
- Google API v2
- Restful Service using JSON

Salient Features

- Google Maps (API key)
- Manage Friends
- Search Location
- Share Location
- Optimal Route for locations
- Local Transport Routes

<table>
<thead>
<tr>
<th>Registration #</th>
<th>Student Name</th>
<th>Email-id</th>
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<tbody>
<tr>
<td>10-arid-136</td>
<td>Nouman Bashir</td>
<td><a href="mailto:nouman.bashir136@gmail.com">nouman.bashir136@gmail.com</a></td>
<td>+923315166653</td>
<td>UG Student</td>
<td>C++, C#, Java, Database, Asp.net, Web development.</td>
</tr>
<tr>
<td>10-arid-155</td>
<td>Shiraz Ali</td>
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<td>+923455222792</td>
<td>UG Student</td>
<td>C++, C#, Java, Database, Asp.net, Web development,</td>
</tr>
</tbody>
</table>
Automated Mini ISP

Degree Program: BS(CS)
Supervisor Name: Mehtab Alam

Problem Statement
All in One Config Manager, which will eliminate the use of network engineer in an ISP as this app will automate the ISP and configure all the servers by itself. Network Monitoring is Web based application that monitor the network e.g. Users, Online Users, Profile e.g. 1 MB 2 MB etc, Groups, Invoices etc.

Proposed Solution

Features
- Windows, Linux, Mikrotik OS platform
- Visual Studio 2010, MySQL

Salient Features
- Configuring Servers with the help of App with less time and no effort
- Eliminate the need of Network Engineer in a Network
- Alert for down time of servers
- Alert for paid and unpaid invoices using SMS
- Monitoring using Web application
- Cache Content will be provided with full speed (without profile limit e.g. 1mb)
- Block Ads to save bandwidth
- Media Server to Include necessary softwares, OS and videos to save bandwidth

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<tr>
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<th>Experience/skills</th>
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<tr>
<td>10-arid-152</td>
<td>Shafqat Farhan</td>
<td><a href="mailto:farhan5260204@gmail.com">farhan5260204@gmail.com</a></td>
<td>+923135260204</td>
<td>Network Engr at F.R.I.S WIFI (PVT.) LTD</td>
</tr>
</tbody>
</table>
Biometric Attendance System

Degree Program: BS(CS)

Supervisor Name: Mehtab Alam

Project Description:

Biometric Attendance system takes fingerprint of user and after verification of all the constraints, it is stored in the SQL database and attendance is marked. Stored attendance is uploaded on the web portal.

Problem Statement:

A great chance of proxies is present in taking the attendance manually. Though to do this correctly, we need to make an automated system, in which time is saved and 0% chance of proxies present.

Proposed Solution:

![Diagram](image)

Tools and Technologies:

- **Tools:**
  - Visual Studio 2013
  - Rational Rose
  - SQL Management Studio
- **Technology:**
  - C#
  - Asp .net

Salient Features:

- Marking student’s attendance
- Marking teacher’s attendance,
- Updating student attendance
- Displaying Students Attendance,
- Displaying Timetable of specific course,
- Specific day and full timetable to both teacher and student,
- Importing excel or access format timetables and storing the data in SQL table.

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<tr>
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<td>135</td>
<td>Nazish Naheed</td>
<td><a href="mailto:nazish.naheed@gmail.com">nazish.naheed@gmail.com</a></td>
<td>03365284203</td>
<td>BSCS</td>
<td>C#.Asp .net,C++ System Programming</td>
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<td>148</td>
<td>Sana Afzal</td>
<td><a href="mailto:sanaafzal2292@yahoo.com">sanaafzal2292@yahoo.com</a></td>
<td>03128357215</td>
<td>BSCS</td>
<td>C#.Asp .net,C++ OOP</td>
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<tr>
<td>134</td>
<td>Nayab Naveed</td>
<td><a href="mailto:naya.naveed@gmail.com">naya.naveed@gmail.com</a></td>
<td>03475175647</td>
<td>BSCS</td>
<td>C#.Asp .net,OOP UML</td>
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</table>
Crime Analysis and Mining

Degree Program: BS(CS)

Supervisor Name: Mehtab Alam

Problem Statement:
Our police departments have sufficient crime data but problem is that there exist no proper mechanism for analyzing the crime situation.

Proposed Solution:

Tools and Technologies:
- PHP
- Code Lobster(MVC)

Salient Features:
- Insertion of new crime reports and situations on daily basis.
- Manipulation of crime records.
- Use of maps and graphs to visualize the situation.
- Crime records to be retrieved in categorized form.e.g: by Date.

<table>
<thead>
<tr>
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<th>Contact #</th>
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<tr>
<td>10-arid-145</td>
<td>Sadia Rashid</td>
<td><a href="mailto:sadia0668@gmail.com">sadia0668@gmail.com</a></td>
<td>03425186679</td>
<td>Graduation (BSCS)</td>
<td>Php C#, C++</td>
</tr>
<tr>
<td>10-arid-169</td>
<td>Zainish Ellahi Chaudhery</td>
<td><a href="mailto:zainiizaini@gmail.com">zainiizaini@gmail.com</a></td>
<td>03415606980</td>
<td>Graduation (BSCS)</td>
<td>Php C++</td>
</tr>
</tbody>
</table>
Digitalized Electroid Campaign

Degree Program: BS(CS)

Supervisor Name: Muhammad Jafer

Problem Statement

In our society, most of the people complain about their interaction with their politicians. Some people even don’t know about the politicians in their or other constituency.

Proposed Solution

We have provided an interface to both public and politicians for communication in the form of text notifications, video, messages, articles and events they organizing i.e. convention etc. On the other hand public using their android mobile can search politicians with reference to constituency, parties, cities and view their latest alert and provide feedback.

Tools and Technologies

- **Technologies:** Android, Asp.net, MSSQL, WCF
- **Tools:** Eclipse SDK, Visual Studio 2012, MS SQL Server 2012

<table>
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<th>Email-id</th>
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<tr>
<td>10-arid-128</td>
<td>Muhammad Taqi Hassan Bukhari</td>
<td><a href="mailto:taqi.official@gmail.cm">taqi.official@gmail.cm</a></td>
<td>0345 597679</td>
<td>2.74</td>
<td>J2SE, Asp.net, MSSQL, Android, HTML5, CSS, AssemblyX86, PHP</td>
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<tr>
<td>10-arid-110</td>
<td>Maaz Mohsin</td>
<td><a href="mailto:mz5881@gmail.com">mz5881@gmail.com</a></td>
<td>0331 5791799</td>
<td>2.82</td>
<td>J2SE, Android, AssemblyX86, Desktop Applications</td>
</tr>
<tr>
<td>10-arid-115</td>
<td>Ahsan Aziz</td>
<td><a href="mailto:dani.jatt543@gmail.com">dani.jatt543@gmail.com</a></td>
<td>0331 5567230</td>
<td>2.44</td>
<td>J2SE, Asp.net, HTML, Css</td>
</tr>
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</table>
Face Detection & Recognition Attendance System

Degree Program: BS(CS)
Supervisor Name: Mehtab Alam

Project Description:  
Face detection system will accurately determine the locations and sizes of all possible human faces. These faces are then scaled to a recognizable size and passed to a face recognition system implemented that can accurately determine the identity of a person.

Problem Statement  
Manual attendance taking has its limitations. It is well enough for 30-60 students but when it comes to large number of students, it becomes difficult.

Proposed Solution

![Diagram of the proposed solution]

Tools and Technologies
- Microsoft Visual Studio 2010
- OpenCV
- Rational Rose and Microsoft SQL Server

Salient Features
- Face detection
- Face Training
- Face Recognition and Marking Attendance

<table>
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<tr>
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<th>Email-id</th>
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<tr>
<td>09-ARID-493</td>
<td>Adnan Zafar</td>
<td><a href="mailto:uiit_friends@yahoo.com">uiit_friends@yahoo.com</a></td>
<td>0341327 1484</td>
<td>UG student</td>
<td>.net, OpenCV</td>
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<tr>
<td>09-ARID-564</td>
<td>Syed Hassan Ali</td>
<td><a href="mailto:Captainunited20@gmail.com">Captainunited20@gmail.com</a></td>
<td>0344514 9577</td>
<td>UG student</td>
<td>.net, OpenCV</td>
</tr>
</tbody>
</table>
FYP Portal for UIIT

Degree Program: BS(CS)
Supervisor Name: Mehtab Alam

Project Description

Problem Statement:
University does not maintain records of final year projects in an efficient way due to which required data is not available timely. If someone needs help related to any topic they do not find that project easily with proper coding and documentation.

Proposed Solution:
We have automated the system to maintain the records of final year projects of previous students in an efficient and proper way. We have built a web based application where user is able to login and download the required project. We have automated system which maintain the records of FYP.

Tools and Technologies:
- .NET Framework 4.0
- c#

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<td>10-arid-87</td>
<td>Atika Ejaz</td>
<td><a href="mailto:aatikaejaz@yahoo.com">aatikaejaz@yahoo.com</a></td>
<td>0336 5479676</td>
<td>Under Graduate</td>
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<td>10-arid-102</td>
<td>Huma Faisal</td>
<td><a href="mailto:humafaisal10@yahoo.com">humafaisal10@yahoo.com</a></td>
<td>0331 5026756</td>
<td>Under Graduate</td>
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<td>Asp.net</td>
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Svoipfy (GSM call Router)

Degree Program: BS(CS)
Supervisor: Muhammad Jafer

Project Description:
Svoipfy is a VOIP based system which transfers GSM (Global Standard For Mobile Communication) calls to other devices connected to the internet. The project will help to transfer both ringing and calls to other devices connected to the internet such as soft phones.

Problem Statement:
Forwarding calls from GSM to GSM is expensive and have geographical constraints.

Problem Solution:
Forwarding an incoming call on android phone to Internet because internet is less costly and available nearly everywhere, so the best properties of GSM and the Internet is used.

<table>
<thead>
<tr>
<th>Registration #</th>
<th>Name</th>
<th>Email</th>
<th>Contact #</th>
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<td>10-Arid-90</td>
<td>Azmat karimKhan</td>
<td><a href="mailto:akks912945@gmail.com">akks912945@gmail.com</a></td>
<td>0342-5177351</td>
<td>BSCS ICS</td>
<td>Android, Java, Php, MySQL, Wordpress</td>
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<tr>
<td>10-Arid-120</td>
<td>M.Husnain Tahir</td>
<td><a href="mailto:husnaintahir@gmail.com">husnaintahir@gmail.com</a></td>
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<td>Android, Java, Php</td>
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<tr>
<td>10-Arid-123</td>
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<td><a href="mailto:Kamrann123@gmail.com">Kamrann123@gmail.com</a></td>
<td>0323-5438127</td>
<td>BSCS DAE(Electronics)</td>
<td>Android, Java, Php</td>
</tr>
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MacRoid

Degree Program: BS(CS)
Supervisor Name: Mehtab Alam

Project Description
MacRoid extends the control of your android device and its capabilities, by helping users in saving battery life.

Problem Statement
One of the biggest struggles of the people have with their Android and other mobile devices is their battery life. That is why there are so many apps on Android Market that aims to save the battery. One of the easiest ways to save your batter life is to turn off stuff like WhatsApp, Viber and other such applications when you are not using them, and the problem lies in remembering to turn these features off and having to go through the hassle of turning them back on when they are needed.

- Proposed Solution:

- Tools and Technologies:
  - Eclipse
  - Android SDK
  - Microsoft Word
  - Rational Rose

- Salient Features:
  - Display list of running applications
  - Set battery level
  - Kill processes by marking, auto kill processes by setting preferences
  - Display battery consumption at that time.

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<td>10-ARID-101</td>
<td>Hira Nawaz</td>
<td><a href="mailto:hiranawaz253@gmail.com">hiranawaz253@gmail.com</a></td>
<td>0336-5370490</td>
<td>BS(CS)-last semester CGPA 3.4</td>
<td>Android Java</td>
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<tr>
<td>10-ARID-083</td>
<td>Arshia Gull</td>
<td><a href="mailto:arshiaagull@rocketmail.com">arshiaagull@rocketmail.com</a></td>
<td>03345466 185</td>
<td>Bs(CS)-last semester</td>
<td>Android Java</td>
</tr>
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</table>
ONLINE ADMISSION SYSTEM

Degree Program: BS(CS)
Supervisor Name: Mehtab Alam

Problem Statement:
Manual system of admission and registration is expensive and time consuming.

Proposed Solution:
We have provided online admission and registration process.

- Tools and Technologies:
  o Visual Studio 2010
  o MS SQL Server 2008
  o Rational Rose

- Salient Features:
  o Login, User Registration
  o Candidate Registration
  o Online Application Submission
  o Application Status update
  o Email updates, Merit List
  o Application Fee submission verification (Bank)
  o Campus Registration
  o Department Registration
  o Program Registration

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<td>M_Junaid Nazar</td>
<td><a href="mailto:junaid_it63@yahoo.com">junaid_it63@yahoo.com</a></td>
<td>0333-5245538</td>
<td>BSCS: 3.04 CGPA DAE (IT) Matric</td>
<td>Asp.net, Java</td>
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<tr>
<td>10-arid-105</td>
<td>Jannat Khatoon</td>
<td><a href="mailto:jannatkashmiri@yahoo.com">jannatkashmiri@yahoo.com</a></td>
<td>0312-4038239</td>
<td>BSCS: 3.11 CGPA FSC(Pre-Engr) Matric</td>
<td>Asp.net Uml diagrams</td>
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<tr>
<td>10-arid-99</td>
<td>Haroona Ejaz</td>
<td><a href="mailto:Haroona_bscs@yahoo.com">Haroona_bscs@yahoo.com</a></td>
<td>0334-5011399</td>
<td>BSCS: 3.21 CGPA FSC (Pre-Med) Matric</td>
<td>Asp.net Uml diagrams</td>
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</table>
Multi-Camera Person Detection and Tracking  
(MC-PDT's)

Degree Program: BS(CS)  
Supervisor Name: Muhammad Jafer

Project Description

MC-PDT’S is an Automatic Tracking and Identification facility that identifies groups of people captured by the camera(s) to detect and track in a crowded scene. PDT’S, combine evidence using the homographic constraint captured by multiple cameras from multiple angles and at high resolutions.

PDT’S quantifies them using an algorithm. This Algorithm is known as Voila and Jones detection algorithm.

Problem Statement

Tracking people in Multi Camera environment.

Proposed Solution

MC-PDT’s combined face Identification and Tracking into a single framework they provide better results by sharing information.

Tools and Technologies

- Matlab.
- Rational Rose.
- XML Technologies
- 3-tier architecture

Salient Features

- MC-PDT’s delivers the Security that today's organizations need. It provides tracking suspect to make better decisions on identifying any human.

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<td>MATLAB, C# Java, Asp.net PHP, JSP, SQL, Assembly, C</td>
</tr>
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<td>0322-8523662</td>
<td>BSCS(UIIT) ICS.</td>
<td>MATLAB, C# Java, Asp.net PHP, JSP, SQL, Assembly, C</td>
</tr>
</tbody>
</table>
Degree Program: BS (CS)
Supervisor Name: Mehtab Alam

Project Description
Sphano is photography based app which captures images and stitch them to make panorama and let the user convert them in to 2D (Planet) and 3D (Spherical) view.

Problem Statement:
It is difficult to capture multiple dimensions at a time. To do this we have to capture multiple images.

Proposed Solution:
Sphano will capture multiple images and stitch them to make panorama. This panorama can easily be converted into 2D (Plane) and 3D (Spherical).

Tools and Technologies:

Salient Features:
- Capture Panorama, 2D Plane Conversion, 3D Spherical Conversion, Saving using Multiple Extensions, Sharing

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<td>Undergraduate student</td>
<td>Java, Asp.Net, OpenCV, Android</td>
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<td>0315-5359714</td>
<td>Undergraduate student</td>
<td>Java, Asp.Net, OpenCV, Android</td>
</tr>
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</table>
GSM Complaint System

Degree Program: BS(CS)
Supervisor Name: Mehtab Alam

Project Description

This Web based application is used to monitor the user complaints and also handle these complaints. It will help reduce response time and improve performance of company.

Problem Statement

People use manual complaints and suggestions systems and record all the complaints manually through a lengthy process, and it takes days to solve a problem which was not acceptable.

Proposed Solution

- Tools and Technologies:
  - Visual Studio 2013
  - SQL Server 2012
  - SAP Crystal Reports
  - Dot Net Framework 4.5

- Salient Features:
  - Automate the old manual complaints and suggestion system
  - Improve security level, and only allow the concerned department and person to access the complaints data.
  - Minimize the Response time of complaints
  - Customer satisfaction and make system more reliable

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<td>0332-5265229</td>
<td>Under Graduate</td>
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</table>
SOCIOGON (Multi Services Widget)

Degree Program: BS(CS)
Supervisor Name: Mehtab Alam

Project Description

Our Android application “SOCIOGON” is designed to facilitate the user to view, update and manage his social network profiles i.e. Facebook, Twitter, LinkedIn, Gmail through a single widget provided on home screen. Moreover, the application will also notify the user of a new SMS or missed call beside the social networks.

- **Proposed Solution**

- **Tools and Technologies**
  - Android platform, Eclipse, Adobe Photoshop CS3
  - Facebook SDK for android, Twitter4j, Gmail public label API, LinkedIn j-android API.

- **Salient Features**
  - Facebook Login
  - Status Updates
  - Query Notifications
  - Notification Alerts
  - New message Alerts
  - Twitter Login
  - Post Tweet
  - New Tweet alerts
  - View Tweets
  - New SMS alerts
  - LinkedIn status updates
  - Viewing LinkedIn messages
  - Missed Calls alerts.

<table>
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<td>Android Development</td>
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<td>0334-5066987</td>
<td>BS-CS 8th Sem ICS 70% Matric 57%</td>
<td>Java Development</td>
</tr>
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</table>
SPY ASSISTANT

Degree Program: BS(CS)
Supervisor Name: Mehtab Alam

Project Description:
Spy Assistant contains some new features that are important but to date has not been addressed adequately. It will facilitate the user to record audio and video without being noticed by surroundings. It also provides facility to the user to send an emergency message and initiate a hidden call by just tapping a widget on the home screen.

Problem Statement:
While using smart phones, people want to record the talk or video secretly without the consent of the person they are talking. Sometimes, they need to do an emergency message or call.

Proposed Solution:

Tools and Technologies
- Android SDK and Eclipse

Salient Features
- Hidden audio and video recording
- Hidden call
- Hidden SMS
- Secure recordings from other users by hiding from SD card

<table>
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<tr>
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<td>BS(CS) CGPA 3.41</td>
<td>C++, J2SE, PHP, J2EE, Android</td>
</tr>
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</table>
Subordinate Activity Tracker

Degree Program: BS (CS)
Supervisor Name: Mehtab Alam

Project Description
This application is intended to keep track of the subordinates and their activities by sending their official cell phones logs to the web portal.

Problem Statement
Many organizations provide mobile phones to their employees for official use but there exist no mechanism to ensure that these mobiles are being used properly.

Proposed Solution

Tools and Technologies
- Eclipse Android development
- Android sdk
- SQL lite database
- Google Maps Api
- Neat bean for J2EE
- Wamp server

Salient Features
- Maintains and sends following logs to server (new and deleted)
  - SMS logs
  - Call logs
  - Web Browser logs
  - Contacts logs
  - Picture logs
  - Location logs
  - Installed apps

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<td>BS(CS) CGPA2.99</td>
<td>Java(JEE,JSE), Android development, web designer, ASP.Net, UML designing</td>
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<td><a href="mailto:sarawaheed91@yahoo.com">sarawaheed91@yahoo.com</a></td>
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<td>BS(CS) CGPA3.18</td>
<td>Java(JEE,JSE), Android development, web designer, ASP.Net, Internship(Ifkaar)</td>
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<td>BS(CS) CGPA3.1</td>
<td>Java(JEE,JSE), Android development, Internship(Ifkaar)</td>
</tr>
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</table>
Tele-Psychiatrist Web Application

Degree Program: BS(CS)
Supervisor Name: Mehtab Alam

Project Description
The System provides an easy way of communication among users who are apart from each other. Patient’s suffering with mental health problems; consult with the psychiatrist in order to get appropriate mental health treatment while residing at various geographic locations. Tele app provides users to communicate with each other by Different ways like text Chatting, email, and Video call facility.

Proposed Solution

Features
- .net framework 4.5.
- Web RTC (Real Time Communication).
- Html5, Css, Javascript.

Salient Features
- Managing separate Video Call Sessions of appropriate duration.
- Providing Text Chat Facility to the user.
- Sending notifications through email.
- Searching for appropriate Psychiatrist from the Registered List.
- Making and Handling of Appointment according to various perspectives.
- Invoice generation at end of each Session.
- Maintaining Medical Record History against each patient.
- Hosting in LAN.

<table>
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<td>C#, Asp.net</td>
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<td>03228264756</td>
<td>UG Student</td>
<td>C#, Asp.net</td>
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Thief Sketcher

Degree Program: BSCS
Supervisor Name: Mehtab Alam

Problem Statement
This project provides facility to make a composite image form a library of face features. This will help an eye-witness of an incident to make the culprit face.

Features:
Extensive library of face features to build face from, filter out search, save or email the final image.

Tools and Techniques:
Android Development Tool (Eclipse)
Native Development Kit (NDK)
Open CV 2.4.8

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<td>Web development Php, Java &amp; Android Application development</td>
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<tr>
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<td>Under-Graduate Student</td>
<td>Web development Php, Java &amp; Android Application development</td>
</tr>
<tr>
<td>10-Arid-129</td>
<td>M. Usman Khan</td>
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<td>0303-5431431</td>
<td>Under-Graduate Student</td>
<td>Web development Php, Java &amp; Android Application development</td>
</tr>
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Tutela Monitoring System

Degree Program: BSCS
Supervisor Name: Mehtab Alam

Problem Statement
How to monitor sensors and control alarms remotely anywhere?

Proposed Solution

<table>
<thead>
<tr>
<th>Tools</th>
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<td>Android sdk</td>
<td>Apache Maven</td>
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<tr>
<td>Eclipse</td>
<td>JPA (Java persistence API)(Hibernate)</td>
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<td>Microsoft Visual Studio 2010</td>
<td>RESTful Webservice</td>
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<td>Windows Phone Sdk</td>
<td>MD5 Encryption</td>
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<td>Netbeans IDE</td>
<td>Google GSON library</td>
</tr>
<tr>
<td>Microsoft Sql Server</td>
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<td>MYSQL</td>
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</table>

Salient Features
- Developing this application in android and windows phone, basically fulfills the idea of providing remote access and control to the temperature of a particular place.
- Provides sensor values at various intervals of times.
- Provides visual representation of sensor data. Helps in controlling and acknowledging alarms if an alarm exceeds its limit

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<td>Java, C#(Asp.Net), Android</td>
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<td>UG Student</td>
<td>Android, C#, Windows</td>
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<td><a href="mailto:Sardarkhan299@gmail.com">Sardarkhan299@gmail.com</a></td>
<td>0312-5096991</td>
<td>UG Student</td>
<td>Android, C#, PHP</td>
</tr>
</tbody>
</table>
UIIT APP STORE

Degree Program: BS (CS)
Supervisor Name: Mehtab Alam

Project Description
“UIIT App Store” will be a place where all Apps regarding to Android, Java, IOS and window phones will be available. User can access the store from laptop, mobile or tablet.

Problem Statement
User wants to access and download all Android, Java, IOS and Window Apps under a single platform.

Proposed Solution

Tools and Technologies
- ASP.Net, MVC-2
- Visual C#, Microsoft SQL Server 2008

Salient Features
- Login, Register, Searching, Download App, Upload App, Review App, Maintain Account, Manage Apps, Manage Discussion Forum, Manage User, Manage Apps

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<td>BSCS FSC MATRIC</td>
<td>C++, Java, Dot Net, C#, SQL, HTML5, JSP</td>
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<td>051-5738074</td>
<td>BSCS ICS MATRIC</td>
<td>C++, Java, Dot Net, C#, SQL, HTML5, JSP</td>
</tr>
</tbody>
</table>
UIIT COLLABORATIVE FORUM

Degree Program: BS (CS)
Supervisor Name: Mehtab Alam

Problem Statement
To Facilitate the UIIT Students and Update each and every activity related to their Campus and by providing them secure community for UIIT Students.

Proposed Solution (use diagrammatical representation)
The UIIT Collaborative Forum (UCF) manage Students accounts, professors accounts, groups activities, class lectures updatation, Results updatation, assignments and quizzes marks, alert system.

- HTML
- AJAX
- SQL SERVER 2008

Salient Features
It provides a forum which facilitates UIIT students by providing them a secure community. User can manage his/her profile, posts, groups, notification etc. It also have the functionality to upload and download files and videos.

<table>
<thead>
<tr>
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<th>Email-id</th>
<th>Contact #</th>
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<tr>
<td>10-Arid-114</td>
<td>Muhammad Ahsan</td>
<td><a href="mailto:dashing_599@hotmail.com">dashing_599@hotmail.com</a></td>
<td>0324-5110552</td>
<td>Matric F.S.C</td>
<td>ASP.Net C#</td>
</tr>
<tr>
<td>10-Arid-125</td>
<td>Muhammad Rashid Ilyas</td>
<td><a href="mailto:Khayaali125@gmail.com">Khayaali125@gmail.com</a></td>
<td>0333-5889432</td>
<td>Matric F.S.C</td>
<td>ASP.Net C#</td>
</tr>
</tbody>
</table>
Virtual Doctor

Degree Program: BS (CS)
Supervisor Name: Mehtab Alam

Project Description
This project facilitates user to get diagnoses of disease by taking appointment through video call at home. Doctor can do checkups online.

Problem Statement
- Existing system is android app or website.
- User cannot visit hospital daily so it need of time to develop such kind of systems.

Proposed Solution:

Tools and Technologies
- Visual studio 2013 (server side)
- Eclipse (client side)
- Sqlyog (for database)
- C# (server side) and Java (client side)

Salient Features
- Patient can make appointment, get notification and communicate through VC.
- Doctor can maintain history of patient and diagnose disease, schedule appointments, can give prescription.

<table>
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<tr>
<td>10-arid-162</td>
<td>Tahira Kanwal</td>
<td><a href="mailto:tahira.kanwal70@gmail.com">tahira.kanwal70@gmail.com</a></td>
<td>0336-1116246</td>
<td>BSCS</td>
<td>Asp.net C++ and java.</td>
</tr>
<tr>
<td>10-arid-108</td>
<td>Komal Yasmin</td>
<td><a href="mailto:komalyasmin@live.com">komalyasmin@live.com</a></td>
<td>0341-7924507</td>
<td>BSCS</td>
<td>Asp.net, java and UML</td>
</tr>
</tbody>
</table>
Wireless ChatRoom (blueApp)

Degree Program: BS(CS)
Supervisor Name: Mehtab Alam

Project Description:
The application is made to bring about people for chatting without any GSM or internet, just with the help of wireless technology e.g. Bluetooth, in Android phones.

Proposed Solution:

Tools & Technology
- Android platform
- Eclipse, SQLite
- Adobe Photoshop CS3

Salient Features
- Profile Management of the users for their personal information.
- Creating the servers for handling the clients and server management.
- Searching for Chat Servers to connect for chatting.
- Managing the clients in the chatroom.
- Separate chats for users as private chats.

<table>
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<th>Academics Details</th>
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<tr>
<td>10-arid-138</td>
<td>Raja Muhammad Saad Bashir</td>
<td><a href="mailto:10arid138@gmail.com">10arid138@gmail.com</a></td>
<td>0305-6080008</td>
<td>UG Student</td>
<td>No Experience / Android, .Net and Java</td>
</tr>
</tbody>
</table>
Online Personal Assistant

Degree Program: BS (CS)

Supervisor Name: Muhammad Zeeshan

Project Description

This system help us manage different accounts at one place, view FB events, tweets, get FB feedback via FB comments, view your LinkedIn profile and connections, peoples can chat with you, people can schedule appointment with you.

- Problem Statement

The available systems are separated I provide many features at one place.

- Proposed Solution

- Tools and Technologies
  - MVC4 Asp.Net
  - Visual Studio 2012

- Salient Features
  - Login with system and external login (Google, Facebook, Twitter, and LinkedIn), Register Locally, Facebook Events, Tweets, LinkedIn Profile, Online Chat, Share Feature, Facebook Comments, and Event Management, Schedule Appointment through Google Calendar.

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<tr>
<td>09-ARID-531</td>
<td>M. Jamil Akhtar</td>
<td><a href="mailto:Jamil.bcs@gmail.com">Jamil.bcs@gmail.com</a></td>
<td>0342-8326515</td>
<td>MATRIC FSC</td>
<td>MVC4 Asp.Net, SQL, Java Script, Html5, CSS3, Boot Strap 3</td>
</tr>
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</table>
Curriculum Mapping

Degree Program: BSCS-8B
Supervisor Name: Muhammad Zeeshan

Project Description

“Curriculum Mapping” is basically a Web based tool. The system is developed to provide a solution to the universities about verifying their curriculum against the standardized curriculum of a particular program.

Proposed Solution

Proposed online web tool map the curriculum of universities according to the name of their courses and contents through semantic technology.

![Diagram of Curriculum Mapping System](image)

Tools and Technologies:

- java
- protégés
- NetBeans
- Ontologies, RDF, XML, UML

Salient Features

- Mapping through semantic
- Mapping among universities
- Mapping between universities
- Mapping with standardized curriculum

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<tr>
<td>10-ARID-244</td>
<td>Sherafgan</td>
<td><a href="mailto:Ch_sherafgan@yahoo.com">Ch_sherafgan@yahoo.com</a></td>
<td>03325203816</td>
<td></td>
<td>Java , J2se</td>
</tr>
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</table>
Cyber Agriculture Extension & Adaptive Research

Degree Program: BS (CS)
Supervisor Name: Zeeshan Javed

Project Description
The major and demanded features of this project is to provide a new, user friendly and easy modern system that should educate the farmers in their understandable Language, help them in their related domain problems and make them up-to-date about Daily market rates, daily weather updates, disease updates and new technologies through this web application and SMS alerts. Educate farmers through Videos lectures and related Magazines.

- Proposed Solution

- Tools and Technologies
  - ASP.NET in C# using Visual Studio 2010
  - SQL Server 2008

- Salient Features
  - SMS alert
  - Weather forecasting
  - Online videos Tutorials
  - Online Magazines
  - Daily market Rates.
  - Multi language Functionality.
  - Collect research work for university department through SMTP Server.
  - Online News about related domain.
  - A web based interface for farmer and admin for every sort of input.

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<tr>
<td>10-Arid-223</td>
<td>M. Nouman Khan</td>
<td><a href="mailto:mnoumanuaar@yahoo.com">mnoumanuaar@yahoo.com</a></td>
<td>0304-3487853</td>
<td>BS(CS)</td>
<td>1 year Experience in Web Designing &amp; .NET Development 1.5 year Lecturer Experience in College</td>
</tr>
<tr>
<td>10-Arid-246</td>
<td>Shoaib Anwar</td>
<td><a href="mailto:shoaib_cr7@hotmail.com">shoaib_cr7@hotmail.com</a></td>
<td>0323-7561498</td>
<td>BS(CS)</td>
<td>6 Months Experience in Web Designing &amp; .NET Development SQL SERVER</td>
</tr>
</tbody>
</table>
ELANCER

Degree Program: BS (CS)
Supervisor Name: Dr. Sohail Asghar

Project Description
“ELANCER” will be a place where Freelancers can search a job, get the job, and Employers can search a freelancer and post a job. User can access this web application from laptop, mobile or tablet.

Problem Statement
Risk of mismanagement and of data when the project is under development, Less Security, Fewer Users-Friendly.

Proposed Solution (use diagrammatical representation)

Tools and Technologies
- JEE (JSPs and Servlets), Apache Tomcat 7
- Netbeans 8.0, Wamp Server, MySql

Salient Features
- Responsive Design, Jobs, Bidding on Projects, User Registration, Skill(s) test, Payment, Search Jobs, Post a Job, Search contactor by name, skills and hourly rate, Contractor Profile Creation, Messages, Contractor profile view.

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<tr>
<td>10-ARID-267</td>
<td>Zia Ul Mustafa</td>
<td><a href="mailto:Zia_ul_mustafa@hotmail.com">Zia_ul_mustafa@hotmail.com</a></td>
<td>0335-0519229</td>
<td>BSCS FSC MATRIC</td>
<td>One Year experience in JEE(JSP)</td>
</tr>
<tr>
<td>10-ARID-196</td>
<td>Hafiz Waleed Zia</td>
<td><a href="mailto:hafizwaleedzia@hotmail.com">hafizwaleedzia@hotmail.com</a></td>
<td>0333-5716321</td>
<td>BSCS F.sc MATRIC</td>
<td>JSP, MySql, UML Design</td>
</tr>
</tbody>
</table>
Sentiment Book

Degree Program: BS (CS)
Supervisor Name: Zeshan Javaid

Project Description
Sentiments of peoples about anything have a great curiosity and everybody wants to know about that sentiment. For sake of this information they needs to visit different websites, blogs, articles and reading books that is a time consuming.

Proposed Solution:
Sentiment Book provides a single platform for those information seekers on micro blogging website “Twitter “through a single word. It will elaborate people’s sentiments in front of user on basis of tweets from Twitter.

Tools and Technologies:
- NetBeans
- MySql
- J2EE
- JQuery

Salient Features
- Data collection from twitter.
- Save collected data in repository
- Perform sentimental analysis on collected data.
- Present the analysis results

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<tr>
<td>10-Arid-219</td>
<td>M Imran Tahir</td>
<td><a href="mailto:Mimrantahir1991@gmail.com">Mimrantahir1991@gmail.com</a></td>
<td>0336-5090496</td>
<td>BSCS</td>
<td>JavaSE,J2EE,Database</td>
</tr>
<tr>
<td>10-Arid-262</td>
<td>Waqas Ahmed</td>
<td><a href="mailto:Waqasahmed138@yahoo.com">Waqasahmed138@yahoo.com</a></td>
<td>0320-5011089</td>
<td>BSCS</td>
<td>JavaSE,J2EE,Database</td>
</tr>
</tbody>
</table>
LASER SECURITY SYSTEM

Degree Program: BS(CS)
Supervisor Name: Zeeshan Javed

Project Description
“LASER SECURITY SYSTEM” is basically a Desktop Application. In movies we have seen different Laser Security Systems those are expensive but our system is reliable and less expensive.

Problem Statement
People need security so our system will provide them high and reliable security system for their desired area.

Proposed Solution

Tools and Technologies
- C#
- Circuit Board
- Visual Studio 2013

Salient Features
- Video Display
- Video Recording
- Circuit Board
- Board Integration
- Alert

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<tr>
<td>10-ARID-238</td>
<td>Obaid-ur-Rehman</td>
<td><a href="mailto:Obaid.cgf@gmail.com">Obaid.cgf@gmail.com</a></td>
<td>03215060566</td>
<td>BSCS</td>
<td>C# Developer</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Asp.Net designer</td>
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<td></td>
<td>Php</td>
</tr>
<tr>
<td>10-ARID-222</td>
<td>Muhammad Naveed</td>
<td><a href="mailto:naveed_ramzan89@yahoo.com">naveed_ramzan89@yahoo.com</a></td>
<td>03345015010</td>
<td>BSCS</td>
<td>C#, Asp.net</td>
</tr>
<tr>
<td>09-Arid-621</td>
<td>Jennifer Ejaz</td>
<td><a href="mailto:jenniferejaz@hotmail.com">jenniferejaz@hotmail.com</a></td>
<td>03015139246</td>
<td>BSCS</td>
<td>C#, Asp.net</td>
</tr>
</tbody>
</table>
Nursery Inventory Control System (NICS)

Degree Program: BS(CS)
Supervisor Name: Zeeshan Javed

Project Description
This system is actually a software package that automate the process of manual activates involved in university nursery. This includes tracking of nursery plants and production and other item related to it. It also manages the stockholders related to it. The system is designed to keeping in view it should be user friendly and navigate to easily and it should have good and easy to use interface so that the users can have easy to interact with system. The system also equipped with state of security features which enables only authorized person to view and modify the sensitive information.

Problem Statement:
The previous working is based on File system. We proposed automate system to handle all the manual activates to increase the business profit.

Proposed Solution:

Tools and Technologies
- T- converter/pitch
- Microsoft Visual Studio 2010
- C-Sharp
- Windows OS

Salient Feature
Stock Management, Production Management, Sale Management, Potting and Propagation Reports

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<tr>
<td>10-Arid-202</td>
<td>Junaid Khurshd</td>
<td><a href="mailto:junaidkhurshid@hotmail.com">junaidkhurshid@hotmail.com</a></td>
<td>0345-5234052</td>
<td>ICS BS(CS)</td>
<td>C#,ASP.NET,SQL SERVER</td>
</tr>
<tr>
<td>10-Arid-208</td>
<td>Mudasir Iqbal</td>
<td><a href="mailto:mudaseriqbalcd6@yahoo.com">mudaseriqbalcd6@yahoo.com</a></td>
<td>0331-1735126</td>
<td>FSC BS(CS)</td>
<td>C#,ASP.NET,SQL SERVER</td>
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<tr>
<td>10-Arid-209</td>
<td>M. Abbas</td>
<td><a href="mailto:m.abbas_2@yahoo.com">m.abbas_2@yahoo.com</a></td>
<td>0314-5848208</td>
<td>ICS BS(CS)</td>
<td>C#,ASP.NET,SQL SERVER, PHP, Mysql</td>
</tr>
</tbody>
</table>
File Password on the Basis of Spoken Words

Degree Program: BS(CS)
Supervisor Name: Zeeshan Javed

Project Description
“File Password on the Basis of Spoken Words” will be used to secure files in a unique way by using speech as an input and the file will be selected for encryption/decryption.

Problem Statement
The previous working applications that are used to locked files are take input from keyboard which can be accessed by the other users.

Proposed Solution

![Diagram of proposed solution]

Tools and Technologies
- Microsoft Visual Studio 2013
- C-Sharp
- Windows OS

Salient Features
- Take Speech from User
- Convert Speech to Text
- Get Pitch of The Speech
- Encrypt The File
- Decrypt The File

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<tr>
<td>10-Arid-173</td>
<td>Abdur Rehman</td>
<td><a href="mailto:rehmanarid@hotmail.com">rehmanarid@hotmail.com</a></td>
<td>0303-6836797</td>
<td>ICS BS(CS)</td>
<td>C#,ASP.NET,SQL</td>
</tr>
<tr>
<td>10-Arid-178</td>
<td>Ali Nawaz Ahmed</td>
<td><a href="mailto:alinawazahmad@gmail.com">alinawazahmad@gmail.com</a></td>
<td>0347-5659079</td>
<td>FSC BS(CS)</td>
<td>C#,ASP.NET,SQL</td>
</tr>
<tr>
<td>10-Arid-193</td>
<td>Fawad Hussain</td>
<td><a href="mailto:fawadhussain972@gmail.com">fawadhussain972@gmail.com</a></td>
<td>0323-5198029</td>
<td>ICS BS(CS)</td>
<td>C#,ASP.NET,SQL,PHP</td>
</tr>
</tbody>
</table>
Online Retail and Order Processing System

Degree Program: BS (CS)
Supervisor Name: Zeeshan Javed

Project Description
‘Online retail and order processing system is used to buy products. Have google pie and line charts to view the status of the shop. It facilitates services to both mobile and computers’.

Problem Statement
The previous working applications that are used for sale purchase have no good looking charts like google charts and not facilitate from mobile.

Proposed Solution
- Our system have attractive interface with good looking Google line and pie Charts.
- All passwords are encoded so unauthorized people cannot get password even from database.
- We facilitate user to place order also from android phone.

Tools and Technologies
- MS Sql Server 2008
- J2SE/J2EE
- Windows OS
- HTML5, Css3, JQuery
- Eclipse, ADT, Restful Web Services

Salient Features
- User register with email verification.
- User place order.
- Admin check status of shop with google charts.
- System is fully dynamic so admin can sale any king of product.
- Good looking GUI.

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<tbody>
<tr>
<td>10-Arid-213</td>
<td>M Asif Hussain</td>
<td><a href="mailto:Princeasif2626@gmail.com">Princeasif2626@gmail.com</a></td>
<td>0302-6369937</td>
<td>ICS BS(CS)</td>
<td>J2SE,J2EE(jsp,servlet)</td>
</tr>
<tr>
<td>10-Arid-255</td>
<td>Tanveer Islam</td>
<td><a href="mailto:Tanveerislam11@gmail.com">Tanveerislam11@gmail.com</a></td>
<td>0342-6318462</td>
<td>FSC BS(CS)</td>
<td>J2SE,J2EE(jsp,servlet)</td>
</tr>
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</table>
Coverage Analysis Tool

Degree Program: BS (CS)
Supervisor Name: Zeeshan Javed

Project Description
Coverage analysis tool is a desktop utility tool used for Software Quality Assurance. The tool takes the java source code as input, analyzes it using static code analysis and semantics analysis techniques, if the input code is valid it calculates the coverage of the code against the test cases and generates the flow graph as output. Tool analyze the coverage on the basis of test cases and maps those test cases against the code to display that how much code is being covered by those test cases. The output will be represented in the graph which will simulate the paths covered by the test cases. The system will be useful to ensure the software quality by Coverage analysis and will help understand how much code is covered by the test cases to devise more concise test suite.

Problem Statement
To ensure the software quality and devising of the most complete set of test cases the code coverage analyzer should be able to simulate the test cases on the source code to tell how much code is being invoked when the test are actually ran on the system.

Proposed Solution

Tools and Technologies
- Java (Standard Edition), Net beans IDE

Salient Features
- Static analysis of the code to store the structure of the code without being actually executed. Mapping of the test cases against the source code to calculate the coverage of the code. Displays the coverage results in the form easily understandable by user like graphs and ratio against the total lines of code.

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<tr>
<td>10-Arid-212</td>
<td>M. Asad Yasin</td>
<td><a href="mailto:Asad.yasin92@gmail.com">Asad.yasin92@gmail.com</a></td>
<td>0300-0521343</td>
<td>BSCS</td>
<td>Java, dot Net</td>
</tr>
<tr>
<td>10-Arid-217</td>
<td>M. Esarulhaq Qasmi</td>
<td><a href="mailto:esarqasmi@gmail.com">esarqasmi@gmail.com</a></td>
<td>0333-5947793</td>
<td>BSCS</td>
<td>JAVA, JSP, dotNet, html, css, php</td>
</tr>
<tr>
<td>10-Arid-218</td>
<td>M. Furhan Ghauri</td>
<td><a href="mailto:Furhanghauri1@gmail.com">Furhanghauri1@gmail.com</a></td>
<td>0332-8779420</td>
<td>BSCS</td>
<td>JAVA, dot Net, Html .CSS</td>
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</table>
DEVIN

Degree Program: BSCS
Supervisor Name: Mehtab Alam

Problem Statement

We are living in the world in which technologies are changing day by day and people are getting busy in their life, so we wish to create an application whose purpose is to know about the system on chip, system information, battery information, sensor information, can save hardware specifications and can share hardware specifications and many users can use this application at the same time.

Proposed Solution

DevIn is an android App that reports you the complete hardware information about your device. With this app you can explore all information of your device. You can save your hardware specification into (Drop Box) and also you can share your device information with your friends (facebook).

Tools and Technologies

- Android Development Tool (ADT).
- Eclipse.

Salient Features

DevIn Provide the information about different hardware parts which includes:

- **System On Chip (SOC)**
  - Providing the chip name, chip architecture and a clock speed of each core.
- **System Information**
  - Providing brand name, Model, Screen Resolution and Memory Storage.
- **Battery Information**
  - Providing battery level, Status and Temperature.
- **Sensor Information**
  - Proving the name of sensor, other information.
- **Save and Share**
  - Save hardware specifications on Drop Box. Share with friends on Facebook.

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<tr>
<td>10-arid-263</td>
<td>Wardah Kiyani</td>
<td><a href="mailto:wardah.kiyani@yahoo.com">wardah.kiyani@yahoo.com</a></td>
<td>03335996207</td>
<td>BSCS</td>
<td>Java,C++</td>
</tr>
<tr>
<td>10-arid-185</td>
<td>Attila Rezwani</td>
<td><a href="mailto:ati.rezwani@gmail.com">ati.rezwani@gmail.com</a></td>
<td>03475371462</td>
<td>BSCS</td>
<td>Java,C++ ASP.net/C#</td>
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Mashup of Blood Donors Societies

Degree Program: BS (CS)
Supervisor Name: Zeeshan Javed

Project Description
This system will help us to manage record of donors by helping us to manage all activities in better way.

Problem Statement
The available system since now are static on not updateable no system has functionality of reporting and no system have functionality to send SMS to members or donors.

Proposed Solution

Tools and Technologies
- Windows
- Sql studio 2008
- Cristal Reports 2010
- Visual Studio 2010

Salient Features
- Login, Register donor, View Donor, View Report, Download Report, Send SMS to specific donors list, to all donors

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<td>10-ARID-264</td>
<td>Waseem Ali Malik</td>
<td>Uiit.blood.donor.society@ gmail.com</td>
<td>0300-5575138</td>
<td>BSCS MATRIC</td>
<td>C++, Dot Net, C#, SQL, Java</td>
</tr>
</tbody>
</table>
MISSING VEHICLE SYSTEM

Degree Program: BS(CS)
Supervisor Name: Zeeshan Javed

Project Description
It’s important to maintain efficient website to handle information related to vehicle under Police. And access these in a simple way. Online FIR facility providing.

Tools and Technologies
- **OS**: XP, 7, 8, 8.x
- **Database**: MS-SQL server 2008
- **Technologies**: .ASP, .DLL
- **IDE**: MS-Visual Studio .Net 2012
- **Browser**: Google Chrome, Firefox

Salient Features
- Avoid redundancy in data.
- Central source of data for easy access to all the information.
- Improve work efficiency of inquiry.
- Enhance people trust and backdoor for thieves.
- MVS is powerful, flexible, and easy to use and is designed and developed to deliver real conceivable benefits to Police and Peoples.

<table>
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<tr>
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<th>Experience/skills</th>
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<tbody>
<tr>
<td>08-arid-622</td>
<td>Muhammad Irfan</td>
<td><a href="mailto:irfanmustafa2004@hotmail.com">irfanmustafa2004@hotmail.com</a></td>
<td>0331-5270040</td>
<td>BS(CS)</td>
<td>Console Applications, OOP,c#.ASP,HTML5,.CSS3,AJAX</td>
</tr>
<tr>
<td></td>
<td>Mustafa</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10-arid-228</td>
<td>Muhammad Umair</td>
<td><a href="mailto:uum1991@gmail.com">uum1991@gmail.com</a></td>
<td>0314-5214121</td>
<td>BS(CS)</td>
<td>c#.ASP,HTML5,.CSS3,AJAX</td>
</tr>
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</table>
UIIT Plagiarism Checker for FYP

Degree Program: BS (CS)
Supervisor Name: Zeeshan Javeed

Project Description
Plagiarism Checker Software for UIIT (PCSU) is a web based plagiarism checker for the thesis of MS projects, build to satisfy the academic needs of University Institute of Information Technology (UIIT)

Problem Statement
Many students make (intentionally or unintentionally) plagiarism in their thesis and assignments. The detection process becomes easier, faster and more efficient if it’s performed automatically

Proposed Solution

Tools and Technologies
- Asp.net
- Microsoft Visual Studio 2010
- SQL Server 2008

Salient Features
- Implement efficient string matching techniques.
- Gives results on the basis of comparisons made, represents them in percentage and sites their sources too.

<table>
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<td>10-Arid-248</td>
<td>Sundus Bohari</td>
<td><a href="mailto:s.sundusbukhari@yahoo.com">s.sundusbukhari@yahoo.com</a></td>
<td>03215285786</td>
<td>Matric FSc BSCS</td>
<td>C, C++, C#/.Net, Java</td>
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<tr>
<td>10-Arid-256</td>
<td>Tayaba AbdulHaq</td>
<td><a href="mailto:tayyabarana92@yahoo.com">tayyabarana92@yahoo.com</a></td>
<td>03315389182</td>
<td>Matric ICS BSCS</td>
<td>C, C++, C#/.Net, Java</td>
</tr>
<tr>
<td>10-Arid-241</td>
<td>Sara Naveed</td>
<td><a href="mailto:saranaveed34@gmail.com">saranaveed34@gmail.com</a></td>
<td>03345114603</td>
<td>Matric ICS BSCS</td>
<td>C, C++, C#/.Net</td>
</tr>
</tbody>
</table>
HideBox

Degree Program: BS (CS)
Supervisor Name: Mehtab Alam
Project Description

Problem Statement
we all have stuff on our phones we'd like to keep to ourselves, like photos, videos, messages, contacts, even apps, but how can we protect them when someone attempts to access and read our phones?

Proposed Solution
HideBox will provide you full privacy for your phone and make you feel secure and you will surely stop worrying about your private contents falling in wrong hands.

Tools and Technologies
Eclipse for Android Development, Geny Motion as Emulator, Photoshop, Java.

Salient Features
HideBox provides the following features for device contents security.

App Lock:
Any apps you choose to lock will be protected. App icon of protected app will not be visible on device home screen. You can select unlimited apps to lock

Photos & videos protection:
All files will be hidden into a private place and can only be viewed in HideBox after entering the correct password. Allow users to manually select and import photos.

Contacts/Messages:
Allow users to create “private contact”, and all messages and calls from the contact “disappear” from the phone, almost as if the contact never exists.

Stealth Mode:
Allow users to completely hide HideBox’s icon from device home screen when Stealth Mode in activated.

<table>
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<tr>
<td>10-Arid-199</td>
<td>Hamza Mehmood</td>
<td><a href="mailto:hamza.azee91@gmail.com">hamza.azee91@gmail.com</a></td>
<td>03055518875</td>
<td>BS (CS)</td>
<td>ASP.NET/C#, JSP, C/C++, SQL Server</td>
</tr>
<tr>
<td>10-Arid-188</td>
<td>Danish Saleem</td>
<td><a href="mailto:danish.sal33m@gmail.com">danish.sal33m@gmail.com</a></td>
<td>03365191474</td>
<td>BS (CS)</td>
<td>ASP.NET/C# JSP ANDROID SQL Server/SQLite</td>
</tr>
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</table>
Video Streaming Recognition and Indexing

Degree Program: BS(CS)
Supervisor Name: Zeeshan Javed

Project Description
This system will help user to search their lectures and helping us to manage all subjects in better way.

Problem Statement
During the time of preparation of exams the student asking for lectures to their friends and collages.

Proposed Solution

Tools and Technologies
- C-Sharp
- ASP.Net
- SQL Server
- Html
- J-Query
- Ajax, CSS, JavaScript
- Microsoft Visio

Salient Features
- Video capture
- View and play Lectures
- Download lectures
- Converting of video into frames
- Deduct text from frames
- Indexing lecture
- Upload Lectures
- .ppt lecture
- Manage Users, Manage Record

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<tr>
<td>10-ARID-176</td>
<td>ADNAN HUSSAIN</td>
<td><a href="mailto:adnan4uiit@gmail.com">adnan4uiit@gmail.com</a></td>
<td>0315-5292711</td>
<td>G.Science BS(CS)</td>
<td>C++, Dot Net, C#, SQL, Java,Jsp</td>
</tr>
<tr>
<td>10-ARID-201</td>
<td>HUMAYUN ARSHAD</td>
<td><a href="mailto:humayun_gujjar@hotmail.com">humayun_gujjar@hotmail.com</a></td>
<td>0331-5335098</td>
<td>Pre.Eng BS(CS)</td>
<td>C++, Dot Net, C#, SQL, Java,Php</td>
</tr>
<tr>
<td>10-ARID-183</td>
<td>ASIF MAJEED</td>
<td><a href="mailto:m.asif1991@yahoo.com">m.asif1991@yahoo.com</a></td>
<td>0331-5014704</td>
<td>G.Science BS(CS)</td>
<td>C++, Dot Net, C#, SQL, Java,Php</td>
</tr>
</tbody>
</table>
Private Cloud Document Management System

Degree Program: BS (Computer Science)
Supervisor Name: Zeeshan Javed

Project Description
This system helps us manage documents with in a private network. The user can create, manage and upload documents using this system.

Problem Statement
Existing cloud system is for the public usage, not for any private use.

Proposed Solution

![Diagram of the system setup]

Tools and Technologies
- Ubuntu
- LAMP

Salient Features

<table>
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<tr>
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<tr>
<td>10-ARID-245</td>
<td>Shiekh M. Dawood</td>
<td><a href="mailto:shiekhdawood2050@gmail.com">shiekhdawood2050@gmail.com</a></td>
<td>0347-3281153</td>
<td>BSCS FSC MATRIC</td>
<td>C++, Java, Dot Net, C#, SQL, HTML5, JSP, Php, Ubuntu</td>
</tr>
<tr>
<td>10-ARID-257</td>
<td>Umair Ayub</td>
<td><a href="mailto:mani619cash@gmail.com">mani619cash@gmail.com</a></td>
<td>0332-5663236</td>
<td>BSCS ICS MATRIC</td>
<td>C++, Java, Dot Net, C#, SQL, HTML5, JSP, Php, Ubuntu</td>
</tr>
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</table>
HEALTH CARE FIRST  
(BIO-INFORMATICS) 

Degree Program: BS (CS)  
Supervisor Name: Zeeshan Javed

Project Description  
The system consists of Desktop and Web Application. Desktop Application takes input as a text message from health workers and they have low cost cell phones so we are handle the text messages by using GSM modem and then stored these messages to the database. The System is equipped with Intelligence techniques, after receiving of text message; the text message is analyzed by system to extract meaning full terms.

Problem Statement  
Unfortunately in existing systems we have old file system, huge paper work (most of the budget is thrown on stationary), no proper communication, lack of devotion of frontline workers, manpower poor decision making. Data is received & kept manually, there is no usage of digital technologies as well as science.

Proposed

Salient Features
Single Integrated model for Health Care., Text Mining, Data receiving via text message, Data parsing, Data storage, Data Validation, Seeking doctor’s attention pervasively.

Tools and Technologies
Microsoft Visual Studio 2010, SQL SERVER 2008, ADOBE PHOTOSHOP, AJAX, ASP.NET using C#

Registration # | Student Name | Email Address | Contact Number | Academic s Details | Experience/skills
--- | --- | --- | --- | --- | ---
10-Arid-226 | Muhammad Saleh | salehkhan07@gmail.com | 03125692367 | BS (CS) Final semester | ASP.NET using C#With MVC design patterns, AJAX, JQuery, Java. 
10-Arid-230 | Muhammad Usman | mhmdusmaan@gmail.com | 03344422262 | BS (CS) Final semester | C# .Net,Java, Adobe Photoshop, Expertise in Report Generation.
SMART MALL

Degree Program: BS (CS)
Supervisor Name: Zeeshan Javed

Project Description
The major and foremost feature of this project is to provide Pakistan’s shoppers class a new and easy, modern to shop the mall by making use of their smart phones.

Problem Statement
Pakistan shopping malls industry lacks of application that caters the need of users that helps them shop in a user-friendly environment. So far we have not found any thing that supports users in shopping the way we aim to do. Finding the best deals, discounts to buy products from your favorite shopping malls is everyone’s desire.

Proposed Solution

Tools and Technologies
Android sdk | Eclipse,Autodesk 3ds,Visual studio 2013 | SqlSMS,Rational Rose,Photoshop cs6,Restful web service

Salient Features
You can have interactive Graphical representation of the mall to find your desired shop, Notification of Promos, discount, sales and offers of all the brands, complete details of Food Court. Entertainment area including Cinema’s feeds, Shopping mall’s own events current & upcoming feeds, List of Mall Services for Mall customers, A web interface for mall admins for adding/deleting/updating shops events & Offers/Activities, Post your status via our own app on facebook, A simple to-do list for not missing anything planned

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<th>Contact #</th>
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<th>Experience/skills</th>
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<tr>
<td>10-arid-211</td>
<td>M Asad Tanwir</td>
<td><a href="mailto:asadraja12@gmail.com">asadraja12@gmail.com</a></td>
<td>03006144118</td>
<td>UG Student</td>
<td>Free Lancer/ Android, Java/php/mysql/3ds/restful/js</td>
</tr>
<tr>
<td>10-arid-200</td>
<td>Syed Hassan Zahidi</td>
<td><a href="mailto:Hassan_5591@yahoo.com">Hassan_5591@yahoo.com</a></td>
<td>0346-5243651</td>
<td>UG Student</td>
<td>Java, Oracle, .net, mysql autodesk 3ds</td>
</tr>
</tbody>
</table>
BS(IT)
MORNING
Bus Reservation System

Degree Program: BS (IT)
Supervisor Name: Bilal Bashir

Problem Statement
In this project we have developed a “Bus Reservation System” which is based on SMS. It helps passengers in booking their seats online. They can reserve seat from anywhere through their cell phones.

Proposed Solution

![Diagram of Bus Reservation System]

Tools and Technologies
- Asp.net
- C#
- GSM modem or mobile phone
- Rational Rose

Salient Features
- Bus Manager
- Report Generator
- Reserve Seats
- Cancellation

<table>
<thead>
<tr>
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<th>Email-id</th>
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<th>Academics Details</th>
<th>Experience/skills</th>
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<tr>
<td>10-Arid-348</td>
<td>Syed Zohair Akbar Gardezi</td>
<td><a href="mailto:zohairshah514@hotmail.com">zohairshah514@hotmail.com</a></td>
<td>0341-9507845</td>
<td>BS(IT)</td>
<td>Asp.net, C#, Sql server</td>
</tr>
<tr>
<td>10-Arid-338</td>
<td>Rehmana Bibi</td>
<td><a href="mailto:rehmanaazam@outlook.com">rehmanaazam@outlook.com</a></td>
<td>0332-0575870</td>
<td>BS(IT)</td>
<td>Asp.net, Uml</td>
</tr>
<tr>
<td>10-Arid-332</td>
<td>Nuzhat Batool</td>
<td><a href="mailto:nuzhatbatool101@yahoo.com">nuzhatbatool101@yahoo.com</a></td>
<td>0343-6306434</td>
<td>BS(IT)</td>
<td>Software Engineering</td>
</tr>
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</table>
E-Cabinet

Degree Program: BS-IT (Morning)
Supervisor Name: Bilal Bashir

Problem Statement
In manual application tracking system, applicant has to wait for response because files are in the hierarchy. User cannot view the current status of his application till final approval/disapproval.

Proposed Solution

Tools and Technologies
- HTML
- MICROSOFT VISUAL STUDIO 2008 (ASP.NET C#)
- RATIONAL ROSE
- SQL SERVER 2008

Salient Features
- UIIT Employees can send leave, scholarship, and training and loan applications online.
- UIIT Employees are updated about their request status
- Authorities can approve or disapprove the request online
- The requests can be easily searched through date, day and employee name.

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<tr>
<td>09-Arid-178</td>
<td>Nida Khan</td>
<td><a href="mailto:nidasaleem333@gmail.com">nidasaleem333@gmail.com</a></td>
<td>0336-5290543</td>
<td>Bs-IT</td>
<td></td>
</tr>
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</table>
E-Commerce Web Application

Degree Program: BS IT (Morning)
Supervisor Name: Bilal Bashir

Problem Statement
Manual Restaurant Management system is not effective and efficient because it cannot save manage and monitor the Customer information include Reservations, Orderings and customer have no option to pay Online

Proposed Solution

Tools and Technologies
- Microsoft visual studio 2010
- Asp.Net
- Microsoft SQL Server

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<th>Contact #</th>
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<tr>
<td>10-Arid-319</td>
<td>Muhammad Asim</td>
<td><a href="mailto:asimdesign32@gmail.com">asimdesign32@gmail.com</a></td>
<td>0313-5724432</td>
<td>2.8/4cgpa</td>
<td>Asp.Net expert, 3 month internship in PHP.</td>
</tr>
<tr>
<td>10-Arid-315</td>
<td>Moin Akhtar</td>
<td><a href="mailto:Moin_2790@yahoo.com">Moin_2790@yahoo.com</a></td>
<td>0344-5099300</td>
<td>3.1/4cgpa</td>
<td>Asp.Net.php, UML</td>
</tr>
<tr>
<td>10-Arid-328</td>
<td>M. Usman Rathore</td>
<td><a href="mailto:Rathore_usman@yahoo.com">Rathore_usman@yahoo.com</a></td>
<td>0341-9990986</td>
<td>2.8/4cgpa</td>
<td>Asp.Net.</td>
</tr>
</tbody>
</table>
Degree Program: BS IT (Morning)
Supervisor Name: Dr. Sohail Asghar

Problem Statement
The project “ProMiner - Context based Text Minning Tool using Integrated Preprocessing Techniques” is a desktop-based project. This system is developed to provide preprocessing features of Text Mining along with artificial intelligence system and to manage large amount of data for an enterprise business.

Proposed Solution

Tools and Technologies
- JAVA, NetBeans - IDE 8.0, JDK - 8.0
- MS Office 2007, Adobe PhotoShop
- Rational Rose & Gliffy.com (for UML diagrams)

Salient Features
- Less effort and time consumption
- More accuracy, Efficiency and User friendly interaction

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<th>Contact #</th>
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<tr>
<td>10-arid-287</td>
<td>Bushra Rafiq</td>
<td><a href="mailto:bshirafiq@gmail.com">bshirafiq@gmail.com</a></td>
<td>0331-5652110</td>
<td>Metric FSc</td>
<td>MS Office Adobe Photoshop Java, PHP, UML</td>
</tr>
<tr>
<td>10-arid-341</td>
<td>Sehrish Manzoor Minhas</td>
<td><a href="mailto:sehrmanzoor@gmail.com">sehrmanzoor@gmail.com</a></td>
<td>0345-0695519</td>
<td>BS(IT)</td>
<td></td>
</tr>
<tr>
<td>10-arid-346</td>
<td>Syed Adeel Shah Bukhari</td>
<td><a href="mailto:adeelbukhari1@yahoo.com">adeelbukhari1@yahoo.com</a></td>
<td>0331-5066305</td>
<td></td>
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</tr>
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</table>
LAN-based Draught Game

Degree Program: BS IT (Morning)
Supervisor Name: M. Bilal Bashir

Problem Statement

All existing system can be played using internet or only single user can play the game. There was no prior LAN based game. Players are unable to save and view there score after they played.

Proposed Solution

Tools and Technologies

- Microsoft Visual Studio 2010 and Microsoft SQL Server 2008
- Rational Rose and Star UML, Edraw Max

Salient Features

- Play game from distant sites using LAN. Good Technical Support in the form of the help
- Good looking, attract at first sight, easy to understand and self-explanatory and is protected by

<table>
<thead>
<tr>
<th>Registration #</th>
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<th>Contact #</th>
<th>Academic Details</th>
<th>Experience/skills</th>
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<tr>
<td>10-Arid-288</td>
<td>Faisal Tehsin Abbas</td>
<td><a href="mailto:Faisaltehsin911@gmail.com">Faisaltehsin911@gmail.com</a></td>
<td>0301-3076142</td>
<td>BSIT</td>
<td>VB.net, Php Javascript Html5</td>
</tr>
<tr>
<td>10-Arid-290</td>
<td>Fizza Khan</td>
<td><a href="mailto:Fizza_khan37@yahoo.com">Fizza_khan37@yahoo.com</a></td>
<td>0347-0919158</td>
<td>BSIT</td>
<td>VB.net</td>
</tr>
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</table>
Integrated Kids Immunization Registry

Degree Program: BS IT (Morning)
Supervisor Name: Bilal Bashir

Problem Statement
From the inception of this world people faced various disease and dies due to unawareness.

Proposed Solution

Tools and Technologies
- Visual C#, Microsoft SQL Server 2008, Rational Rose

Salient Features
- Registered kids, Generate immunization schedule, Update profile, Approved/ Reject user by union council, Manage vaccines by medical staff, Send vaccine notification to family through email/sms

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<tr>
<td>10-Arid-308</td>
<td>Maria Barket</td>
<td><a href="mailto:maria_barket@yahoo.com">maria_barket@yahoo.com</a></td>
<td>0332-5999244</td>
<td>BSIT</td>
<td>Good Presentation, Web development, Dot Net</td>
</tr>
<tr>
<td>10-Arid-305</td>
<td>Laila Ibrahim</td>
<td><a href="mailto:laila.turi@yahoo.com">laila.turi@yahoo.com</a></td>
<td>0347-5087104</td>
<td>BSIT</td>
<td>Dot Net,Sql, HTML</td>
</tr>
<tr>
<td>10-Arid-274</td>
<td>Aimen Khalid</td>
<td><a href="mailto:aimenkhalid46@yahoo.com">aimenkhalid46@yahoo.com</a></td>
<td>0303-5988006</td>
<td>BSIT</td>
<td>Good mathematical problem solving skills, Sql</td>
</tr>
</tbody>
</table>
Diamond HTML Editor and Publisher

Degree Program: BS IT (Morning)
Supervisor Name: M. Bilal Bashir

Problem Statement
Many HTML editors are not user friendly, for beginners its very difficult to understand the interface. Its WYSIWYG feature with multi browser support also provide site manager who manage website and provide facility to publish website through FTP server

Proposed Solution

Tools and Technologies
- Microsoft Visual Studio 2010
- Rational Rose
- Star UML

Salient Features
- Rich editing features to design and provides a facility of site manager etc.
- Publish website by using FTP server and multi browser facility will be provided.
- Help and support will be embedded in system for those who feel difficulty while using system.

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<td>10-Arid-300</td>
<td>Iqra Azam</td>
<td><a href="mailto:Iqra_azam246@yahoo.com">Iqra_azam246@yahoo.com</a></td>
<td>0314-5848052</td>
<td>BSIT FSC</td>
<td>Web designing and development</td>
</tr>
<tr>
<td>10-Arid-282</td>
<td>Ayesha Saeed</td>
<td><a href="mailto:Ayesha.saeed36@yahoo.com">Ayesha.saeed36@yahoo.com</a></td>
<td>0331-5660529</td>
<td>BSIT</td>
<td>Strong understanding of software documentation.</td>
</tr>
<tr>
<td>10-Arid-278</td>
<td>Amna Javaid</td>
<td><a href="mailto:amnakiani26@yahoo.com">amnakiani26@yahoo.com</a></td>
<td>0312-8021206</td>
<td>BSIT FSC</td>
<td>Project management skill. Good knowhow of programming language. Better development</td>
</tr>
</tbody>
</table>
LAN-Based Examiner System

Degree Program: BS IT (Morning)
Supervisor Name: M. Bilal Bashir

Problem Statement
Examination system is the essential part of every institution. Teachers make exam papers to evaluate the students and after checking the papers make result. The existing system is more time consuming, a lot of paper work is required, teachers have to check each paper and make its result also, and students have to wait for the results of their exams.

Proposed Solution

o Tools and Technologies
  o .Net framework and C-Sharp
  o Microsoft Visual Studio 2010, Microsoft SQL Server 2008 R2 and IBM Rational Rose

o Salient Features
  o Access the system inside the organization and student records can easily managed
  o Exam can conduct when the computers are connected with LAN

<table>
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<tr>
<td>10-Arid-277</td>
<td>Ammar Suleman</td>
<td><a href="mailto:a.s143725@gmail.com">a.s143725@gmail.com</a></td>
<td>0333-5656796</td>
<td>BSIT</td>
<td>PHP, C-Sharp, ASP.NET, SQL</td>
</tr>
<tr>
<td>10-Arid-291</td>
<td>Habib Afzal</td>
<td><a href="mailto:habib.afzal291@gmail.com">habib.afzal291@gmail.com</a></td>
<td>0321-5275521</td>
<td>BSIT</td>
<td>JAVA, C/C++, PHP, C-Sharp, ASP.NET, SQL</td>
</tr>
<tr>
<td>10-Arid-295</td>
<td>Hareem Mukhtar</td>
<td><a href="mailto:hareem_leo@yahoo.com">hareem_leo@yahoo.com</a></td>
<td>0320-5275521</td>
<td>BSIT</td>
<td>JAVA, C-Sharp, ASP.NET, SQL</td>
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Newspaper Agency Management System

Degree Program: BS IT
Supervisor Name: Bilal Bashir

Project Description
Our project titled, as “Newspaper Agency System” is basically a web based application related to the circulation and subscription management for newspaper distributors. All workflow is performed through book record keeping.

Proposed Solution

Tools and Technologies
- Visual Studio
- Sql Server

Salient Features
- Customers Management
- Suppliers Management
- Bills and Reports Generation.

<table>
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<td>10-Arid-343</td>
<td>Sherafgan Hamid</td>
<td><a href="mailto:Rajasherafgan@gmail.com">Rajasherafgan@gmail.com</a></td>
<td>0346-2025100</td>
<td>Matric Ics BSIT</td>
<td>Asp.net/Php/Sql</td>
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<tr>
<td>10-Arid-340</td>
<td>Salman Ahmed</td>
<td><a href="mailto:Salmanahmed635@yahoo.com">Salmanahmed635@yahoo.com</a></td>
<td>0331-5037599</td>
<td>Matric Ics BSIT</td>
<td>Asp.net/Php/Sql</td>
</tr>
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</table>
Intelligent Network Offer Management System

Degree Program: BS IT
Supervisor Name: Bilal Bashir

Problem Statement
The system reduces all the manual work of complicated excel sheets and helps the users to accomplish their tasks effectively and efficiently and generate reports in PDF and Excel formats.
The problem is for launching an offer which an organization (MOBILINK) have to update the excel sheets.

Proposed Solution

![Diagram of the system](image)

Tools and Technologies
- .Net framework, C#
- CSS, Visual Studio, SQL Server, Rational Rose

Salient Features
- User will manage the offers.
- User will manage bundles.
- User will manage the Services, service class and service group.
- User will manage reports.

<table>
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<td>10-Arid-350</td>
<td>Umair Mughal</td>
<td><a href="mailto:umair_92baig@yahoo.com">umair_92baig@yahoo.com</a></td>
<td>0334-5394807</td>
<td>BS(IT)</td>
<td>ASP.Net, UML, C#</td>
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<tr>
<td>10-Arid-351</td>
<td>Umaish Khan</td>
<td><a href="mailto:umaishkhan@yahoo.com">umaishkhan@yahoo.com</a></td>
<td>0344-9202813</td>
<td>BS(IT)</td>
<td>ASP.Net, C++, C#</td>
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<tr>
<td>10-Arid-357</td>
<td>Zain Bin Amin</td>
<td><a href="mailto:zainbinamin@yahoo.com">zainbinamin@yahoo.com</a></td>
<td>0300-6672352</td>
<td>BS(IT)</td>
<td>ASP.Net, PHP, C#</td>
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Online Ticket Booking System for Centaurus Cineplex

Degree Program: BS IT
Supervisor Name: Bilal Bashir

Problem Statement
Our system is an Online Ticket Booking for Centaurus Cineplex that provides full on entertainment to the customers at their home. User can book his ticket on just a few clicks at his home no need to wait in the queue for buying tickets. With the advancement in IT industry it is necessary to automate the manual ticket booking process and payment mechanism.

Proposed Solution

![Diagram of the system architecture](image)

Tools and Technologies
- Asp.net, SQL Server 2008
- Visual Studio 2010, Rational Rose

Salient Features
- Online Ticket Booking And Payment, Report Generation
- Email Notification/Alerts
- Upcoming or current movies Trailers
- Content Management

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<td>10-arid-336</td>
<td>Rabia Noureen</td>
<td><a href="mailto:Sweethome1997@yahoo.com">Sweethome1997@yahoo.com</a></td>
<td>0333-5603184</td>
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<td>Software design(UML)</td>
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<td>10-arid-331</td>
<td>Nimra Shafique</td>
<td><a href="mailto:Nimra.shafique11@yahoo.com">Nimra.shafique11@yahoo.com</a></td>
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CRES (CROP RECOMMENDER AND ESTIMATION SYSTEM)

Degree Program: BS IT
Supervisor Name: Bilal Bashir

Project Description
It contributes a major portion in GDP, so agriculture sector should also be digitalized. There is a need to apply science and technology in field of agriculture. In order to achieve this milestone, we developed a system that provide us a single click expert opinion

Proposed Solution

Tools and Technologies
- Microsoft Visual Studio 2010
- C# Framework 4.0
- Ajax

Salient Features
- Crop Recommendation
- Provide user a benchmark
- Help and support

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<td><a href="mailto:hiraasmathirat@yahoo.com">hiraasmathirat@yahoo.com</a></td>
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Test Case Execution Simulator

Degree Program: BS IT
Supervisor Name: Bilal Bashir

Problem Statement
Manually it is not possible for testers to test code coverage. It can be nearly impossible and certainly not cost effective phenomena. Test Cases Execution Simulator tool on the other hand allow us to perform this type of analysis in an automated and simple way.

Proposed Solution

Tools and Technologies
- Programming language: C sharp(C#)

Salient Features
- Supports the method coverage, statement coverage, condition coverage
- Perform source instrumentation for most accurate coverage measurement.
- GUI for ease of use.
- Per test case coverage measurement.
- Display highlighted result.

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<td>0343-8551520</td>
<td>BSIT FSC</td>
<td>PHP, HTML, Asp.net, Java, C#, SQL, Adobe Photoshop (cs5), Dream viewer</td>
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<tr>
<td>10-arid-309</td>
<td>Mariyam Zehra</td>
<td><a href="mailto:mariyam.zehra114@gmail.com">mariyam.zehra114@gmail.com</a></td>
<td>0345-5062857</td>
<td>BSIT ICS</td>
<td>C#, C++, JAVA, C, Objective C, JSP, php, ASP.net, HTML, SQL</td>
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<tr>
<td>10-arid-284</td>
<td>Bakhtawar Saleem</td>
<td><a href="mailto:bakhtawarsaleem7@gmail.com">bakhtawarsaleem7@gmail.com</a></td>
<td>0300-3901201</td>
<td>BSIT ICS</td>
<td>HTML, PHP, Multimedia, C#, Asp.net, SQL</td>
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Online shopping mall

Degree Program: BS IT
Supervisor Name: Bilal Bashir

Project Description
We are going to develop system which will provide the interaction between Merchant and Customer Online and facilitate online Sales and Purchases. In our system we are providing the easiest way to manage things online. Customers and Merchant can view their purchases sales and order status.

Proposed Solution

Tools and Technologies
- HTML
- PHP
- Wamp server 5
- Java Script

Salient Features
- Microsoft Windows 7
- Web Server

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<td>10-arid-312</td>
<td>Misbah Shaukat</td>
<td><a href="mailto:misbahshaukat312@yahoo.com">misbahshaukat312@yahoo.com</a></td>
<td>03315671489</td>
<td>BSIT</td>
<td>PHP web designing</td>
</tr>
<tr>
<td>10-arid-356</td>
<td>Warda Madni</td>
<td><a href="mailto:wardamalik06@gmail.com">wardamalik06@gmail.com</a></td>
<td>03415343451</td>
<td>BSIT</td>
<td>Good skills in PHP web designing</td>
</tr>
<tr>
<td>09-arid-453</td>
<td>Murfa Batool</td>
<td><a href="mailto:Murlfabadool12@gmail.com">Murlfabadool12@gmail.com</a></td>
<td>03366096171</td>
<td>BSIT</td>
<td>No experience/</td>
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Online Job Portal

Degree Program: BS IT
Supervisor Name: Bilal Bashir

Project Description
Job Seeker easily search job and apply for the job and get email and SMS for related Job. Employer can easily post job. Online Job Portal provides a web based automated system capable of tackling and solving all the weaknesses and problems in their operations related with the system.

Proposed Solution
The main purpose of this particular system is that it provides a way for needy people, who are jobless or still jobless with some reasons.

Tools and Technologies

- Asp.net and visual studio 2008
- My SQL Server
- Rational Rose
- Microsoft Word

Salient Features
- User friendly
- Accuracy
- Efficiency
- Flexibility

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<td>10-Arid-313</td>
<td>Mohsin Ali</td>
<td><a href="mailto:Mohsinalistyle362@gmail.com">Mohsinalistyle362@gmail.com</a></td>
<td>0334-5214225</td>
<td>Matric Fsc</td>
<td>C#, ASP.NET</td>
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<tr>
<td>10-Arid-325</td>
<td>Muhammad Osama</td>
<td><a href="mailto:M.osami96@yahoo.com">M.osami96@yahoo.com</a></td>
<td>0312-5517290</td>
<td>Matric ICS</td>
<td>C#, Asp.net</td>
</tr>
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</table>
Development of Ontology For An Enterprise Using Context Based Text Mining

Degree Program: BS IT
Supervisor Name: Dr. Sohail Asghar

Project Description
We have been developed ontology for an enterprise using context based text mining. We used design patterns to make hierarchies from which we built ontology and visualize it using OWLGrid. Our project helps the particular enterprise in decision making.

Proposed Solution

Tools and Technologies
- Java with JDK 8.0
- OWLGrid, Visualization Tool for Ontologies etc
- Web Ontology Language (OWL)

Salient Features
- An integrated ontology tool
- Easy
- Useful
- Flexible

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<td>Muhammad Tayyab</td>
<td><a href="mailto:m.u.h.a.m.m.a.d.t.a.y.y.a.b@live.com">m.u.h.a.m.m.a.d.t.a.y.y.a.b@live.com</a></td>
<td>0303-5023856</td>
<td>Matric Fsc BSIT</td>
<td>C#, ASP.NET, Java</td>
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<tr>
<td>10-Arid-316</td>
<td>Muhammad Ali Ehsan</td>
<td><a href="mailto:alihsan_aridian@yahoo.com">alihsan_aridian@yahoo.com</a></td>
<td>0341-4421453</td>
<td>Matric DAE BSIT</td>
<td>C#, ASP.Net, Graphic Designing</td>
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<tr>
<td>10-Arid-335</td>
<td>Qurat-ul-ain Abid</td>
<td><a href="mailto:aynee10@gmail.com">aynee10@gmail.com</a></td>
<td>0312-5780848</td>
<td>Matric Fsc BSIT</td>
<td>Software Engineering, C#, ASP.NET</td>
</tr>
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</table>
STATS GURU

Degree Program: BS IT
Supervisor Name: Bilal Bashir

Project Description
The system is developed to do statistician tasks like calculating arithmetic mean, median, mode, range, standard deviation and so on. It will help user creating various forms of graphs like Pie-Chart, bar-chart etc. In recent era, many people use calculators or do paper work to solve statistical problems. It is not suitable to solve large calculations.

Proposed Solution

Tools and Technologies
- Microsoft Visual Studio 2010
- Microsoft SQL Server 2008
- C# Framework 4.0
- Ajax

Salient Features
- User can upload data file instead of entering values.
- User can view step-by-step solution of question.

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<tr>
<td>10-ARID-292</td>
<td>Ehtsham Zafar</td>
<td><a href="mailto:shamzafar@gmail.com">shamzafar@gmail.com</a></td>
<td>+92-334-5431891</td>
<td>BSIT ICS Matric</td>
<td>PHP, ASP.NET, C-SHARP</td>
</tr>
<tr>
<td>10-ARID-302</td>
<td>Jawad.ul.Hussan Bhatti</td>
<td><a href="mailto:aquariusprince786@yahoo.com">aquariusprince786@yahoo.com</a></td>
<td>+92-335-5081992</td>
<td>BSIT F.SC Matric</td>
<td>PHP, ASP.NET, C-SHARP, MY-SQL</td>
</tr>
<tr>
<td>10-ARID-272</td>
<td>Ahsan Mehmood</td>
<td><a href="mailto:Ahsan.mehmood00@gmail.com">Ahsan.mehmood00@gmail.com</a></td>
<td>+92-345-5391661</td>
<td>BSIT ICS:</td>
<td>PHP, ASP.NET, MY-SQL</td>
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</table>
ROLE BASED SECURITY COMPONENT

Degree Program: BS IT
Supervisor Name: Bilal Bashir

Problem Statement

User authentication, data integrity was a major issue in the older systems. These systems do not provide the facility of role based security. In such systems employees used to login to their system and then start performing their work. There was no concept of restrictions & privileges in those systems against user roles defined in the organization.

Proposed Solution

Tools and Technologies

- Microsoft Visual Studio, SQL Server, Rational Rows, Microsoft Visio

Salient Features

- Profile Management, Roles & Features Management, Security Management

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<td>10-Arid-337</td>
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<td><a href="mailto:raja_zain98@yahoo.com">raja_zain98@yahoo.com</a></td>
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<td>C# Development Web development Database</td>
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<td><a href="mailto:rogerumer@ymail.com">rogerumer@ymail.com</a></td>
<td>0314-5372621</td>
<td>BS(IT)</td>
<td>UML Designer Web Development</td>
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</table>
Windows Backup Solution

Degree Program: BS IT
Supervisor Name: Bilal Bashir

Problem Statement
In daily life, lot of disaster occurred that may harm system containing important data. There is always risk of losing important data. “Windows Backup Solution” provides solution of above problems that will save all of your important data.

Proposed Solution

Tools and Technologies
- Microsoft Visual Studio 2008
- Adobe Photoshop.

Salient Features
- User can take backup of data.
- User can restore data.
- User can schedule a backup.

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<td>10-Arid-275</td>
<td>Ali Hassan</td>
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<td>0308-5943710</td>
<td>BS-IT</td>
<td>Asp.net,C#, Javascript</td>
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<tr>
<td>10-Arid-286</td>
<td>Burhan Ahmed</td>
<td><a href="mailto:Silentcell007@gmail.com">Silentcell007@gmail.com</a></td>
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<td>BS-IT</td>
<td>C#, Asp.net, PHP, Java</td>
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<tr>
<td>10-Arid-303</td>
<td>Kamran Munir</td>
<td><a href="mailto:Kami450@yahoo.com">Kami450@yahoo.com</a></td>
<td>0321-5553098</td>
<td>BS-IT</td>
<td>Asp.net, HTML, C#</td>
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An ETL and BI Solution for Retail Business using TERADATA

Degree Program: MCS

Supervisor Name: Sheeraz Mughal

Problem Statement

Retail businesses always need a business intelligence solution to give their customers value and to expand by keeping a narrow profit margin, proved spectacularly successful.

Proposed Solution

Tools and Technologies

QlikView 11, Dimensional Modeling, ER Modeling, Teradata BTEQ, Teradata Fastload, Enterprise Dashboards Designing/Reporting, Teradata 13, Teradata SQL Assistant, Teradata Administrator

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<td>Umair Hussain</td>
<td><a href="mailto:mailbox.umair@gmail.com">mailbox.umair@gmail.com</a></td>
<td>0303-5508 775</td>
<td>B.Com (IT)</td>
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Big Data Analysis Using Hadoop

Degree Program: MCS

Supervisor Name: Sheeraz Mughal

Project Description

This project motive is to provide a platform to user by which user can easily upload a log file and perform search operations on it efficiently.

Problem Statement

How to solve the problem of analyzing big data

Proposed Solution

Using hadoop to solve big data analysis problems

Hadoop Used By:

Facebook, Google, Yahoo

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<tr>
<th>Registration #</th>
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<tr>
<td>12-arid-2190</td>
<td>Aun Tanveer</td>
<td><a href="mailto:aunabbas914@gmail.com">aunabbas914@gmail.com</a></td>
<td>0307-5376101</td>
<td>Matric Fsc</td>
<td>Vast experience \nWorked in php c++, java, .Net, c#</td>
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<td>Vast experience \nIn php, java, c++, .Net, c#</td>
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Cloud Interoperability

Degree Program:  MCS

Supervisor Name:  Sheeraz Mughal

Problem Statement:

The situation in which user data can’t move to any other database or the data store is called Vendor Locking Situation. Because the App Engine Data store is not a traditional relational database, queries are not specified using SQL. Instead, we can prepare queries using a SQL-like Query Language we call GQL. Google App Data store is functionally limited compared to a relational DB: no joins, no real data-integrity checks (such as uniqueness), and no GROUP BY and aggregation functions such as SUM etc. Transactions are only within one entity-group. That’s why there should be some solution.

Proposed Solution:

To avoid Vendor Locking Situation we are developing this solution to address Cloud Interoperability challenges. We will provide solution by developing an ETL layer (short for extract, transform, and load three database functions that are combined into one tool to pull data out of one database and place it into another database) between two Clouds. In short one who have data in Oracle can easily shift his database to Google app data store.

Tools and Technologies:

- Google app engine Launcher
- IDLE (Python GUI)

Salient Features:

Migration from Oracle DB to Google app data store.

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<tr>
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<td>Hamid Mumtaz</td>
<td>raja.hamid2000@gmail</td>
<td>0315-1537005</td>
<td>B-Tech BA Mcs</td>
<td>Php C, C# Python</td>
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<td>12-ARID-2225</td>
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<td>sheharyarzaka@gmail</td>
<td>0345-5889157</td>
<td>B.com Mcs</td>
<td>Php C, C# Python</td>
</tr>
</tbody>
</table>
Data Transformation between SQL and NOSQL

Degree Program: MCS
Supervisor Name: Sheeraz Mughal
Problem Statement

Companies operating at very large scale like Google, Yahoo or Facebook etc. does not have single data storage system due to several reasons.

Proposed Solution

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<tr>
<td>12-ARID_2223</td>
<td>Sarah Iftikhar</td>
<td><a href="mailto:Mailbox.abbasi@gmail.com">Mailbox.abbasi@gmail.com</a></td>
<td>0335-1593299</td>
<td>B.COM</td>
<td>PHP, SQL, NOSQL(MONGODB)</td>
</tr>
<tr>
<td>11-ARID_3199</td>
<td>Nayyer Sultana</td>
<td><a href="mailto:Nayyesultana.ibd@gmail.com">Nayyesultana.ibd@gmail.com</a></td>
<td>0321-5299799</td>
<td>BSC</td>
<td>PHP, SQL, NOSQL(MONGODB)</td>
</tr>
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</table>
Empirical Analysis on Reversible Data Hiding Based on Histogram Modification of Pixel Differences

Degree Program:  MCS  
Supervisor Name:  Tariq Ali  

Project Description  
We have to implement, evaluate and comparison different data hiding techniques which based on Histogram modification. In this implementation we will identify the strengths and weaknesses of techniques which we are going to implement in our proposed project.  

Proposed Solution  
Histogram Shifting technique is used to prevent overflow/underflow and to increase hiding capacity in the image we calculate the pixel difference between the adjacent pixels.

Tools and Technologies  
- Microsoft Visual studio  
- C#.Net  
- Rational Rose.

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<tr>
<td>12-ARID-2188</td>
<td>Arslan Ahmad Jazib</td>
<td><a href="mailto:Jazib88@yahoo.com">Jazib88@yahoo.com</a></td>
<td>0333-6367166</td>
<td>BSc(ACS)</td>
<td>Hardworking, PHP, CSS, JQuery, C#, C++</td>
</tr>
</tbody>
</table>
Fertilizer Recommender System For Arid Regions Of Pakistan

Degree Program: MCS
Supervisor Name: Tariq Ali

Project Description
The system recommends fertilizer along with their quantity to farmers for the provided input like soil test, crop type

Problem Statement
Fertilizer selection is a difficult task for farmers, which vary from crop to crop and soil to soil. Right quantity of the fertilizer can increase the yield. There is a need to have a recommender system that automatically recommends fertilizer along with the quantity based on the historical data.

Problem Solution
To facilitate farmers and to increase crop production, we are proposing fertilizer recommended system (using the Naive Bayes classifier) that will help the formers to get right type of fertilizer.

TOOLS AND TECHNOLOGIES:
- Microsoft Visual Studio 2010 (.NET using C#), Microsoft SQL server, Edraw ,Microsoft Office 2010

SALIENT FEATURES:
- Farmer, crop, fertilizer record management ,Recommend the fertilization time , ratio/quantity , Formula calculation (Bayes model) on dataset

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<tr>
<td>112-arid-2198</td>
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<td>B.SC</td>
<td>C++, OOP Web designing</td>
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<td>0334-0158258</td>
<td>B.SC</td>
<td>Web designing( using PHP), C++</td>
</tr>
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</table>
Paperless Office Environment

Degree Program: MCS
Supervisor Name: Sheeraz Mughal

Project Description:
Our project is basically a paperless office environment which is developed to convert paper document in paperless environment. File tracking system is used to store and manage paperless document.

Proposed solution
We are intended to develop a complete solution model for educational institutes that will be describing a complete end to end solution for establishment of paper based environment to paperless one.

Tools/Technologies
Windows7, Dreamweaver Cs6 using HTML, CSS, JavaScript, Wamp Server.

Salient features:
- All in one dashboard
- User Friendly interface
- Different widgets (calendar, currency converter, news, googlemap etc..)

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<tr>
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<td>MCS</td>
<td>Experience in educational institute</td>
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PRIVATE CLOUD DEPLOYMENT USING EUCALYPTUS

Degree Program: MCS
Supervisor Name: Sheeraz Mughal

Problem Statement
Despite the convenience they provide, many enterprises (US Department of Defense, for instance) will not allow employees to use services like NASA or SONY at work because they cannot tolerate the risk of trusting third-party cloud services to provide adequate security for their sensitive corporate data.

Proposed Solution
Eucalyptus is a free and open source computer software for building Amazon Web Services (AWS)-compatible private and hybrid cloud computing environments marketed by the company Eucalyptus Systems. Eucalyptus is the acronym for Elastic Utility Computing Architecture for Linking Your Programs to Useful Systems.

Tools and Technologies
Eucalyptus 3.4.2, VM Ware Work Station, Intel Core i5, 8GB Ram, 200 GB HD (Free Space)

Salient Features
- Configure multiple clusters with private network addresses into a single Cloud
- Resource administration and console
- Basic administrative tools for system management and user accounting
- Cloud usage reporting

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<td>0344-5008574</td>
<td>BA</td>
<td>Internship at Askari Bank PHP, WordPress CCNA</td>
</tr>
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</table>
Private Cloud Deployment Using Openstack

Degree Program: MCS
Supervisor Name: Sheeraz Mughal

Project Description

Private Cloud using OpenStack to enable enterprises and service providers to offer on-demand computing resources. Any enterprise or individual will acquire resources (cloud) and will pay as much they have used them.

- **Tools and Technologies**
  
  Following Technologies are used
  
  - VM WARE Workstation 10
  - Ubuntu 12.04
  - OpenStack Havana (Stable Release)
  - Custom Applications to host

- **Salient Features**
  
  Following are some silent features of OpenStack
  
  - Manage Server Resources
  - Multi-tenancy
  - Massive Scalability (IaaS, PaaS, SaaS)
  - Multi Network models
  - Hypervisor Support

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<td>N/A</td>
<td>Provided if asked</td>
<td>Designing, Web Development</td>
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Air Defense (Android Game)

Degree Program: MCS
Supervisor Name: Atif Junjua

Project Description
Our game “Air Fighter” is a shooting game in which you can take control of your jet fighter and take down the enemy forces. Your task is to eliminate as many enemies as you can. Move left and right to avoid the bullets from the aircrafts of your opponents.

Tools and Technologies
- Android Development Tool (ADT)
- Eclipse
- XML
- Java Development Tool Kit (JDK)
- JDK 7.0
- Corel Draw
- Adobe Illustrator
- MS Paint
- Resizer
- Accelerometer Control
- Touch Screen Control etc

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<td>Msc BSc Fsc Matric</td>
<td>Fresh</td>
</tr>
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Android Anti Theft Device App

Degree Program:  MCS
Supervisor Name:  Atif Junjua

Problem statement:
With the advancement in technology and ease of access to it in the modern era now a day having a mobile phone is a must because it eliminates the time taken to deliver a message or to communicate with a person. The advent of technology has evolved mobile phones into smart phones with variable platforms. People have many options and choices with them to select the platform and an echo system that helps synchronize many of the modern electronic devices, eliminating the pain of configuration between different devices. Particularly in the field of mobile operating systems ANDROID has gain much of the market share because of its being open source and easy availability.

Proposed Solution:
This application would enable a user to get hold on his mobile device to some extent and perform some actions remotely that would not be visible to the unauthorized user. There would be a series of actions that would be performed by the owner of the device that would ensure him to safely remove one's data if the device isn’t found and also it could get its coordinates to so that the device could be easily tracked, if not so it could be blocked so that no further unauthorized activities could be performed.

This application would have features like:

- Auto Enable GPS, Wi-Fi and mobile data
- GPS locations are uploaded through SMS
- Replace contact list, call log and messages with fake numbers, names and text (if no Sim is inserted)
- Update call log and messages with dialed numbers, sent text, and inserted Sim numbers (if Sim is inserted)
- Remotely delete all of the User’s personal data (calls, messages, contacts and gallery items) through a text message

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<td>MCS</td>
<td>Fresh</td>
</tr>
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</table>
Drawing Calculator

Degree Program: MCS
Supervisor Name: Mehtab Alam

Proposed Solution

- Conversion of the stroke in to string
- Calculating the result
- Sharing the output

Tools and Technologies
- Java(Android SDK)
- Eclipse
- Third Party API’s (Lipitk library).Android NDK

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<tr>
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<td>03366173390</td>
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<td>Android Developer</td>
</tr>
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Bug Reporting

Degree Program: MCS
Supervisor Name: Zeeshan Javed

Project Description

Bug reporting consists of tasks such as investigation, information gathering, testing and debugging throughout the whole process.

Proposed Solution

Tools and Technologies

- HTML/HTML5, CSS/CSS3, JavaScript, PHP, JQuery, XML
- MySQL
- Wamp

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<td>0315-6660690</td>
<td>BBA-ITM (Hons)</td>
<td>Web Skills Design + Database</td>
</tr>
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</table>
Human Resource Placement Unit

Degree Program: MCS
Supervisor Name: Sheraz Mughal

Project Description

The system will assist the organization in automating their human resources. It will be developed to automate the entire human resources of the organization currently. They are performing activities manually. The system will provide employee profile, employees and leave management, Submit daily work log and updated events and jobs facility.

Tools and Technologies

- ASP.Net
- HTML
- CSS
- SQL Server
- IIS
- MS Visual Studio
- C#
- J Query
- Json
- JavaScript
- Ajax

Salient Features

- Admin defines who has access to the system
- Recruitment process
- Applicant details
- Shortlisted candidates
- Record of Employees
- Educational
- Work Experience
- Job Information
- Submit daily work log.
- Leave Process

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<tr>
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<td>BSC, DIT, FSC</td>
<td>C++, PHP, Asp.net, Ajax, C#, JavaScript, Query, Json, MySQL, SQL Server</td>
</tr>
<tr>
<td>12-ARID-2256</td>
<td>Mohsin Inam</td>
<td><a href="mailto:mohsin.inam@gmail.com">mohsin.inam@gmail.com</a></td>
<td>0334-8750753</td>
<td>B.Com, ICS</td>
<td>C++, PHP, Asp.net, C#, JavaScript, SQL Server, MySQL</td>
</tr>
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News Feed Reader Application

Degree Program: MCS
Supervisor Name: Atif Janjua

Project Description

To develop a complete News feed application that will be describing a complete end to end solution extracting data from different sites for reading there xml to get news updates.

Tools and Technologies:

- .net
- C#
- xml

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<td>03015566223</td>
<td>ICS BSC(CS)</td>
<td></td>
</tr>
</tbody>
</table>
Fruit Basket (Android Game)

Degree Program: MCS
Supervisor Name: Atif Iqbal

Project Description
The game “Fruit Basket” is designed and developed keeping in view that it would be user friendly and also it would contain attractive interfaces that will attract people of all ages. The Interface of the game is designed/developed keeping in mind that it would be good looking, attractive at first sight, easy to understand and self-explanatory. This game comprises of simple concept i.e. fruits will be dropped from Air and basket will catches all the fruits falling from air.

Tools and Technologies
- Android Development Tool (ADT)
- Eclipse
- XML
- Java Development Tool Kit (JDK)
- JDK 7.0
- Corel Draw
- Adobe Illustrator
- MS Paint
- Resizer
- Accelerometer Control
- Touch Screen Control etc

Salient Features
- Easy to Play
- Efficiency
- User Friendly Interface
- Extensibility
- Scalability
- GUI

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<td>BSc ICS Matric</td>
<td>Fresh</td>
</tr>
</tbody>
</table>
Inter University Sports Activity Management System

Degree program:  MCS  
Supervisor Name: Sheeraz Mughal

Project Description:
Application provides a platform for institutes to arrange and manage the cross institute’s sports activities in order to facilitate physical growth of their students. Primary, Middle, Secondary, Higher Secondary are the institute's levels that can participates. Objective of this application is that irrespective of institute ranking and education system, students of different institutes have an equal opportunity to coordinate with each other, sharing their views, and enhanced mental and physical growth that result in minimizing the discrimination between public and private institutes.

Tools and technologies:

- html,  
- css,  
- JavaScript, 
- Jquery  
- php  
- MySQL  
- Xml  
- Ajax

Functional requirements:

- Login  
- Registration  
- Logout  
- Edit  
- Delete  
- Update  
- View profile  
- Approve status

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</tr>
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Virtual Classroom

Degree Program: MCS
Supervisor Name: Atif Janjua

Project Description

Online virtual classroom for UIIT Students.

Proposed Solution

![Diagram of virtual classroom system]

Tools and Technologies
- Windows XP/7
- PHP
- MYSQL

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<td>03138989336</td>
<td>MCS, BSC, ICS, Matriculation</td>
<td>Worked as junior instructor (IT)</td>
</tr>
<tr>
<td>12-ARID-2248</td>
<td>Iram Yousaf</td>
<td><a href="mailto:imran.malik8345@gmail.com">imran.malik8345@gmail.com</a></td>
<td>03030054617</td>
<td>MCS, BSC, ICS, Matriculation</td>
<td>1 year teaching experience in APS</td>
</tr>
</tbody>
</table>
Project Description

The project title is “Student Skill Set Center” is the process of applying Student only for internship in any Organization or Company. A need for common platform for interaction between students and Tech Companies offering internships is essential. Through this platform it would be quite easy for students and companies to interact with each other in a more effective and efficient way that would save both precious time and resources of both the parties.

Proposed Solution:

Tools and Technologies

HTML5, CSS3, PHP, AJAX, JQuery, Javascript
Wamp, SQLyog, Dreamweaver

| Registration #  | Student Name       | Email-id             | Contact #        | Academic
<table>
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<tr>
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<th></th>
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<td>12-ARID-2201</td>
<td>Kirab Sabir Satti</td>
<td><a href="mailto:k_s_satti@yahoo.com">k_s_satti@yahoo.com</a></td>
<td>03075414416</td>
<td>MCS</td>
</tr>
<tr>
<td>12-ARID-2281</td>
<td>Yasmeen Akhter</td>
<td><a href="mailto:yashmeenkhan55@yahoo.com">yashmeenkhan55@yahoo.com</a></td>
<td>03435655185</td>
<td>MCS</td>
</tr>
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</table>
SMARTCARDS for Professionals
Degree Program: MCS
Supervisor Name: Mr. Zeeshan Javed

Problem Statement
Normal Business cards for Professionals contain limited information on the cards. So other people cannot see all details on the card like resume, work history, education history, skills, certifications etc.

Proposed Solution
All provided Smartcards will contain a QR (Quick Response code is a machine-readable code consisting of an array of black and white squares, typically used for storing URLs or other information for reading by the camera on a Smartphone.) along with normal business cards info. They will be direct to Smartcards holder profile on Mobile interface, from where people can see all of their information like other social networks. People can add Holder's contact information to their mobile.

Tools and Technologies
- Visual Studio 2008 or Higher
- ASP.NET
- SQL Server
- Windows OS

<table>
<thead>
<tr>
<th>Registration#</th>
<th>Student Name</th>
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<tr>
<td>12-ARID-2264</td>
<td>Naveed Abbas</td>
<td><a href="mailto:naveedabbas207@gmail.com">naveedabbas207@gmail.com</a></td>
<td>0321-5850825</td>
<td>2002 Matric 2009 FA 2012 BA</td>
<td>HTML,CSS JavaScript,C++ PHP,C#</td>
</tr>
<tr>
<td>12-ARID-2270</td>
<td>Sadaf Muffasreen</td>
<td><a href="mailto:sadafabbasi926@yahoo.com">sadafabbasi926@yahoo.com</a></td>
<td>0315-55088672</td>
<td>2006 Matric 2008 I.com 2012 BA</td>
<td>HTML CSS PHP C#</td>
</tr>
</tbody>
</table>
BRAND ACTIVATION SERVICES

Degree Program: MCS-4 (Evening)
Supervisor Name: Mr. Sheeraz Mughal

Problem Statement
There is no online platform for marketing promotional activities where organizations can create its projects for brand activation. There is a need of central platform to provide a service of skilled marketing teams to those organizations that are interested in promotions of their product’s brands through BTL Marketing in different areas of Pakistan.

Proposed Solution
Marketing Agency (admin) creates profiles of their skilled marketing staff along with the declaration of the noted locations in different cities of Pakistan suitable for brand promotional activities. Once the client posts its project, admin create team from specified profiles and show it to client for approval. After client’s approval, Admin starts promotional activity in specified locations by client. Admin generates Quality Assurance reports on daily bases. Importance of daily reports is that client will remain updated about project progress and can do back checking of promotional activity either through third party or itself.

Tools and Technologies
Windows 8, Visual Studio 2013, Oracle 11g

Salient Features:
- Admin creates profiles of skilled marketing staff based on experience and qualifications
- Admin can manage admin and feedback messages.
- Admin can generate daily base quality assurance reports.
- Client can create project.
- Client can view and approve teams.
- Client can view Quality assurance reports.

<table>
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<th>Email-id</th>
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<tr>
<td>12-Arid – 2550</td>
<td>Sohaib Majeed</td>
<td>sohaibmajeed <a href="mailto:808@yahoo.com">808@yahoo.com</a></td>
<td>03338354831</td>
<td>BBA(Hons)-MCS</td>
<td>JAVASCRIPT,PHP,MYSQL,ORACLE,MS ACCESS</td>
</tr>
</tbody>
</table>
Student Scholarship Distribution

Degree Program: Mcs-4 (evening)

Supervisor Name: Sir Sheeraz Mughal

Project Description

The organizations and the universities who are offering any sort of scholarships can easily give it to needy students.

Proposed Solution

- Providing the solution of workload problem.
- Facilitate to resolve the problem of data maintenances and search, deficiency of timely notification for application deadline and time consumption communication.
- Students can register, login, apply and search Scholarships.
- User of the system student, university and organization can view scholarship, apply scholarship and offer scholarship.

Tools:
- HTML
- Ajax and (JavaScript)
- PHP
- Mysql
- Web Server
- MS VISIO 2010

<table>
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<tr>
<td>12-ARID-2279</td>
<td>Umber Qazi</td>
<td><a href="mailto:Amber.shahid16@gmail.com">Amber.shahid16@gmail.com</a></td>
<td>03351593655</td>
<td>Ics,Bsc,Mcs</td>
<td>Php,c++,mysql</td>
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<tr>
<td>12-ARID-2275</td>
<td>Sumaira Asif</td>
<td><a href="mailto:Sumairaasif01@yahoo.com">Sumairaasif01@yahoo.com</a></td>
<td>03341805119</td>
<td>Ics,BBA,Mcs</td>
<td>Php,c++,mysql</td>
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Online Crime Reporting System

Degree Program: MCS

Supervisor Name: Sir Zeeshan Javeed

Proposed Solution (use diagrammatical representation)

Salient Features
  - Reducing crime and disorder, Confidently and anonymity issues, Easy to Manage huge data of criminals, User friendly, 24 hrs Availability, Easy to Approach

Tools and Technologies
  - Windows XP/7
  - PHP
  - MYSQL

<table>
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<tr>
<td>12-Arid-2249</td>
<td>Kashif Masood Abbasi</td>
<td><a href="mailto:kashif1870@gmail.com">kashif1870@gmail.com</a></td>
<td>0332-5387393</td>
<td>BSc MCs</td>
<td>1) Two years experience as a Quality Checker</td>
</tr>
<tr>
<td>12-Arid-2258</td>
<td>Muham mad Akram</td>
<td><a href="mailto:akram.pakistan@gmail.com">akram.pakistan@gmail.com</a></td>
<td>0307-8560269</td>
<td>BSc MCs</td>
<td>1) One year experience as IT Instructor</td>
</tr>
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“CHARRETTE PRO”

Degree Program:MCS

Supervisor Name: Sir Atif Janjua

Project Description

Our Project “Charrette Pro” is basically a Project Management App through which member can assign project / task to other members & non-members without leaving their own desk.

Proposed Solution

We intend to develop a complete Project Management App “Charrette Pro” that will be describing a complete end to end solution from project making/assigning/monitoring, till its completion.

Tools and Technologies

<table>
<thead>
<tr>
<th>OS</th>
<th>Windows 7 &amp; 8 (Core i3 Processor)</th>
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<tbody>
<tr>
<td>Language</td>
<td>PHP</td>
</tr>
<tr>
<td>Database</td>
<td>WAMP Server (MY SQL)</td>
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<tr>
<td>Platform</td>
<td>Notepad++</td>
</tr>
<tr>
<td>Browser</td>
<td>Google Chrome</td>
</tr>
<tr>
<td>Other Languages &amp; Tools</td>
<td>HTML, CSS, JavaScript, IIS</td>
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</table>

Salient Features

- Project & Task Making/ Assignment Module
- User/ Applicant Tracking feature
- Calendar Integration with Projects and Tasks Module.
- Pie chart Integration with Projects Status for Daily Activity Tracking.
- Chat Module, for real time communication.
- Followers, the responsible members of the team regarding project or task.
- File Sharing, by uploading on the same thread, Project or Task.
- Job Portal/ Career Hunt

<table>
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<tr>
<td>12-Arid-2235</td>
<td>Adnan Zafar</td>
<td><a href="mailto:adnanzafar50@hotmail.com">adnanzafar50@hotmail.com</a></td>
<td>0332-5129387</td>
<td>BE(TE)</td>
<td>Fresh</td>
</tr>
<tr>
<td>12-Arid-2263</td>
<td>Natasha Asghar</td>
<td><a href="mailto:natashah_asghar@yahoo.com">natashah_asghar@yahoo.com</a></td>
<td>0322-5779509</td>
<td>BA</td>
<td>Fresh</td>
</tr>
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</table>
Online Chat Application

Degree Program: MCS

Supervisor Name: Atif Iqbal Janjua

Project Description

It is basically a web based system. The need of developing this application arises so that while sitting in the remote or local offices of an organization people could be able to communicate not only via text but also via voice with each other.

Proposed Solution:

The system is designed and developed keeping in view that it should be user friendly, Navigation should be easy and it should have easy understanding for the user. The interface of the system is developed keeping in the view that it should be good looking, attractive, easy to understand and self-explanatory. It is also equipped with state of security features, which enables only the authorized people to view or modify the sensitive information. The information is protected by login and password, which can be assigned to registered user of the system only.

Tools and Technologies:

Microsoft visual studio 2012, ASP.NET, Ajax, MVC4.

Functional Requirements:

- Registration
- Login
- Add Friend
- Delete Friend
- File sharing
- Individual Chat
- Group chat
- Admin Panel
- Logout

<table>
<thead>
<tr>
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<tr>
<td>12-ARID-2268</td>
<td>Sadaf Bibi</td>
<td><a href="mailto:sadaf_jabeen392@yahoo.com">sadaf_jabeen392@yahoo.com</a></td>
<td>03478572841</td>
<td>MCS IV</td>
<td>None</td>
</tr>
<tr>
<td>12-ARID-2236</td>
<td>Adrish Rubab</td>
<td><a href="mailto:syeda091993@yahoo.com">syeda091993@yahoo.com</a></td>
<td>03315219703</td>
<td>MCS IV</td>
<td>None</td>
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</table>
Network monitoring Application

Degree Program: MCS

Supervisor Name: Atif Janjua

Proposed Solution

To develop a complete Network sniffer application that will be describing a complete end to end solution extracting data from different clients connected to a LAN either with Ethernet switch or Wirelessly.

To propose network Monitoring application influenced by best practice solution.

Tools and Technologies:

- C#
- .net Framework
- Windows7

<table>
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<th>Contact #</th>
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<th>Experience/skills</th>
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<tbody>
<tr>
<td>12-arid-2253</td>
<td>Majid Mehmood</td>
<td><a href="mailto:Rajamajidali6@gmail.com">Rajamajidali6@gmail.com</a></td>
<td>03335494554</td>
<td>BA(Economics &amp; Education) Fsc</td>
<td>Works as Network Administrator in Well Known organization. Past 16 years</td>
</tr>
</tbody>
</table>
MIT MORNING
BIG DATA ANALYSIS USING PRESTO

Degree Program: MIT-4

Supervisor Name: Sir Sheeraz Mughal

Project Description

To build presto which will be able to process tera bytes of data in distributed environment with fastest query latency and accurate results. Presto has data sources of hive and Hadoop (HDFS). Facebook is using presto now a days in the distributed environment to handle data of thousands of nodes.

Tools and Technologies

- Hadoop
- Hdfs
- Map
- Reduce
- Hive
- Presto
- Virtual Machine
- CentOS 6.5

<table>
<thead>
<tr>
<th>Registration #</th>
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<tr>
<td>12-arid-2324</td>
<td>Seher Saeed</td>
<td><a href="mailto:seher.arid@gmail.com">seher.arid@gmail.com</a></td>
<td>0333-5290290</td>
<td>ICS, BSC</td>
<td>Teaching and done Projects in C++, java, C#, HTML, CSS,</td>
</tr>
<tr>
<td>12-arid-2282</td>
<td>Adnan Arshad</td>
<td><a href="mailto:adnan.arshad87@hotmail.com">adnan.arshad87@hotmail.com</a></td>
<td>0345-5084766</td>
<td>ICS, BS(CS)-Honors</td>
<td>Done job in IOM (UNO) in Database of Pakistan and Watan card 2010-2011 flood Project/ java, ASP.NET, C#</td>
</tr>
<tr>
<td>12-arid-2317</td>
<td>Qurat-ul-ain</td>
<td><a href="mailto:aanie1693@yahoo.com">aanie1693@yahoo.com</a></td>
<td>0308-5048452</td>
<td>ICS, Bachelor in ACS</td>
<td>Computer Teacher/C,C++, HTML, CSS,</td>
</tr>
</tbody>
</table>
Multi-DBMS

Degree Program: MIT
Supervisor Name: Bilal Bashir

Project Description
The scope of this project is to develop a tool that acts as a front end for multiple databases. This tool provides a visual environment for performing different operations on database objects on multiple DBMS like create table, insert data, execute query, create primary key, drop table, and delete data through visual interface.

Proposed Solution

<table>
<thead>
<tr>
<th>Registration #</th>
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<th>Academics Details</th>
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<tr>
<td>12-Arid-2301</td>
<td>Mirza Amaad UlHaq Tahir</td>
<td><a href="mailto:amaadmirza@gmail.com">amaadmirza@gmail.com</a></td>
<td>0306-5550500</td>
<td>F.Sc B.COM(IT)</td>
<td>JAVA, Databases (SqlServer, MySQL, Postgresql), Ms Office</td>
</tr>
<tr>
<td>12-Arid-2328</td>
<td>UbaidUllah</td>
<td><a href="mailto:ubaid545@yahoo.com">ubaid545@yahoo.com</a></td>
<td>0344-8185855</td>
<td>ICS B.COM(IT)</td>
<td>Databases (SqlServer, MySQL, Postgresql), JAVA (JSP &amp; servlet)</td>
</tr>
<tr>
<td>11-Arid-3316</td>
<td>SamiaAslam</td>
<td><a href="mailto:samiaqureshi58@yahoo.com">samiaqureshi58@yahoo.com</a></td>
<td>0332-5472734</td>
<td>I.COM B.COM(IT)</td>
<td>Basic information of computer communication</td>
</tr>
</tbody>
</table>
**BIGDEAL.CO**

**Degree Program:** MIT

**Supervisor Name:** SIR Shehraz Mughal

**Project Description**

Our project is all about different kind of discount deals from world's famous companies. Only registered companies can post their deals. At another side customer can login with "BIGDEAL" and request for id of specific product. From "BIGDEAL" an id will be forwarded to company's warehouse and to the customer at the same time. At very cheap rates you can purchase qualified products.

**Problem Statement**

To provide open rights to both company & customer and managing the security issues related to them.

**Proposed Solution**

To generate high traffic and to provide customers products with low price.

**Tools and Technologies**

- Asp.net
- Adobe Photoshop
- Visual Studio 2010

**Salient Features**

<table>
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<tr>
<th>Registration #</th>
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<td>11-Arid-3295</td>
<td>Anum Shabbir</td>
<td><a href="mailto:anumshabbir20@gmail.com">anumshabbir20@gmail.com</a></td>
<td>03085184020</td>
<td>Fsc, Bsc in Computer science, B.Ed, MIT</td>
<td>Asp.net, c++, computer courses</td>
</tr>
<tr>
<td>12-Arid-2314</td>
<td>Nazish Sehar</td>
<td><a href="mailto:nazishsehar82@gmail.com">nazishsehar82@gmail.com</a></td>
<td>03359058890</td>
<td>Ics, bsc in computer science now in MIT</td>
<td>php, Asp.net</td>
</tr>
<tr>
<td>12-Arid-2295</td>
<td>Kanwal Shehzadi</td>
<td><a href="mailto:kanwalmuhammad10@gmail.com">kanwalmuhammad10@gmail.com</a></td>
<td>03030859274</td>
<td>premedical, bsc, MIT</td>
<td>Asp</td>
</tr>
</tbody>
</table>
Android Based Home Automation System

Degree Program: MIT

Supervisor Name: Sheraz Mughal

Project Description

The latest result of technological advents that give the freedom to control all the automated devices around home remotely.

Problem Statement

- Being physically present at the spot
- No knowledge of the appliance running at the location
- The appliances cannot be accessed from a remote point

Proposed Solution

An Android based cell phone would have the App on it. This App would connect to the server Application over the internet. The server would be directly connected to the Arduino Board. Arduino Board has many pins and three of which will be connected to three devices.

Tools and Technologies

Eclipse IDE (SDK, ADT, JRE, JDK), Android emulator, Arduino IDE, APIs, Arduino Simulator, Android AVD, SDK, Adobe Photoshop

<table>
<thead>
<tr>
<th>Registration #</th>
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<tr>
<td>11-arid-3299</td>
<td>Farah Jabeen</td>
<td><a href="mailto:Farya_jabeen@yahoo.com">Farya_jabeen@yahoo.com</a></td>
<td>0345-3366107</td>
<td>B.Com and currently doing MIT</td>
<td>Networking</td>
</tr>
<tr>
<td>11-arid-3296</td>
<td>Asma Rehman Mirza</td>
<td><a href="mailto:Asma_mirza21@yahoo.com">Asma_mirza21@yahoo.com</a></td>
<td>0314-5386756</td>
<td>B.sc and currently doing MIT</td>
<td>Networking</td>
</tr>
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</table>
ONLINE GIFT SHOP

Degree Program: MIT

Supervisor Name: SHEERAZ MUGHAL

Problem Statement

The GIFT SHOP APPLICATION avoids more manual hours that need to spend in market and malls.

Proposed Solution

This application keeps the items in a centralized way which is available to all the users simultaneously. It is very easy to manage historical data in database. No specific training is required for the distributors to use this application. They can easily use the tool that decreases manual hours spending for normal things and hence increases the performance. It is very easy to record the information of sales and purchases in the databases.

Tools and Technologies

- Java
- php

<table>
<thead>
<tr>
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<th>Email-id</th>
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<th>Academics Details</th>
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<tr>
<td>12-arid-2290</td>
<td>Fatima</td>
<td><a href="mailto:mastersinit@yahoo.com">mastersinit@yahoo.com</a></td>
<td>03325347303</td>
<td>MATRIC FA BA MIT</td>
</tr>
<tr>
<td>12-arid-2327</td>
<td>Shiza</td>
<td><a href="mailto:Uheart84@yahoo.com">Uheart84@yahoo.com</a></td>
<td>03319894828</td>
<td>MATRIC FSC BA MIT</td>
</tr>
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Cooking Recipe Portal

Degree Program: MIT

Supervisor Name: Sir Sheraz Mughal

Problem Statement

People face difficulty to get the latest recipes of their favorites chefs.

Proposed Solution

Providing a platform for chef and viewers to keep in touch with their chefs and get the latest updates and recipes.

Tools and Technologies

- Rational Rose
- SQL Server
- Visual Studio
- .net

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<td>12-Arid-2294</td>
<td>Iqra Sultan</td>
<td><a href="mailto:Sajal_qureshi@yahoo.com">Sajal_qureshi@yahoo.com</a></td>
<td>03125610200</td>
<td>MIT from Arid Agriculture university.</td>
<td>Asp.Net, C++, java</td>
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<tr>
<td>12-Arid-2296</td>
<td>Kiran Shehzadi</td>
<td><a href="mailto:Princesskiran26@ymail.com">Princesskiran26@ymail.com</a></td>
<td>03461938256</td>
<td>MIT from Arid Agriculture university.</td>
<td>Asp.net, C++, java</td>
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<tr>
<td>12-Arid-2312</td>
<td>Nadia Perveen</td>
<td><a href="mailto:Nadiaparveen455@yahoo.com">Nadiaparveen455@yahoo.com</a></td>
<td>03415412070</td>
<td>Bcom from RCC, MIT from Arid Agriculture university.</td>
<td>Asp.net, C++, java</td>
</tr>
</tbody>
</table>
Agro Hardware Portal

Degree Program: MIT

Supervisor Name: Mr. Sheeraz Mughal

Problem Statement

People will buy and sell agricultural tools and goods from Agro Hardware Portal (online) that was not available before.

Proposed Solution

This portal will remove the problems of buying and selling agriculture tools.

Tools and Technologies

- HTML
- CSS
- JavaScript
- PHP
- Dreamweaver
- Wampserver
- Rational Rose.

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<tr>
<td>12-Arid-2283</td>
<td>Afifa tariq</td>
<td><a href="mailto:afifa.tariq05@yahoo.com">afifa.tariq05@yahoo.com</a></td>
<td>0323-5696173</td>
<td>Masters in Information Technology (MIT)</td>
<td>HTML,PHP,JavaScript,CSS</td>
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<tr>
<td>12-Arid-2315</td>
<td>Nusrat Jahan</td>
<td><a href="mailto:Nusrat.jq@gmail.com">Nusrat.jq@gmail.com</a></td>
<td>0311-9570841 0335-9067315</td>
<td>Masters in Information Technology (MIT)</td>
<td>HTML,PHP, JavaScript, CSS Project Management, Team management.</td>
</tr>
<tr>
<td>12-Arid-2318</td>
<td>Roja jabeen</td>
<td><a href="mailto:rohajabeen@yahoo.com">rohajabeen@yahoo.com</a></td>
<td>0331-5069367</td>
<td>Masters in Information Technology (MIT).</td>
<td>Web designing</td>
</tr>
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</table>
HORTICULTURE CROPS SYSTEM

Degree Program: MIT

Supervisor Name: BILAL BASHIR

Problem Statement

It's basically a web-based application design for horticulture Department. The system is developed to facilitate the student, farmer, and teacher of the horticulture department to help them to get the information about the departmental activities, horticulture crops and production technology that is used for cultivation, harvesting of crops.

Proposed Solution

Tools and Technologies

- Rational Rose
- SQL SERVER 2008
- ASP.NET

<table>
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<td>Hassan ur rehman</td>
<td><a href="mailto:Pieces_mac57@yahoo.com">Pieces_mac57@yahoo.com</a></td>
<td>03135026716</td>
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<td>12-ARID-2297</td>
<td>Majid javaid</td>
<td><a href="mailto:majidjavaid@rocketmail.com">majidjavaid@rocketmail.com</a></td>
<td>03328008000</td>
<td>MIT(4)</td>
<td>ASP.NET SQL SERVER</td>
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</table>
Online Shopping System

Degree Program: MIT
Supervisor Name: Sheeraz Mughal

Project Description

The scope of this project This System allows the user to purchase product online. It provides an easy way of shopping. This system is user friendly, any user visit this site and view the product easily. The customer can purchase product easily. He interacts to his system and search the required product. The system displays all products with its various categories, brand name, price images etc. The customers will payment through ATM card via PayPal.

Propose Solution

<table>
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<tr>
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<td>11-Arid-3308</td>
<td>Mubeen Tabassum</td>
<td><a href="mailto:momi_mabassum@yahoo.com">momi_mabassum@yahoo.com</a></td>
<td>0314-5387906</td>
<td>D.com B.COM(IT) MIT from Arid University</td>
<td>ASP.Net, Web, Accounting, PHP, Power Point…… communication &amp; Technical writing skills</td>
</tr>
<tr>
<td>12-Arid-2291</td>
<td>Gohar ayuub</td>
<td><a href="mailto:gohar026@gmail.com">gohar026@gmail.com</a></td>
<td>0332-6262026</td>
<td>ICS B.COM(IT) MIT from Arid University</td>
<td>ASP.Net, PHP, JAVA, Web, C++, MS Office Full Command, Win XP Win7, Win8, Accounting……</td>
</tr>
<tr>
<td>12-Arid-2286</td>
<td>Ayesha fiaz</td>
<td><a href="mailto:ayeshafiaz123@yahoo.com">ayeshafiaz123@yahoo.com</a></td>
<td>051-4471992</td>
<td>ICOM B.COM(IT) MIT from Arid University</td>
<td>Basic information of computer Web, Asp.Net…….</td>
</tr>
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</table>
ONLINE JOB PORTAL

Degree Program: MIT

Supervisor Name: Sir Sheraz Mughal

Project Description

This system is designed to help the candidates to find their jobs online and likewise to help recruiters to find appropriate candidates. To find job, a candidate can search for a job after making his/her profile.

Problem Statement

- Time Consumption (Every resume has to be read carefully and then selected).
- Memory Management Inefficiency
- Unnecessary usage of resources.

Proposed Solution

To eliminate all the above difficulties software will be created, Job seeker can create their resume online and can apply for a job. A user interface screen will be given where the authority concerned will just choose the requirement and based on the requirement those resumes that are matching would be selected.

Tools and Technologies

- php
- Dreamweaver

<table>
<thead>
<tr>
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<td>12-Arid-2299</td>
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<td><a href="mailto:Maryam_asghar@ymail.com">Maryam_asghar@ymail.com</a></td>
<td>03360519970</td>
<td>Matric,ICS,BSc</td>
<td>Dot net</td>
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<td>Rubab Iftikhar</td>
<td><a href="mailto:rubabmit@yahoo.com">rubabmit@yahoo.com</a></td>
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<td>12-Arid-2298</td>
<td>Maria Zahra</td>
<td></td>
<td>03470918701</td>
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VOIP

Degree Program : MIT

Supervisor Name: Sheraz Mughal

Project Description

A technique to transmit voice as packet using internet protocol. Voice signal is digitalized compressed converted to IP packet and then transmitted over any IP.

Problem Statement

Currently the underlying organization is using PSTN PBX 12+112, TO provide Inter-office communication. The currently available setup can be explained to support growing needs but it would be cost extensive. Cost matter in this case in term of communication equipment like phone sets, cabling, PBX hardware etc.

Tools and Technologies

- Microsoft Visual studio c#
- Microsoft Sql Server
- Rational Rose

Salient Features

- Private and Broadcast Chat
- File Transferring
- Audio and Video Calling

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<tr>
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<td><a href="mailto:mann_yar789@yahoo.com">mann_yar789@yahoo.com</a></td>
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<tr>
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<td>M.Asim Satti</td>
<td><a href="mailto:satti_asim2000@yahoo.com">satti_asim2000@yahoo.com</a></td>
<td>03445448879</td>
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Online Registration and Testing System

Degree Program: MIT

Supervisor Name: Sheraz Mughal

PROPOSED SOLUTION

To develop a complete web-based application which should satisfy each aspect of e-testing. The system will contain a well design database to keep certain records. The system will contain different types of interfaces each of which carry different objects. Our system is designed such that it becomes well fit in the client server environment.

Tools and Technologies

- Php
- Wamp server
- Dreamweaver

Silent Features

- Efficiency.
- User Friendly Interface.
- Minimum Redundancy
- Facilitated Data Input
- Data Security And Integrity
- Technical Innovation

<table>
<thead>
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<td>12-arid-2321</td>
<td>Sana Sajjad</td>
<td><a href="mailto:Minhas.rajpoth@hotmail.com">Minhas.rajpoth@hotmail.com</a></td>
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<td>Shafaq Sharif</td>
<td><a href="mailto:Eshakhan3311@yahoo.com">Eshakhan3311@yahoo.com</a></td>
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<td>03335518967</td>
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MIT
EVENING
CLIENT SERVER BASED LIVE MEETING

Degree Program: MIT 4 (evening)

Supervisor Name: Sir Atif Iqbal

Project Description

This project is mainly developed for the communication of Employees of organization located at different locations. The project entitled “Live Meeting” set of platform for the project leaders and administrator to send messages to keep constant interaction with the programmers.

Problem Statement


Proposed Solution

Tools and Technologies


Salient Features

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<td>11-arid-3247</td>
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<td><a href="mailto:Sadaf.aries@gmail.com">Sadaf.aries@gmail.com</a></td>
<td>03015567277</td>
<td></td>
<td>Asp.net</td>
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</table>
E MEDICATION AND MEDICAL RECORD KEEPING AND TRACKING SYSTEM

Degree Program: MIT

Supervisor Name: Sir Bilal Bashir

Project Description

Problem Statement

To facilitate a patient by developing a web application in which patient can get his/her prescription while sitting at home without and medical record of a patient can be saved and retrieved online.

Proposed Solution

This project is an online web application based on ASP.net and is designed to provide an online platform for users to get know about their diseases and to get an online prescription on the basis of provided symptoms and the system will maintain patients medical data history and provide facility to update it and further more it provides facility of online BMI checking, medical tests advisor and latest health articles.

Tools and Technologies

- ASP.Net and C#
- SQL Server 2008 R2
- Visual Studio 2010

<table>
<thead>
<tr>
<th>Registration #</th>
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<tr>
<td>12-Arid-2339</td>
<td>Bilal Akhtar</td>
<td><a href="mailto:bilal.akhtar25@gmail.com">bilal.akhtar25@gmail.com</a></td>
<td>03368111141</td>
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<td>C#,ASP.net</td>
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<td>12-Arid-2379</td>
<td>Umair Shams</td>
<td><a href="mailto:Umairshams1991@yahoo.com">Umairshams1991@yahoo.com</a></td>
<td>03348705040</td>
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E-Paper System
Degree Program: Masters in Information Technology

Supervisor Name: Atif Iqbal Janjua

Problem Statement
To select the students for appropriate seats manual tests are taken by institutes. Due to the participating of large number of students it took more time to declare results. There are also some chances of human errors.

Proposed Solution

Tools and Technologies
- Asp.net, C#
- Visual Studio 2010, Sql Server 2012

Salient Features
- MCQs type questions.
- Automatic result generation
- Paper will start at specific time (that will be set by teacher)

<table>
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<tr>
<td>12-arid-2335</td>
<td>Abid Hussain</td>
<td><a href="mailto:abiwedn5@gmail.com">abiwedn5@gmail.com</a></td>
<td>0324-7634143</td>
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<tr>
<td>12-arid-2359</td>
<td>Muhammad Tauqeer</td>
<td><a href="mailto:tauqerziapk@yahoo.com">tauqerziapk@yahoo.com</a></td>
<td>0345-3819141</td>
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<td>12-arid-2365</td>
<td>Qaisar Allah Rakha</td>
<td><a href="mailto:qaisar_ar@yahoo.com">qaisar_ar@yahoo.com</a></td>
<td>0347-9428348</td>
<td>MIT(Cont)</td>
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Human Resource Management System

Degree Program: MIT

Supervisor Name: Sir. Atif Iqbal

Problem Statement

The existing system is a web base system of limitations like Proper profile and CV managing and No system of CV scanner for company to find a right person for a right job. More over consumption of time can be reduced to far greater extend by the implementation of the proposed system.

Proposed Solution

To provide the information about the job seekers to the industries. Company can get the information about the proper candidate according to their requirement.

Tools and Technologies

- Netbeans
- Ms Sql Management Studio
- Apache Tomcat
- Adobe Photoshop CS
- Java Sever Pages(JSP)
- Java Servlet
- XML
- Ms Sql

<table>
<thead>
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<td><a href="mailto:awansagi@live.com">awansagi@live.com</a></td>
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<td>Java Web</td>
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Fall Detection (Android Based)

Degree Program: MIT

Supervisor Name: Atif Iqbal Janjua

Problem Statement

To develop a cell phone based pervasive fall detection system that does not require any extra gadgets to be attached. The system should also report this information about fall to health care personals via SMS, e-mail and call.

Proposed Solution

Our system operates on a smart phone having accelerometer sensor and requires different permission like send message, listen call state, etc

Tools and Technologies

Tools: Eclipse IDE, Android Plug-in for Eclipse, Technologies Used: Java, SQLite, XML, For running application following are the software requirements, Operating System: Android 2.3.3 or higher versions, Network, Wi-Fi Internet or cellular Network

Salient Features

Home Screen, Info Screen, Alarm Screen, Settings Screen, Personal Information Screen, Diseases Screen, Set Emergency Numbers Screen, Set Phone Number Screen, Set SMS Numbers Screen, Login Screen Set Email Screen, Set Template Screen, Set Alarm Ringtone Screen, Set Algorithm Screen, Notification In Notification Bar

<table>
<thead>
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<td>12-ARID-2378</td>
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<td><a href="mailto:Anila.nisaar@gmail.com">Anila.nisaar@gmail.com</a></td>
<td>0314-5057373</td>
</tr>
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PC to Android Phone Remote Desktop Sharing System

Degree Program: MIT

Supervisor Name: Atif Iqbal Janjua

Problem Statement

Mostly users have a lot of problems with the Apps installation, running and proper use of Apps and some users have OS problems like internet access problem, wallpaper change. For sharing of files, people use Bluetooth which does not cover distance more than a limit.

Proposed Solution

To facilitate users and give them a bit of easiness in learning and solving their problems, we will make an app called “PC to Android Phone Remote Desktop Sharing System”. It is just like a remote desktop application for computers. In simple words, it enables a person to control PC by his own Android phone. It enables us to access computer anywhere within our network, it saves time. It does cover more distance than Bluetooth. In our proposed system we provide access to those Android phones which are in our own network.

Tools and Technologies

- Eclipse 3.5 or greater
- Android SDK 3.0
- JDK 7.0.

<table>
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<tr>
<td>12-ARID-2376</td>
<td>Sumaira Khaunam</td>
<td><a href="mailto:Ssatti75@yahoo.com">Ssatti75@yahoo.com</a></td>
<td>03360070606</td>
</tr>
<tr>
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<td>Saba Satti</td>
<td><a href="mailto:Sabasatti84@yahoo.com">Sabasatti84@yahoo.com</a></td>
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</table>
Online Cricket Information

Degree Program: MIT4 (Eve)

Supervisor Name: Mr. Atif Iqbal

Project Description

Cricket association website project is implemented in java platform. In cricket playing countries every state contains their own cricket association website. In order to provide updated news to cricket fans all over the world information is updated to website some of them are espncricinfo.com. In this project we will implement similar web portal which contains information about league matches and database of every cricketer with their stats till date and Upcoming matches and stats on wins and losses. Feedback option is provided for users to improve standards of cricket and fans can even subscribe to latest news that are updated on site and get information to their mail.

Proposed Solution

To reduce the cost and time involved in manual system
To avoid any discrepancies in the record

Tools and Technologies

- Microsoft SQL Server 2008 R2
- Microsoft Visual Studio 2010

<table>
<thead>
<tr>
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<tr>
<td>11-arid-3243</td>
<td>Mushtaq Ahmad</td>
<td><a href="mailto:Ahmadmushtaq141@gmail.com">Ahmadmushtaq141@gmail.com</a></td>
<td>03346205500</td>
<td>MIT</td>
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</table>
ONLINE TOUR RESERVATION SYSTEM

Degree Program: MIT 4

Supervisor Name: Mr. Atif Iqbal Janjua

Project Description

The first basic requirement is online reservation and selection of transport that will be done online. This feature provides the user ease in making reservation and also upgrades the travel standard because now a day every highly standard travelling system has this facility.

Proposed Solution:

- To reduce the cost and time involved in manual system
- To avoid any discrepancies in the record

Tools and Technologies:

- Ajax Tool Kit
- Dev Express
- Microsoft SQL Server 2008 R2
- Microsoft Visual Studio 2010

<table>
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<td>Mohsin adalat</td>
<td><a href="mailto:Mohsin36295@hotmail.com">Mohsin36295@hotmail.com</a></td>
<td>0336-5034616</td>
<td>MIT</td>
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<tr>
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<tr>
<td>12-arid-23</td>
<td>Syed aoun haider</td>
<td><a href="mailto:Mind_master@hotmail.com">Mind_master@hotmail.com</a></td>
<td></td>
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STEGANOGRAPHY

Degree Program: MIT

Supervisor Name: Mr. Atif Iqbal

Project Description

This project is used for security purpose, this is the new and advance technique for hiding information behind the image.

Proposed Solution

- We are intended to develop a hiding technique for sensitive information which is very important for organization and they do not want to show this sensitive information to others.
- The system is only provide to two persons who's are trustworthy for organization. These two persons are sender and receiver.
- Sender and receiver may be a manager or owner of the company. It is depend on the organization demand that where they want to use this technique. Because this technique is not for all, as its name says it is a hiding technique for sensitive information so this is for trustworthy people.

Tools and Technologies

- C#
- .net framework
- Sqlserver

<table>
<thead>
<tr>
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<td>Sadaf Noor</td>
<td><a href="mailto:Asha42505@gmail.com">Asha42505@gmail.com</a></td>
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<tr>
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<td>Siraj ahmed satti</td>
<td></td>
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TALKING CALCULATOR

Degree Program: MIT-4

Supervisor Name: Mr. Atif Iqbal Janjua

Project Description

To help visually impaired people to perform calculations error free.

Proposed Solution

Our Project “Talking Calculator” aims to be a solution for people having no or limited sight by generating voices over ever key and their result.

Tools and Technologies

<table>
<thead>
<tr>
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</thead>
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<tr>
<td>Platform</td>
<td>Java</td>
</tr>
<tr>
<td>Development tools</td>
<td>Net Beans (IDE)</td>
</tr>
<tr>
<td></td>
<td>Windows Media player</td>
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</tbody>
</table>

Salient Features

Voices over key pressed and of result in English and Urdu are generated.

<table>
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<tr>
<th>Registration #</th>
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<td><a href="mailto:nfreedi@yahoo.com">nfreedi@yahoo.com</a></td>
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<td>java</td>
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<td>12-arid-2554</td>
<td>Faisal Mehmood</td>
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<td>+9233383 16548</td>
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<td>+9232457 45919</td>
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</table>
Note of Thanks

I would like to extend my gratitude to all the supervisors for putting their extra ordinary efforts on the projects of our students. Today the success of this venture is because of their untiring efforts. Also I would like to pay my special thanks to the organizing committee of Open House 2014 for arranging such a prestigious event.

How can I forget my students? As they developed quality projects and enabled us to display their work in front of industry and academia professionals.

Muhammad Shabbir Hassan
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Lecturer
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