

1.1 Company Profile:-

Lakshya Software Solutions, a company started in 2002 has successfully challenged and changed the conventions of web development and web hosting. Company's core development thrust revolves around prompting consumer trials by offering a good quality service at most competitive price. Lakshya Software Solutions boast of a strong brand loyalty from its client base.

We at Lakshya Software Solutions, live and work by very simple, yet important, principals. We understand that our customers, and no one else, provide us the opportunity for rapid growth. We strive hard to provide you with best web hosting solutions possible. Our goal is to provide our customers with better, faster, secure and more reliable service.

Behind every successful company is a team of very successful people. Lakshya Software Solutions is fortunate to gather a team of talented professionals and business

associates who have necessary skills and understanding to provide our customers necessary service.

Lakshya Software Solutions is based in India which is the hot destination for Information Technology services. Lakshya Software Solutions promises to provide with the latest in technology to its customers worldwide.

The Lakshya Software Solutions provides the following services:-

- Shared Hosting
- Dedicated Server
- VPS Hosting
- Domain Name
- Hosted Exchange
- Server Co-Location
- Reseller

1) Shared Hosting:-

Lakshya Software Solutions offers various **shared hosting** plans on Microsoft Windows 2003 server at VSNL datacenter in India. All feature rich web hosting plans are provided with web based control panel and webmail to manage the hosting and email easily. A web based visitor statistics software is also provided with each hosting package. Microsoft ASP.NET 2.0 & MS SQL 2005 database hosting now available.

2) Dedicated server hosting in India:- (VSNL Datacenter, Mumbai, Chennai and Bangalore)

Hosting your website on dedicated server give you more flexibility on your hosting environment. If you run a high traffic website or portal then dedicated server is the best option. Dedicated server at Indian data center lets you run your customized application with full priority and dedicated resources and with low latency network within India.

3) Linux Virtual Private Server (VPS) Plans & Pricing:-
(Indian data center)

Lakshya Web Hosting offers many Linux Virtual Private Server (VPS) plans on servers at VSNL Data center in **India**. These plans are ideal for companies having dedicated server requirement and shared hosting budget. Feature rich Linux VPS hosting is powered by Parallels Virtuozzoon Quad core Xeon servers. This Virtual server plan at VSNL Data center offers ideal combination of speed and performance for your web and mailing applications.

4) Domain Name:-

i. Country Specific Domain name:-

Domain Name extensions	Country	Domain Name Description
.as	American Samoa	American Samoa Domain Name (TLD)
.at	Austria	Austria Domain Name (TLD)
.co.at	Austria	Austria Commercial Domain Name
.ch	Switzerland	Switzerland Domain Name (TLD)
.com.hk	Hong Kong	Hong Kong Commercial Domain Name
.co.il	Israel	Israel Commercial Domain Name

ii. Global Domain Name:-

The domain names like .com , .net , .org , .biz , .info are called Global domain names, since anyone in world can book them and they dont represent any fixed geographical location.

.COM (Commercial)

.com This domain name extension represents that the website is commercial one.

.NET (Network)

.net This domain name extension represents that the website is of some network company or some ISP .

.ORG (Organization)

.org This domain name extension denotes that the website belongs to some organization, Non- Profit organization generally.

.BIZ (Business)



This one of the new global domain name extension which represent business related website.

.INFO (Information)



This is also one of the newest global domain name extension which represent informational website.

iii. Indian Domain Names registration

If you are an Indian citizen or have a company / organization in India, then you should register Indian Domain name. Indian domain name gives many advantages like Indian identity, better search engine ranking in country based search & trademark protection.

Similar to global domain names there are



Indian Domain Names:

The domain Name **.in** is the top level

domain name for India. This domain name represent that the website is related to India. Any person can now register the domain name with **.in** as the extension.

iv. Hosted Exchange server India:-

Hosted Exchange 2010 at Indian data center is the most important tool in today's business messaging. Stay connected with your emails and team from PC, laptop and mobile at any time. Hosted Exchange comes with large mail box and ActiveSync for smart phones. Hosted Exchange 2010 is available in High Availability cluster.

v. Managed Collocation services at VSNL datacenter in India:-

Maintaining your own secure, reliable 24 x 7 web environment in-house and running on dedicated leased lines can be burdensome and costly. Our Managed co-location services offer secure, reliable

datacenter environment for your server hardware and network equipments. This service offers an ideal option to outsource your in-house server room environment and management to us.

vi. Web Hosting Reseller:-

Welcome to Lakshya Web Hosting Reseller Program. As an Lakshya Web Hosting Reseller, you can offer your clients a complete portfolio of products, ranging from basic domain name registration to High end application hosting.

As an Lakshya Technology Reseller you can combine our web hosting & domain name registration with your value-added services like website development, programming, consulting, and more.

Infrastructure:-

1. VSNL Datacenter in India (Mumbai, Bangalore, New Delhi & Chennai)

Lakshya Web Hosting offer hosting solutions on its server in VSNL Datacenter at Mumbai, New Delhi, Chennai and Bangalore in India. VSNL (Videsh Sanchar Nigam Limited) is one of the world's largest providers of submarine cable bandwidth, so shared; dedicated, virtual hosting and co-location customers get excellent speeds to deliver contents.

2. Web Hosting Control Panel

Lakshya Web Solutions uses Hosting Accelerator™ Control Panel (for Windows only). This advanced control panel allows you to easily manage your web site through a web browser. Hosting Accelerator enables you to administer users, check site status, edit site properties, view vital statistics, and manage bandwidth, control disk usage and much more! By clicking a few buttons, you can create e-mail accounts, change passwords, install discussion forums etc.

1.2 Existing system and need of the system:-

In Various colleges, training and placement officers have to manage the CV's and

Document's of students for their training and placement manually.

TPO's have to collect the information of various companies who want to recruit

Student's and notifies students time to time about them.

TPO's have to arrange CV's of students according to various streams and notify them according to company requirements.

If any modifications or updating are required in CV of any student, it has to be searched and to be done it manually.

Students need to informed and after that the changes are made by student which takes long time.

Company information is to be maintained on paper which makes lot of paper work.

It is very difficult to maintain lot of papers.

1.3 Scope of work:-

To develop a system that would recompile the following:-

Reduce the paperwork and storage area.

Improve the output of operators.

Improve accuracy in result.

Allow easy navigation through CV's and company information.

Manage the man and machine resources efficiently.

It has user friendly interface having quick authenticated access to documents.

Easily scalable to grow with changing system requirement.

Secured check in, check out & updates.

Locate CV's easily by various parameters.

Add company information very easily.

Add alumni details very easily.

Update student information easily.

1.4 Operating Environment:-

Software Requirement :

Languages : C#.NET
Technologies : ASP.NET (Front End)
Application Libraries: .Net Framework libraries,
Ajax Control Toolkit 4.1
Database : MySql Server 5.1

Hardware specifications :

CPU : Pentium IV
RAM : 256 MB RAM or above
Hard Disk : 10 GB or above
Operating Systems : Windows XP/ Windows 7

1.5 Detail Description of Technology Used

i. ASP.Net 4.0:

ASP.NET 4.0 is an exciting server side technology used for developing web based applications. It uses the namespaces, classes and methods provided by the .NET Framework. ASP.NET 4.0 is the popular framework and latest among developers. Nowadays, developers are working to convert existing ASP.NET 2.0 applications to 4.0 to take advantage of its rich features. ASP.NET 4.0 has simplified the work of developers by providing many new controls. You can perform all tasks using Wizards. There is no need to write long lines of code even for database access.

ASP.NET is a unified Web development model that includes the services necessary for you to build enterprise-class Web applications with a minimum of coding. ASP.NET is part of the .NET Framework, and when coding ASP.NET applications you have access to classes in the .NET Framework. You can code your applications in any language

compatible with the common language runtime (CLR), including Microsoft Visual Basic, C#, J Script .NET, and J#. These languages enable you to develop ASP.NET applications that benefit from the common language runtime, type safety, inheritance, and so on.

ASP.NET provides:

- A page and controls framework

- The ASP.NET compiler, etc

- Master Pages.

- Managed Execution

- Language Independence

- Platform interoperability

- Garbage collection

- Security

- Class, Library, etc.

ii. C# .Net 3.5:

C# is an object oriented type-safe language. Following are the features of c#

Full support for classes and object oriented programming, including interface and implementation inheritance, virtual functions, and operator overloading.

A consistent and well defined set of basic types.

Built-in support for automatic generation of XML documentation.

Automatic cleanup of dynamically allocated memory.

The facility to mark classes or methods with user-defined attributes. This can be useful for documentation and can have some effects on compilation.

.NET components that can be called up by other code in the same way as ActiveX controls.

C# .NET can be used to write ASP.NET dynamic web pages and XML web services.

iii. MySQL:

The MySQL database has become the world's most popular open source database because of its high performance, high reliability and ease of use. It is also the database of choice for a new generation of applications built on the LAMP stack (Linux, Apache, MySQL, PHP / Perl / Python.) Many of the world's largest and fastest-growing organizations including Facebook, Google, Adobe, Alcatel Lucent and Zappos rely on MySQL to save time and money powering their high-volume Web sites, business-critical systems and packaged software.

MySQL runs on more than 20 platforms including Linux, Windows, Mac OS, Solaris, IBM AIX, giving you the kind of flexibility that puts you in control. Whether you're new to database technology or an experienced developer or DBA, MySQL offers a comprehensive range of database tools,

support, training and consulting services to make you successful.

As of April 2009, MySQL offered MySQL 5.1 in two different variants: the open source MySQL Community Server and the commercial Enterprise Server. MySQL 5.5 is offered under the same licenses. They have a common code base and include the following features:

Cross-platform support

A broad subset of ANSI SQL 99, as well as extensions

Stored procedures

Triggers

Cursors

Updatable Views

Information schema

Strict mode.

X/Open XA distributed transaction processing (DTP)

support; two phase commit as part of this, using

Oracle's InnoDB engine

Full-text indexing and searching using MyISAM engine

Distinguishing features

MySQL implements the following features, which some other RDBMS systems may not:

Multiple storage engines, allowing one to choose the one that is most effective for each table in the application (in MySQL 5.0, storage engines must be compiled in; in MySQL 5.1, storage engines can be dynamically loaded at run time):

Native storage engines (MyISAM, Falcon, Merge, Memory (heap), Federated, Archive, CSV, Black hole, Cluster, EXAMPLE, Maria, and InnoDB, which was made the default as of 5.5)

Partner-developed storage engines (solidDB, NitroEDB, ScaleDB, TokuDB, Infobright (formerly Brighthouse), Kickfire, XtraDB, IBM DB2). InnoDB used to be a partner-developed storage

engine, but with recent acquisitions, Oracle now owns both MySQL core and InnoDB.

Community-developed storage engines (memcache engine, httpd, PBXT, Revision Engine)

Custom storage engines

Commit grouping, gathering multiple transactions from multiple connections together to increase the number of commits per second.

2.1 Proposed system:

Scope of Proposed System:

With the total automation of system manual dependency is minimized to a large extent.

It inherits all properties of computerizing a system which includes quick response, less processing time, fast recovery, robustness, flexible, reliable scalability.

Procedures in Proposed System:

Admin will manage all the information related to students, companies.

Admin will authenticate to placement cell member and provide him with the username and password.

Admin can delete any information from the system. He can delete student, he can delete member.

Student can register, after registration he can login to his account with username and password, but before it he will

have to provide the activation code which will be automatically sent to his email by the system.

Student can upload cv, he can update his cv whenever required without informing to admin.

Student can view companies, he can view which companies are going to be on campus, for which companies he is eligible etc.

Student can view the placed students with their company name and package.

Member can register, only when the activation code is provided by admin after registration he can login to his account with username and password.

Member can access all information i.e student information, company information etc.

Member can update all information but he cannot delete any information.

Modules in existing system:

Admin Module:-

Admin module has the full access to all modules of the project.

Admin module manages new member, it also contains update student, member information or delete student, member record.

Admin module manages the company details. It can also add, delete or update company details

An Admin module search students. The search may consist of any type criteria wise search, department wise search etc.

An Admin authenticate the placement cell member without authentication member cannot login.

An Admin provide the activation code to member.

An Admin can update student information, he can delete student account, and he can add student information in the system.

Member Module:

Member module manages student information.

In Member module Each member has a username and password, which identifies him uniquely

Member module manages student details. It also contains viewing, adding, updating of details.

Member module manages company details. It also contains viewing, adding, updating company details.

Member module informs students about the eligible students for the specific company.

Member module search students according criteria, department, certifications etc.

Member module manages information of placed students in different previous years. It also contains adding, updating, searching of the placed students.

Normal User Module:

1. Student Module

Student module manages registration for Students.

Each student has a username and password, which identifies him uniquely. Which is authenticated by the system?

The student must authenticate using the login mechanism.

The student can view the student's details, company details, placed student details.

The student can enter his own information for placement he can also update his information whenever required.

Student can upload his cv in the system.

Student can also change his cv whenever required.

The student can also view the placed student's information.

Employer Module:-

Employer module manages registration and login for employer.

Employer module manages the activity related to employer.

Employer module contains job description for student.

In employer module the employer can post job on the website with requirements.

2.2 Objectives of System:-

This project is aimed at developing an online application for the Training and Placement Dept. of the college.

The system is an online application that can be accessed throughout the organization and outside as well with proper login provided.

This system has all the information related to students, members and companies visiting to campus and also the companies which are visited.

The system allow student to insert his information for placement i.e. student can register himself for placement.

Student can also upload his CV in the system.

This system helps TPO to search students for different companies and inform students about the companies.

The system maintains the entire database at the central location so which is 24*7 days available to all the students, members and the admin.

2.3 User Requirements:

The application should provide a user friendly environment.

The application should be easily understandable and reliable.

The application should fulfill all essential facilities.

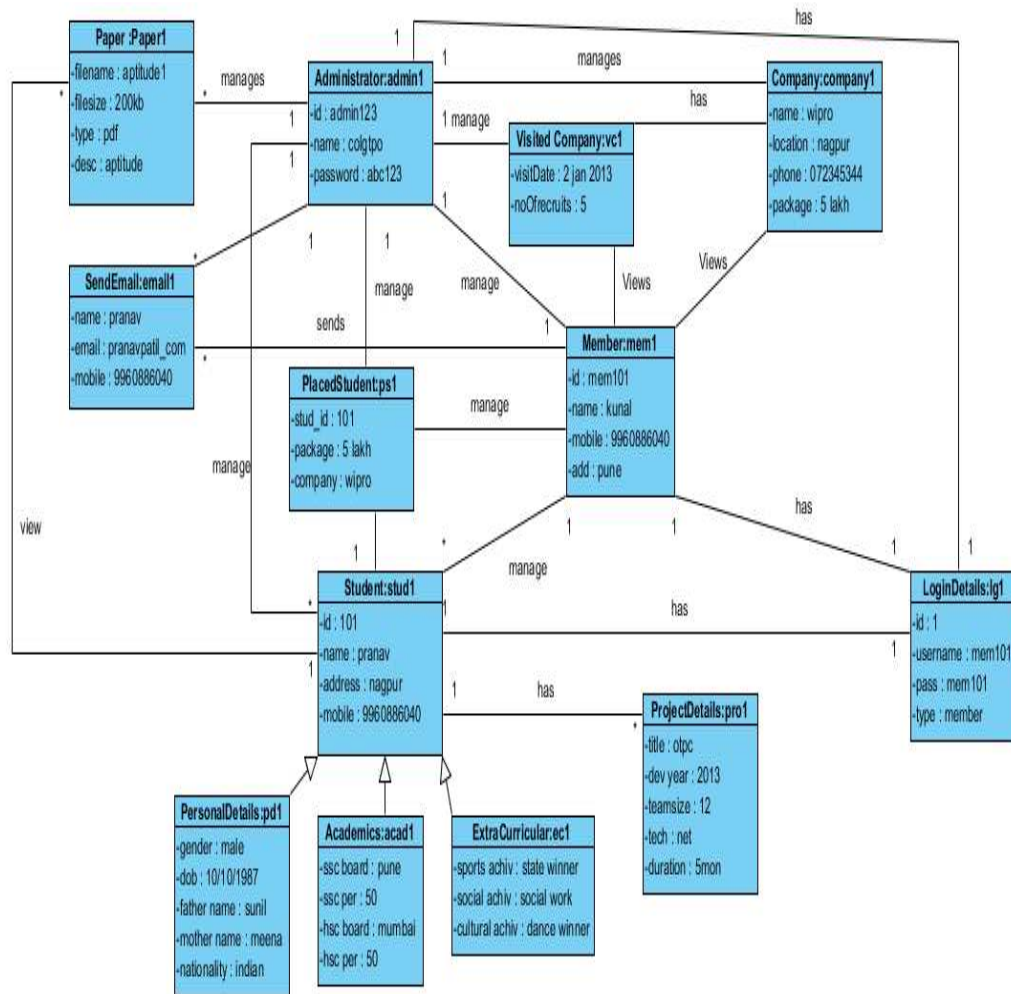
The software being built must provide platform independent application.

Search can be done very easily.

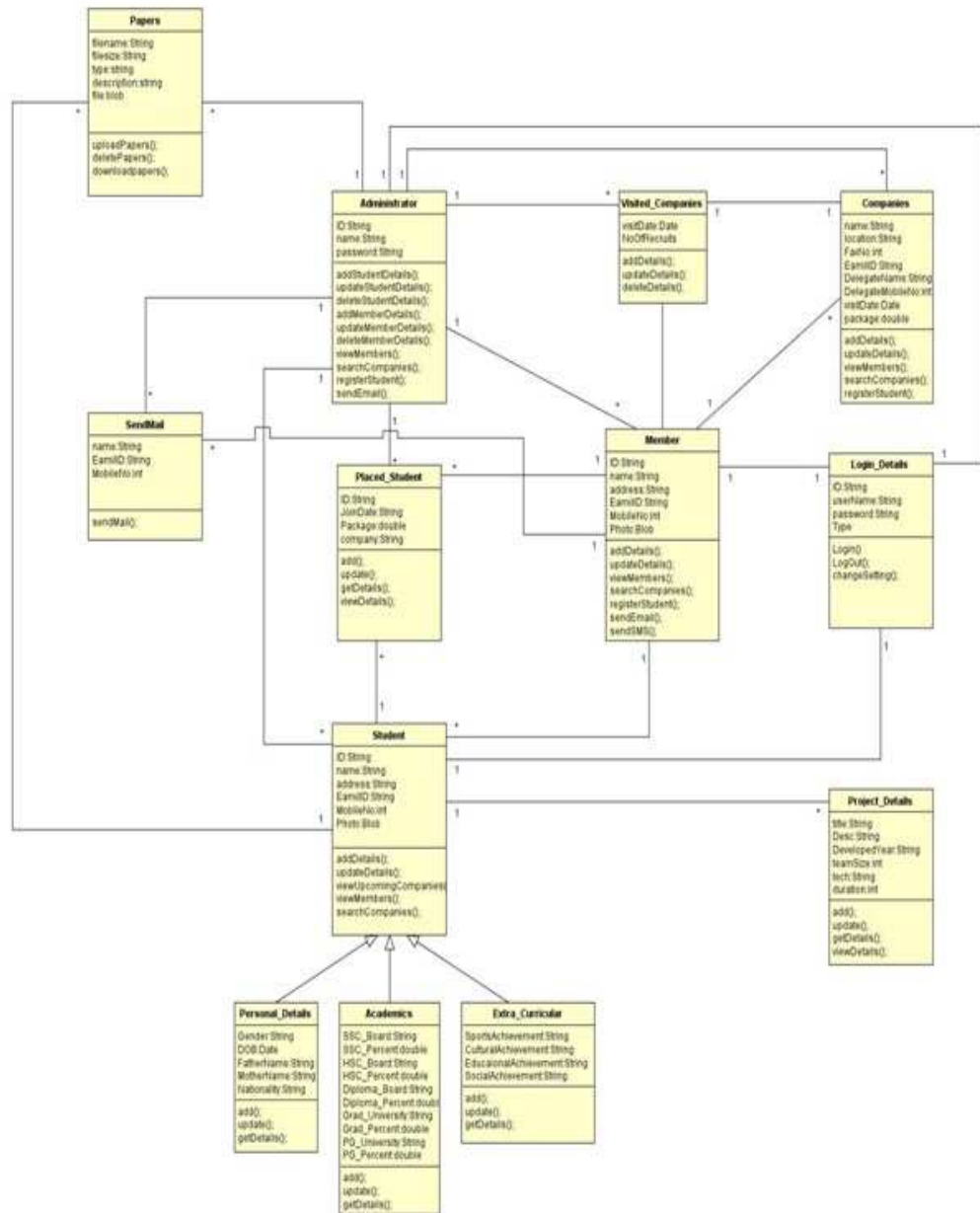
Results should be generated quickly.

The system provides useful information any time.

3.1 Object Diagram:-

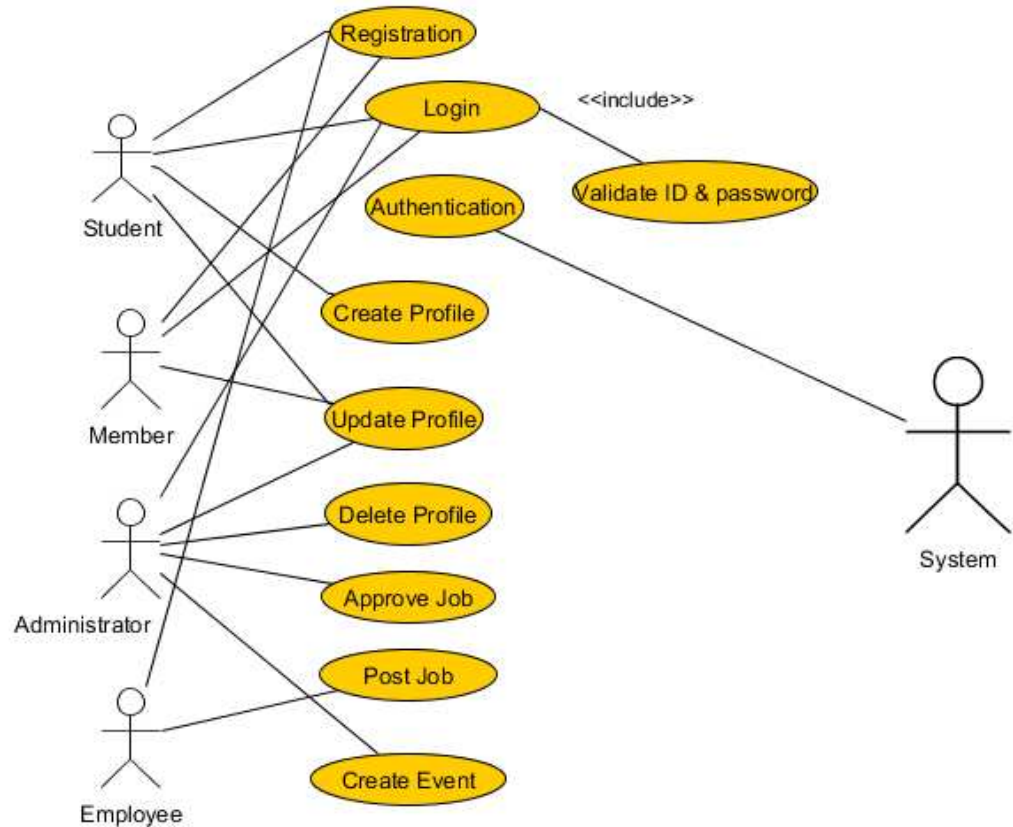


3.2 Class Diagram:-

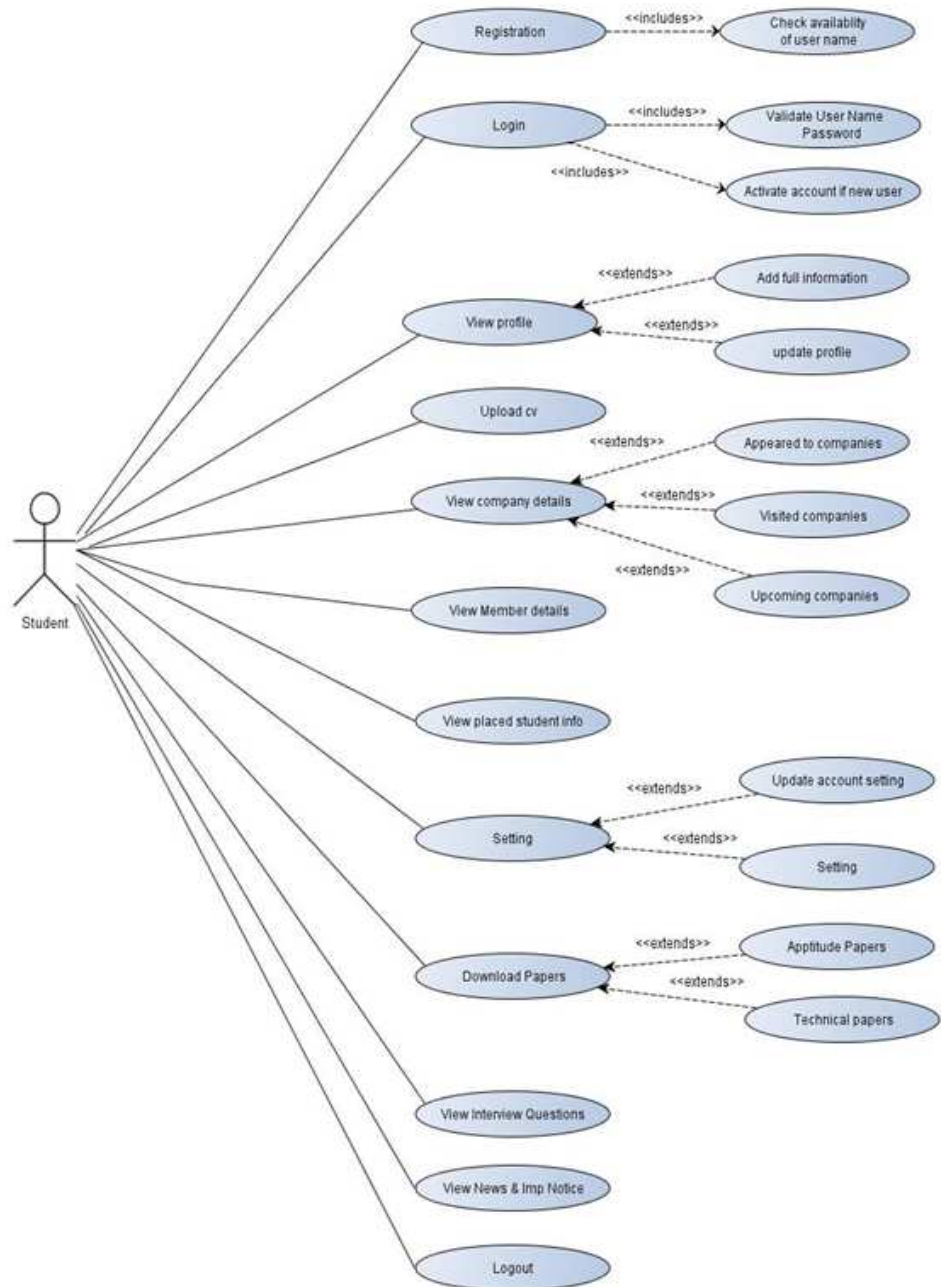


3.3 Use case Diagrams:-

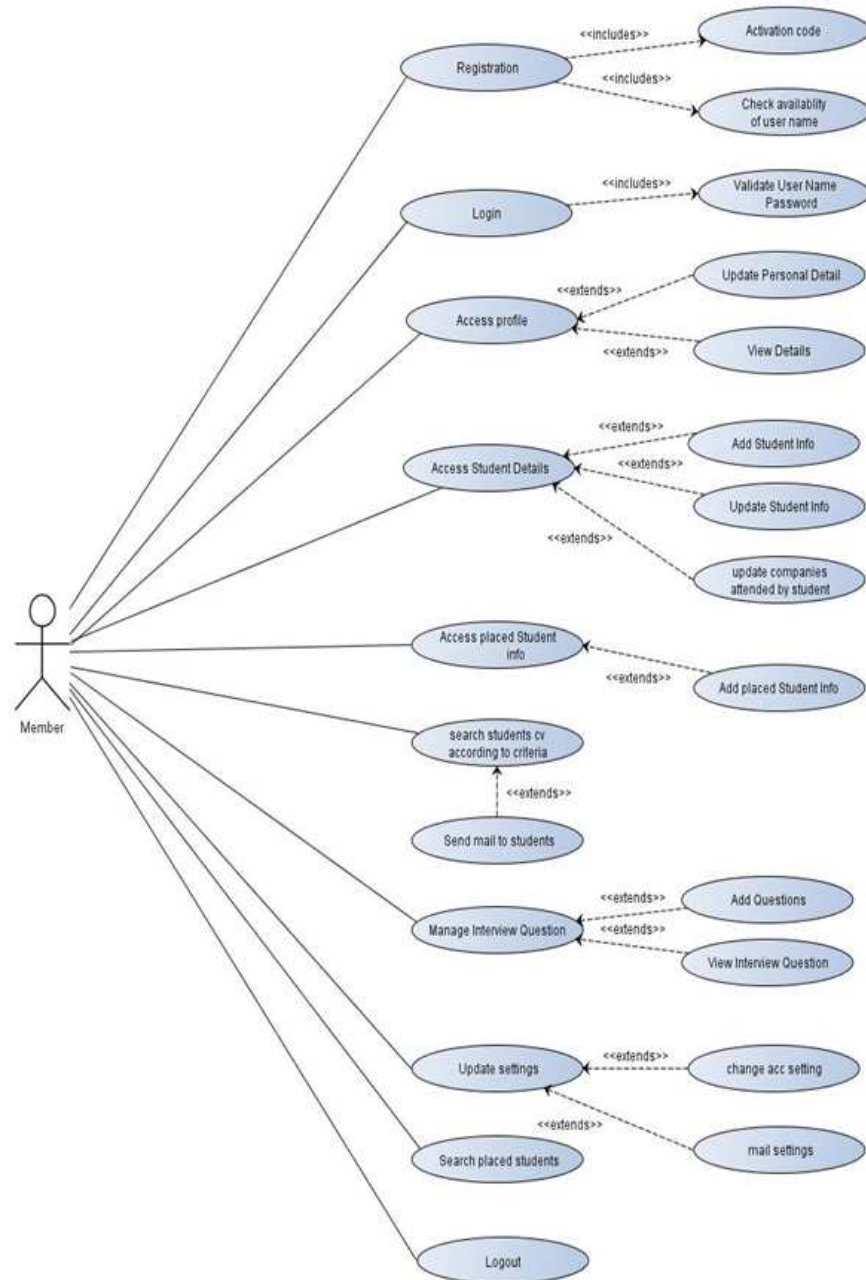
1. Business Use Case



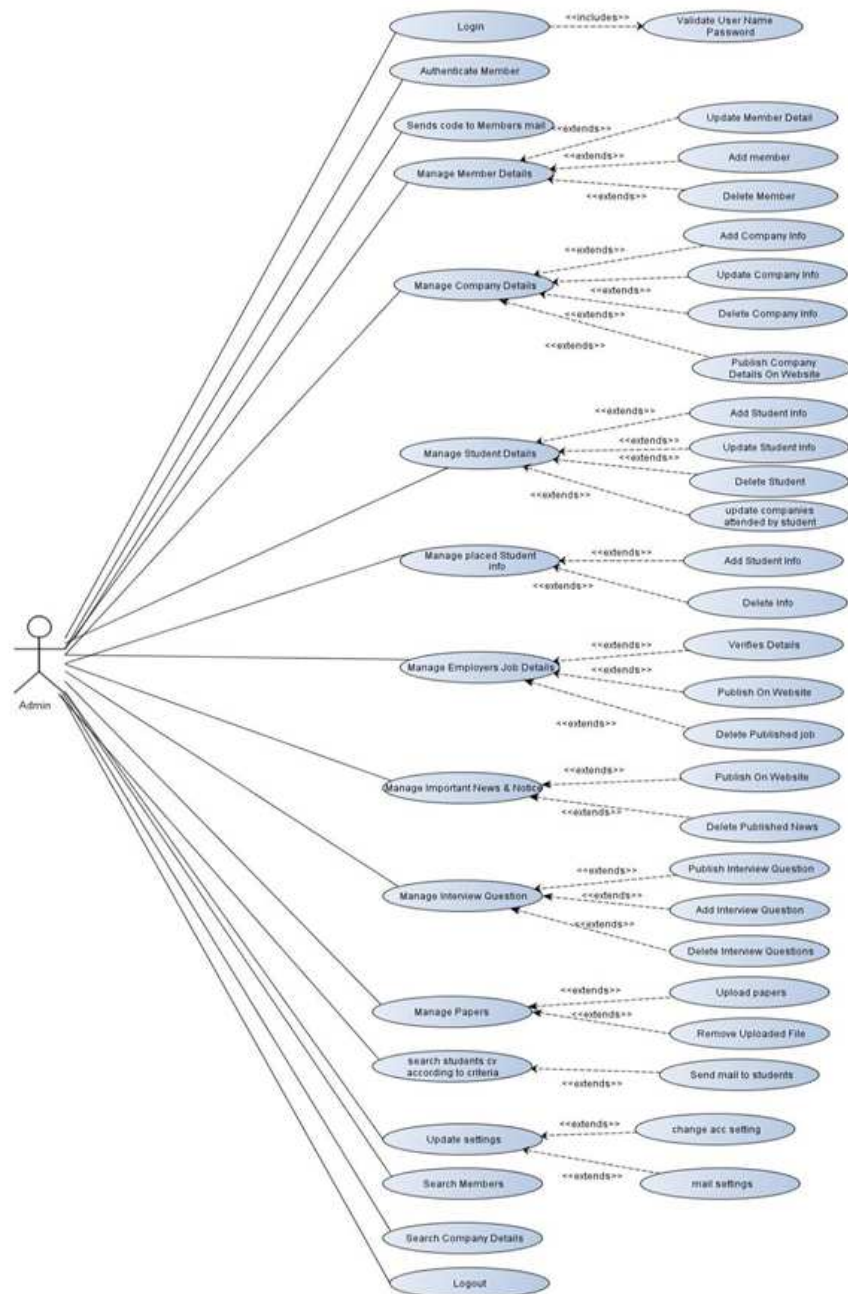
2. Use Case Diagram for Student:-



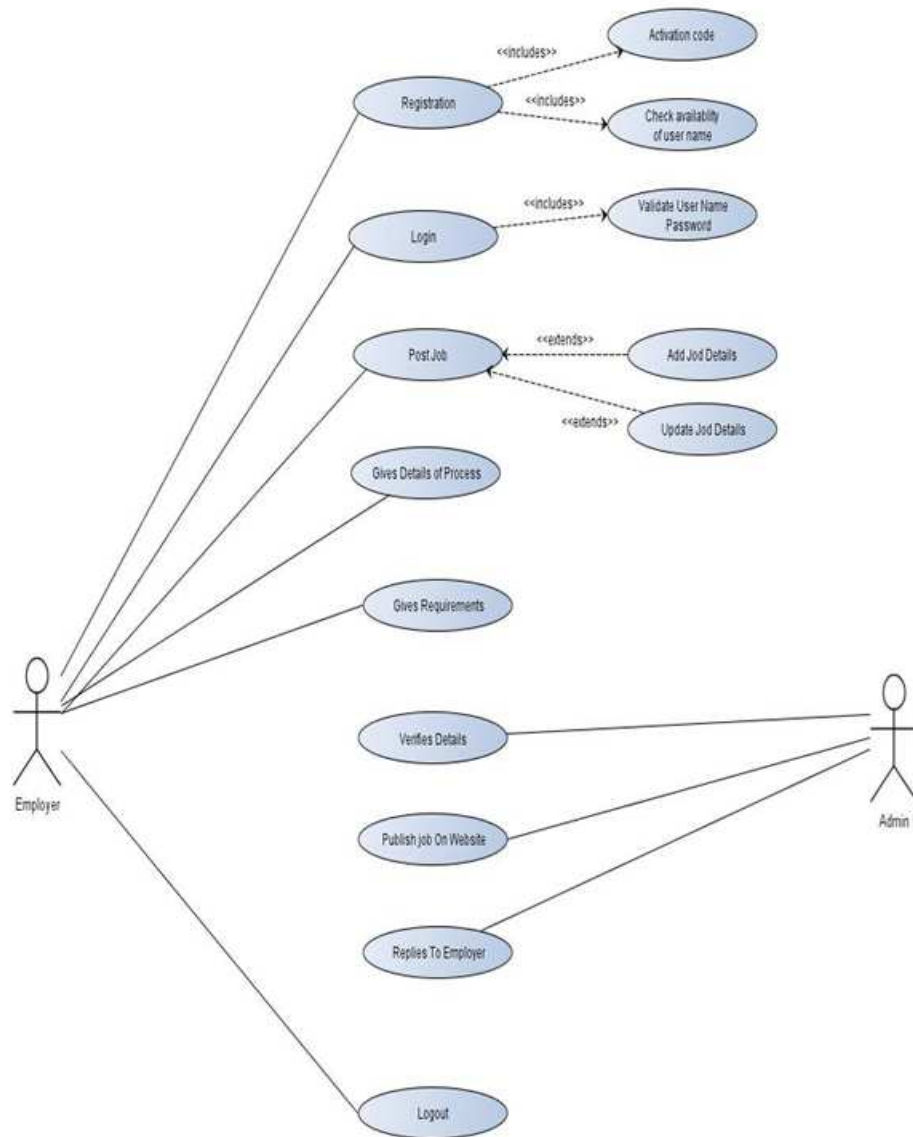
3. Use Case Diagram for Member:-



4. UseCaseDiagramforAdmin:-

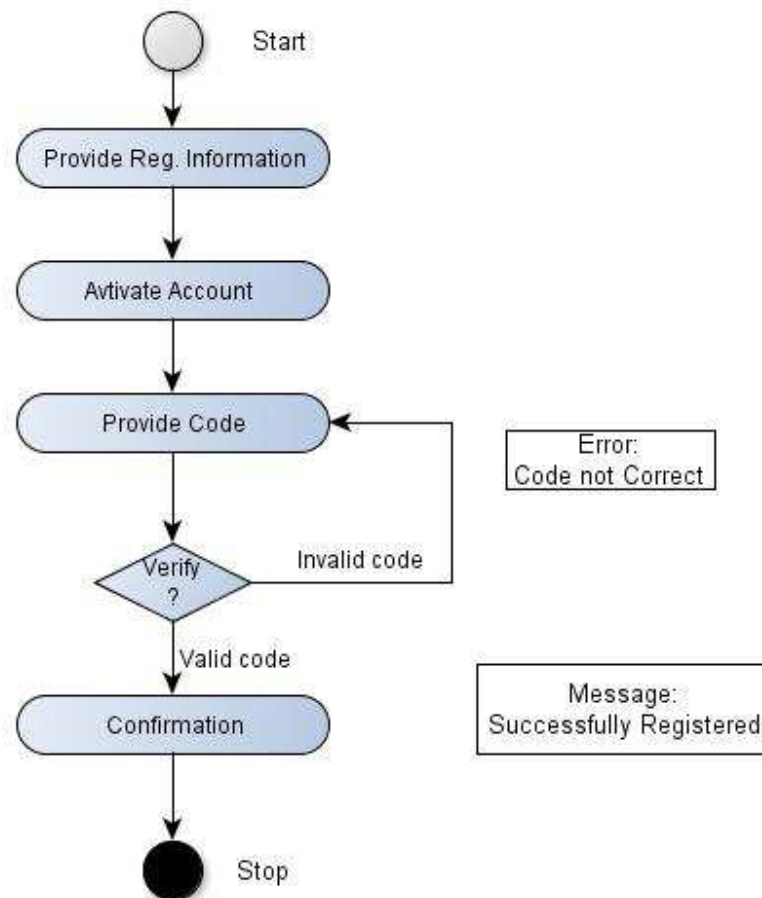


5. Use Case Diagram for Employer:-

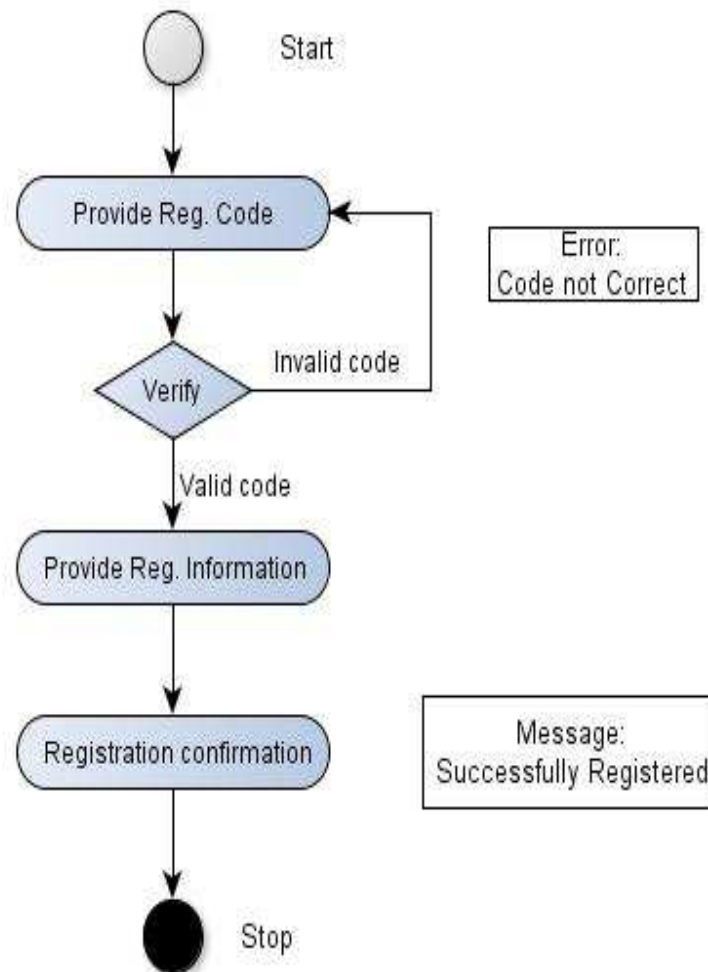


3.4 Activity Diagrams:-

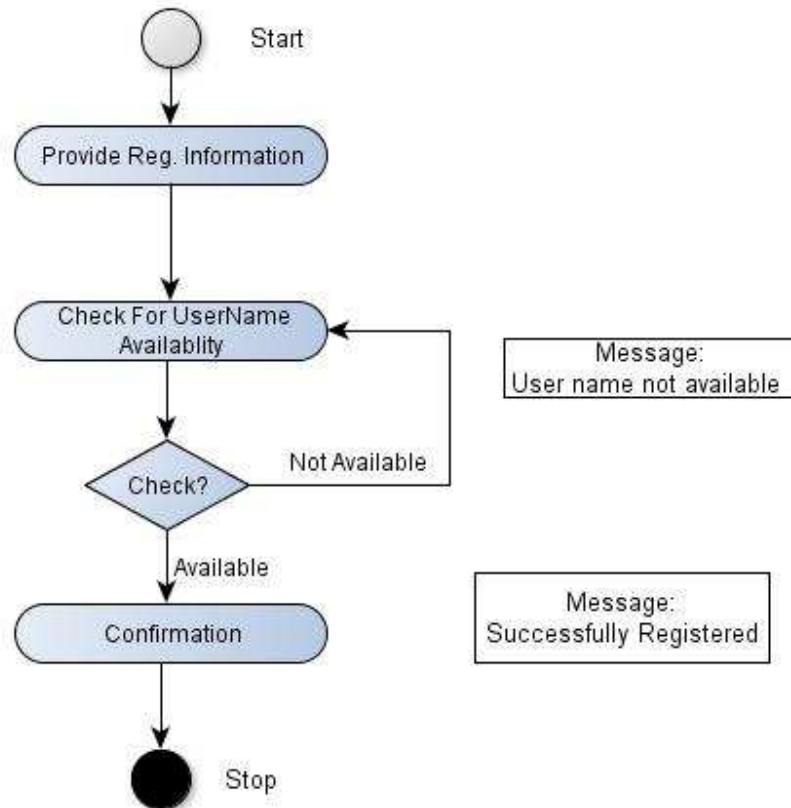
1) Activity Diagram for Student Registration:-



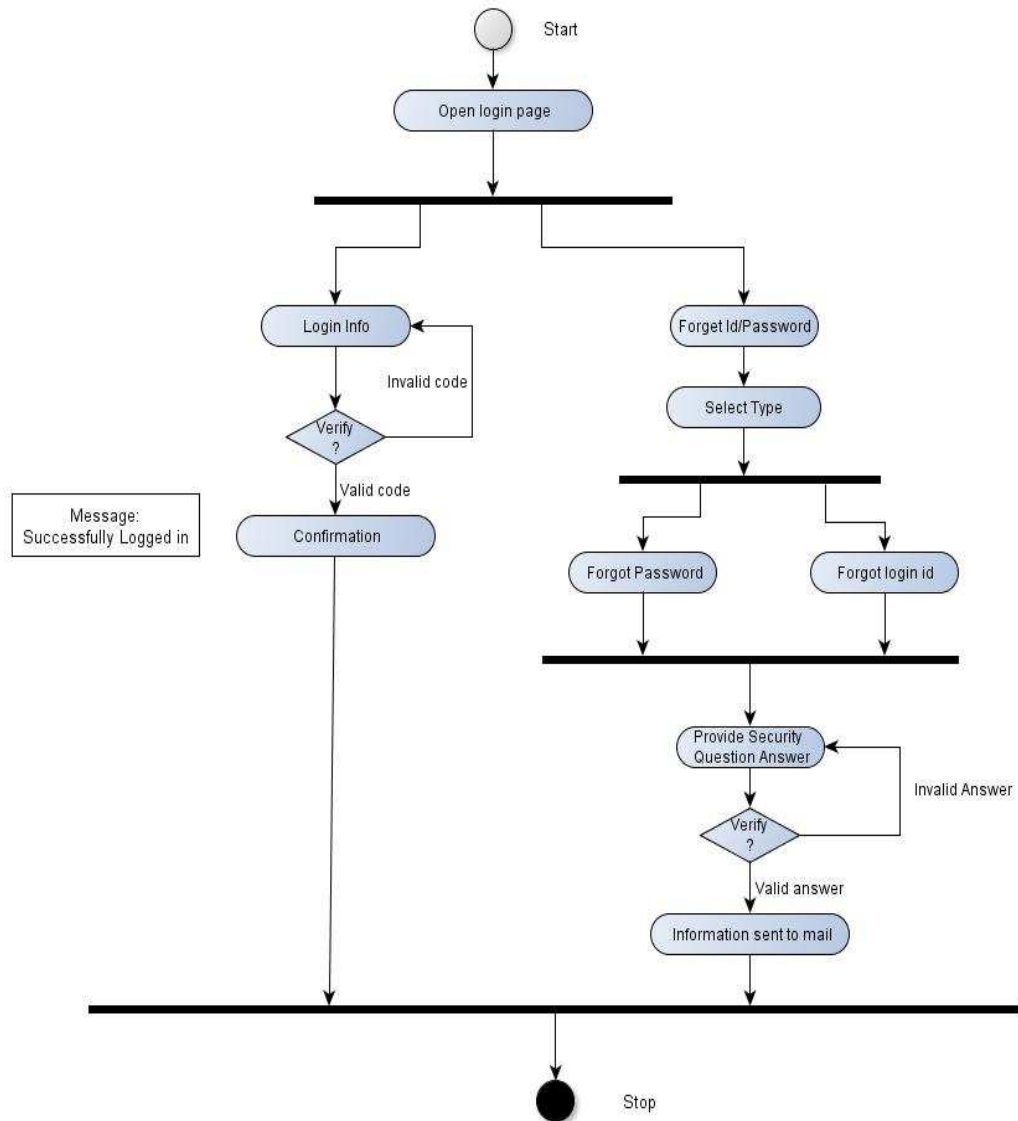
2)Activity Diagram for Member Registration:-



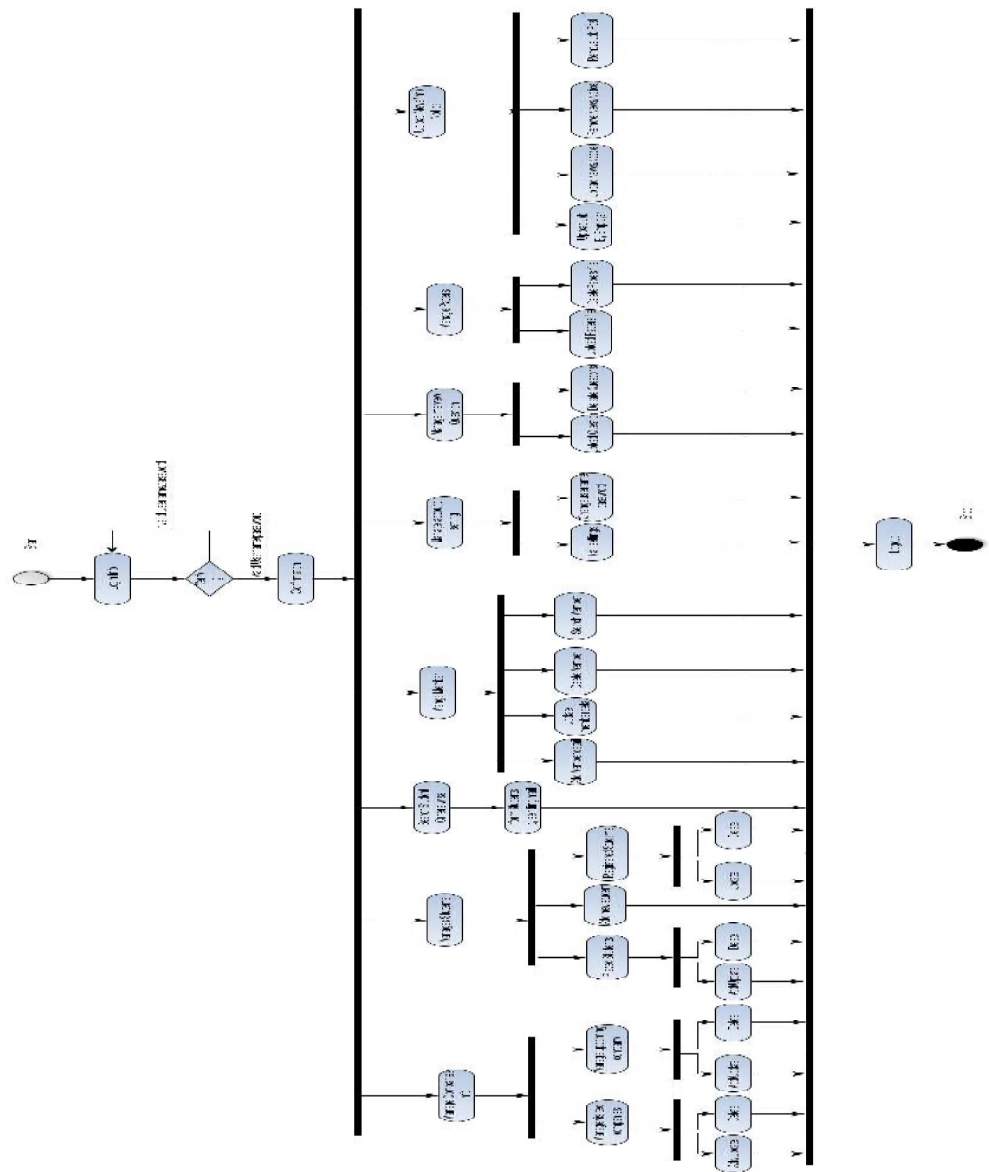
3)Activity Diagram for Employer Registration:-



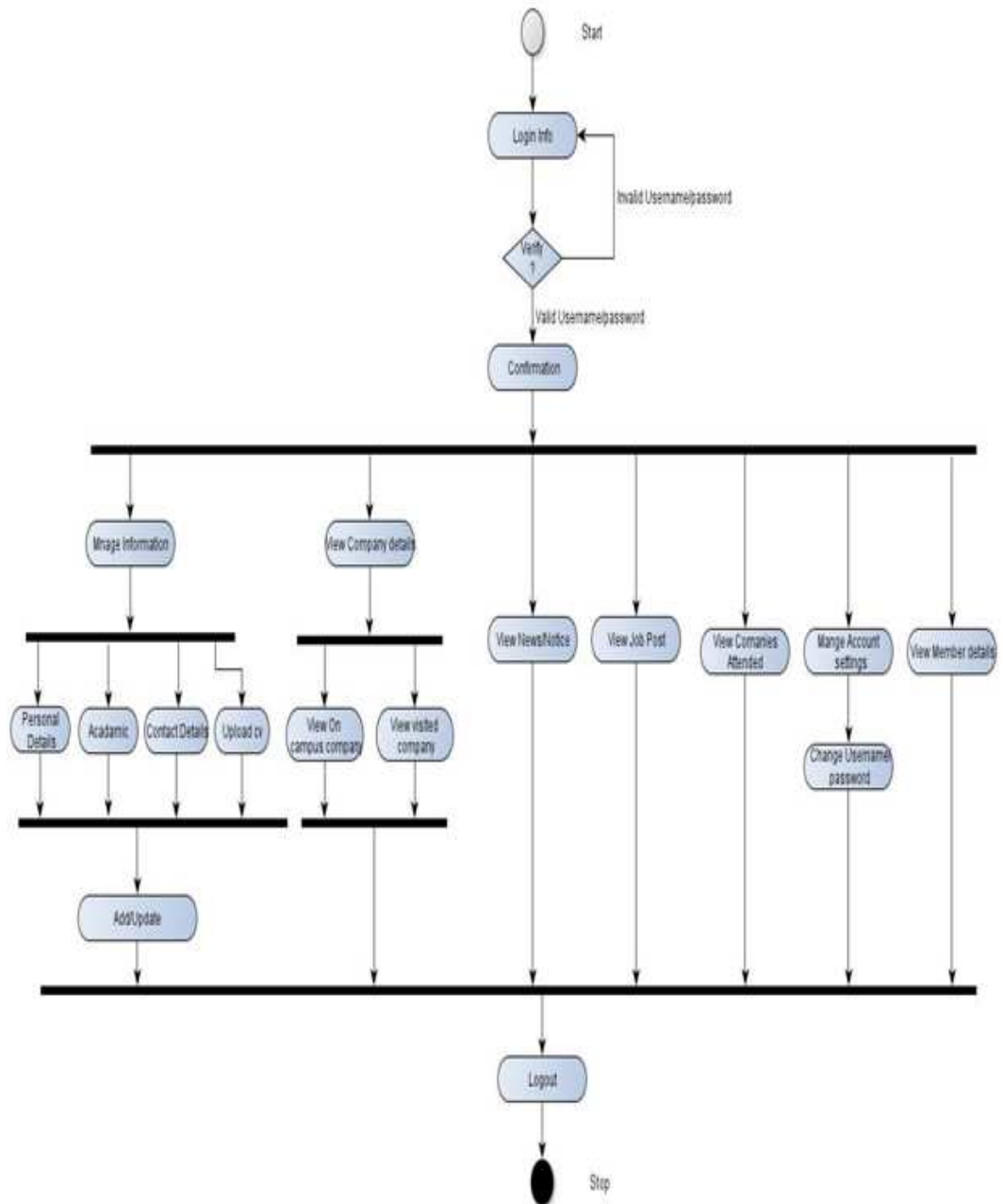
4)Activity Diagram for Login:-



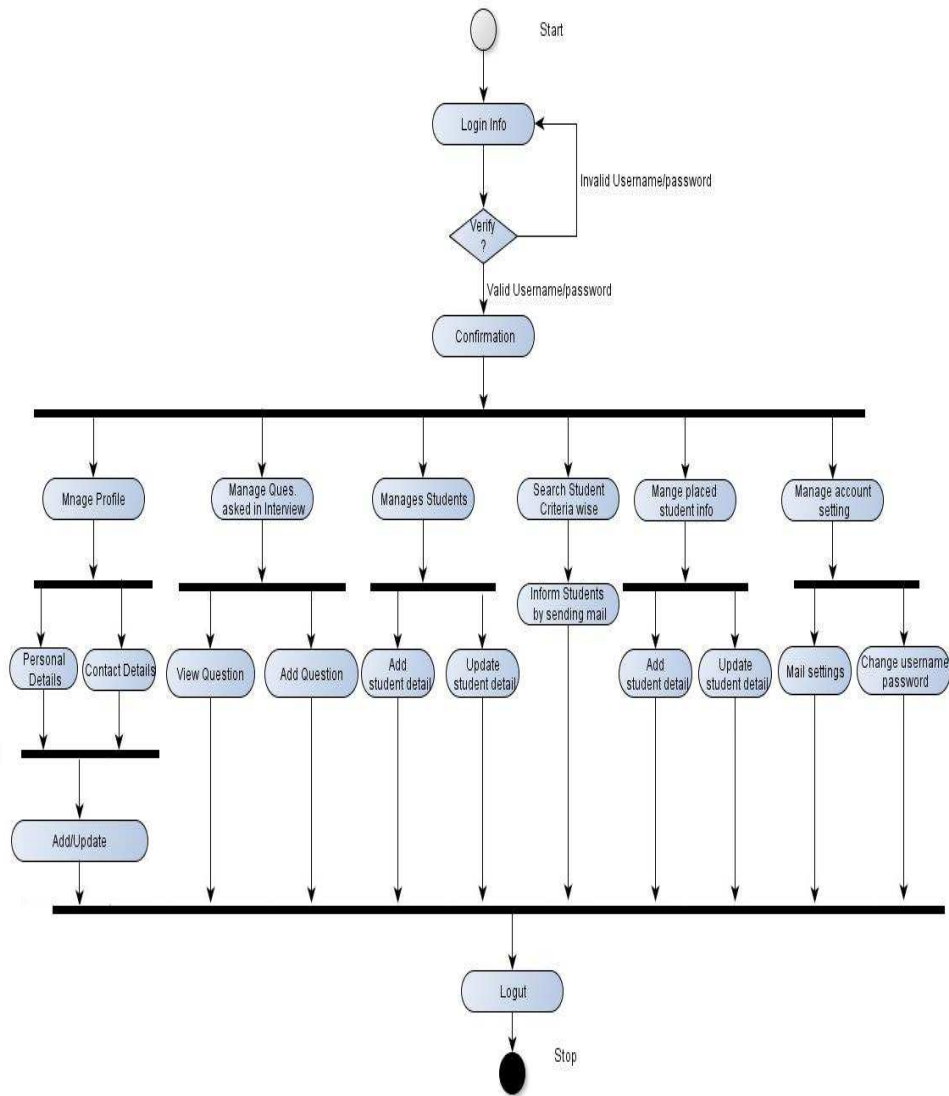
5)Activity Diagram for Admin:-



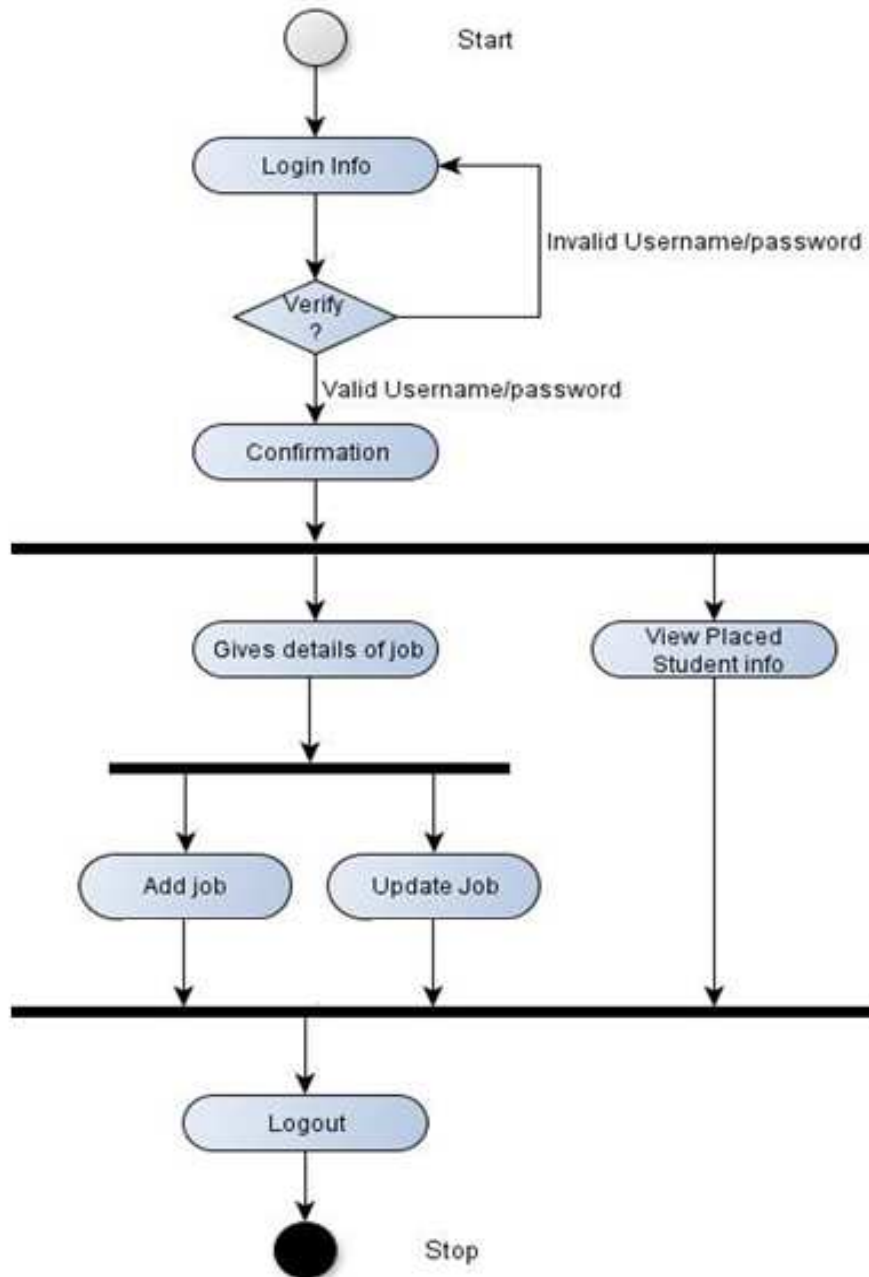
6)Activity Diagram for Student:-



7)Activity Diagram for Member:-

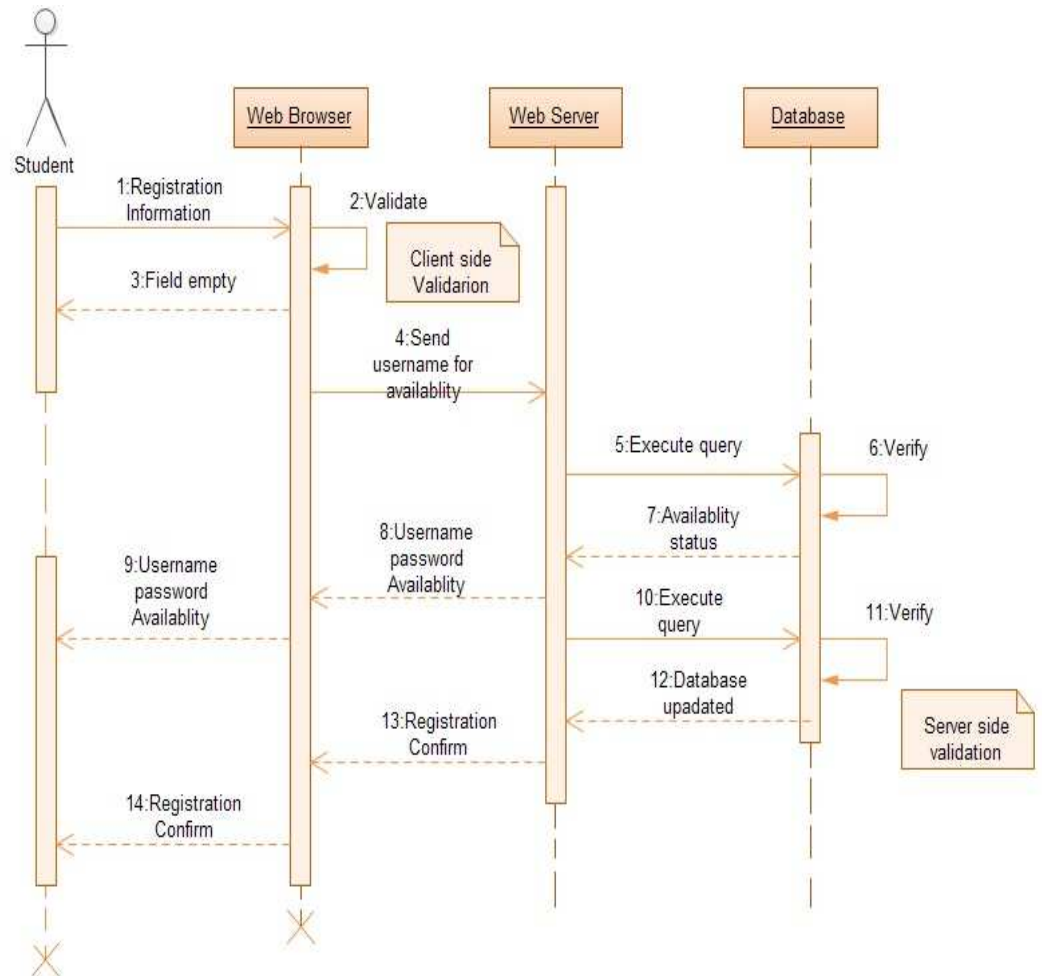


8)Activity Diagram for Employer:-

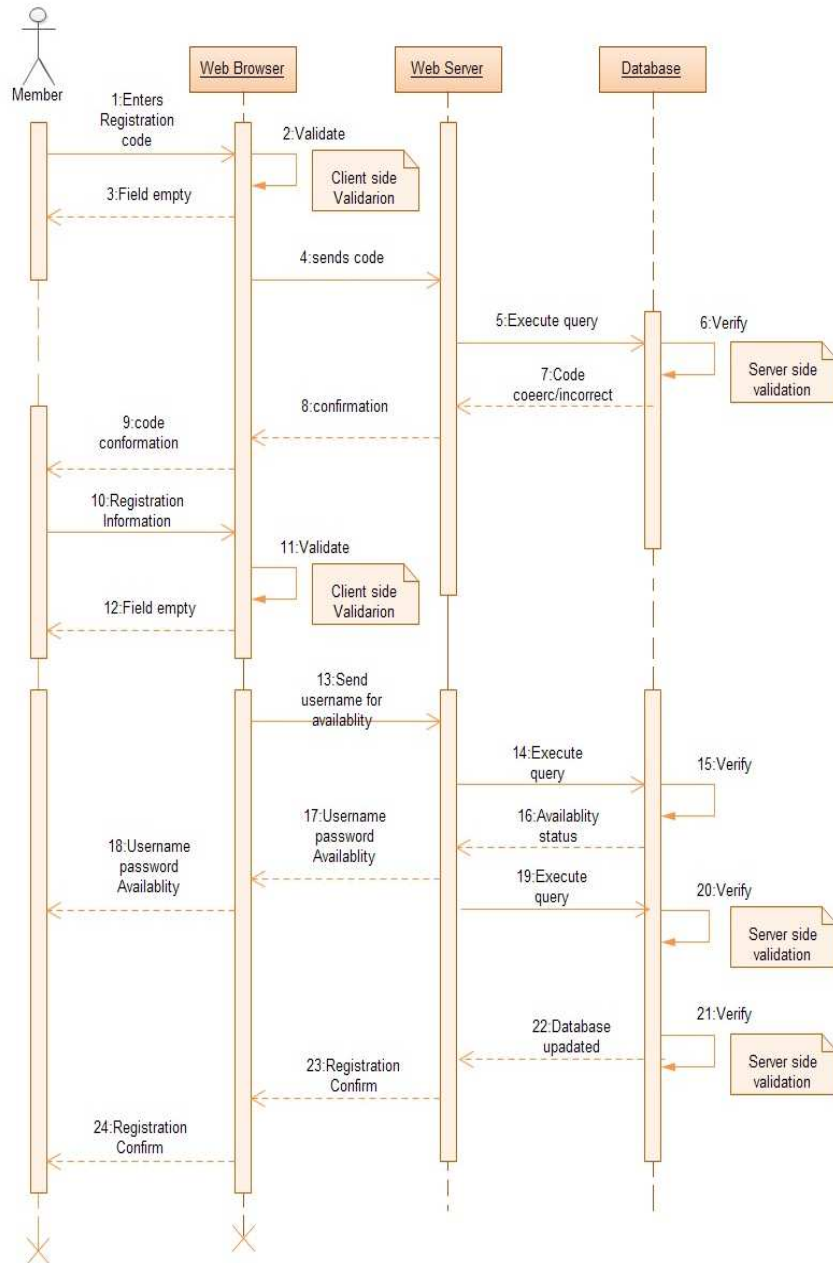


3.5 Sequence Diagrams:

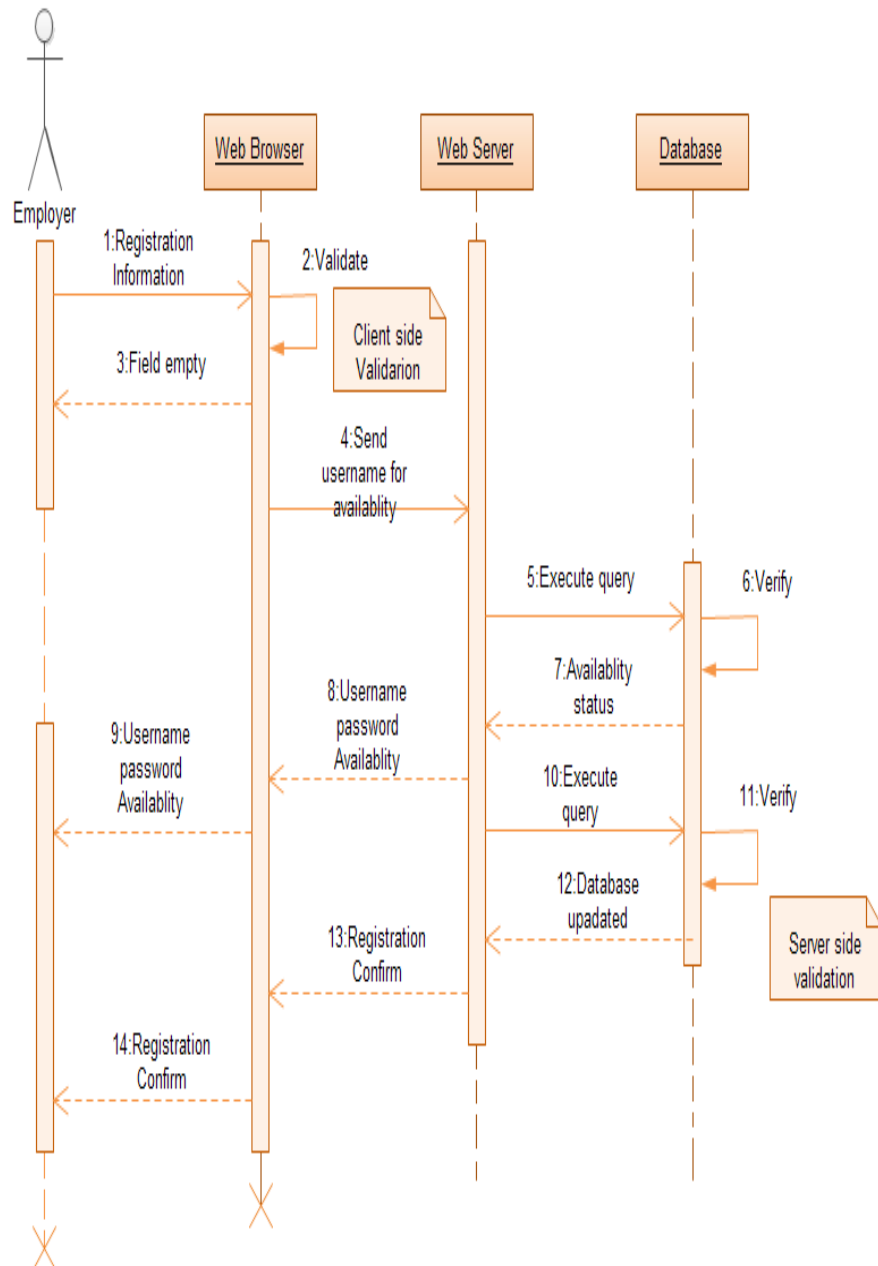
1. Sequence Diagram for Student Registration:-



2. Sequence Diagram for Member Registration:-

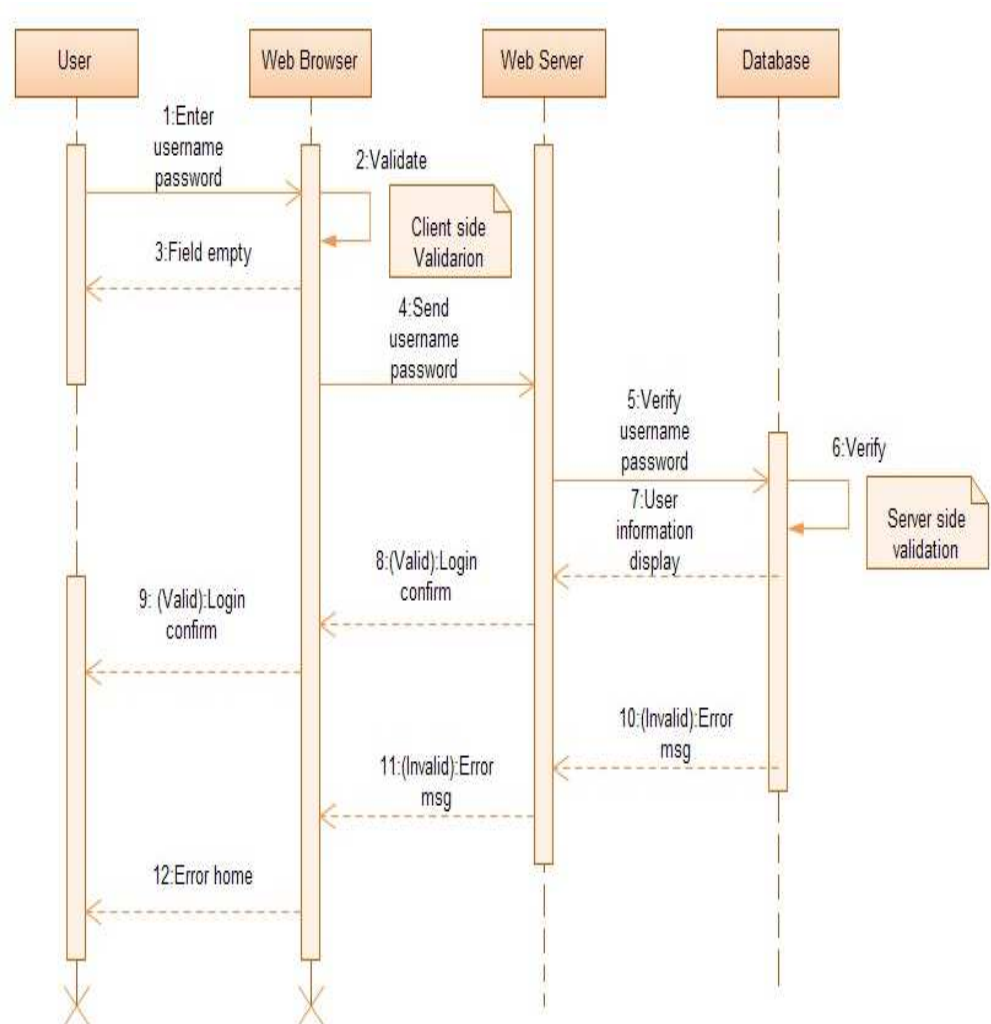


3. Sequence Diagram for Employer Registration:-

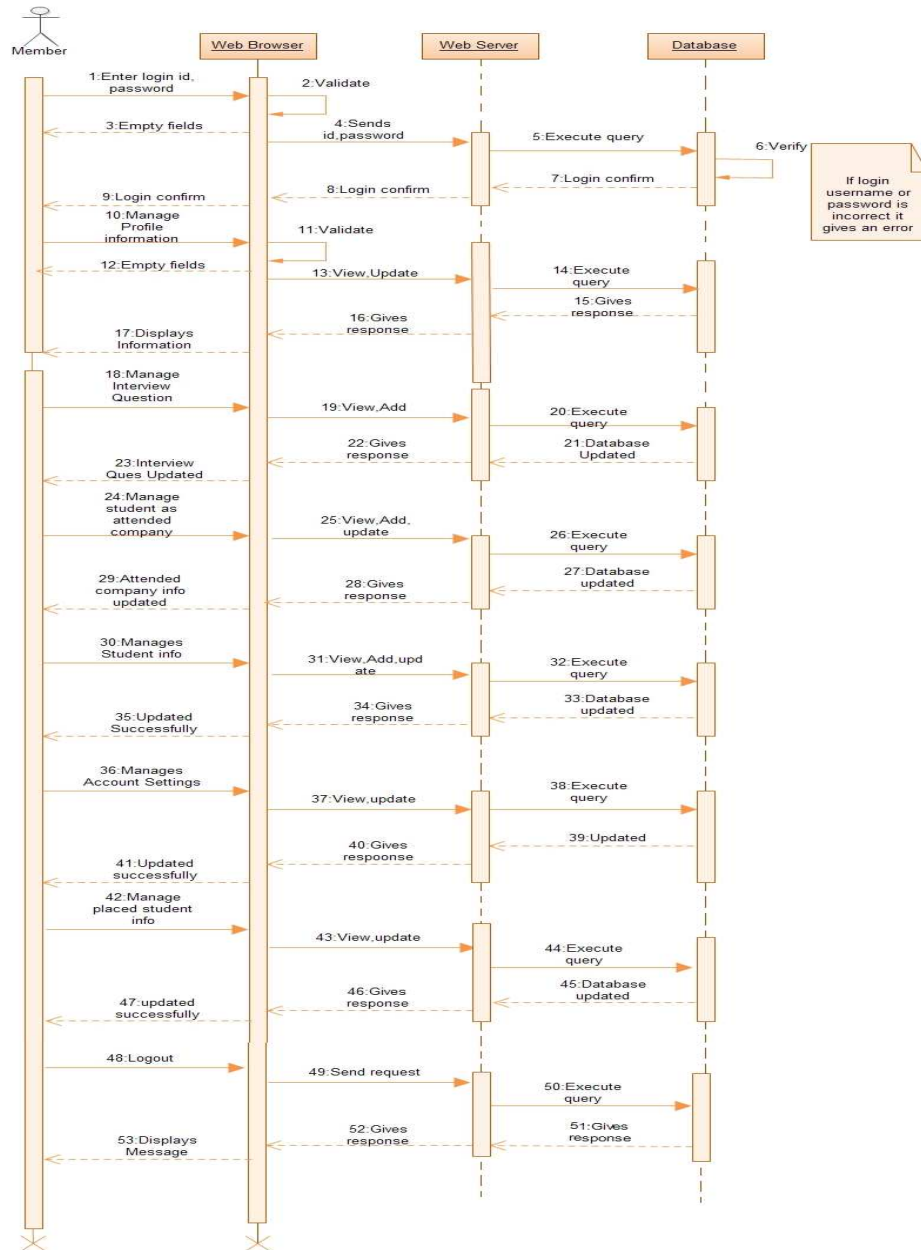


4. Sequence Diagram for Member, Student and Admin

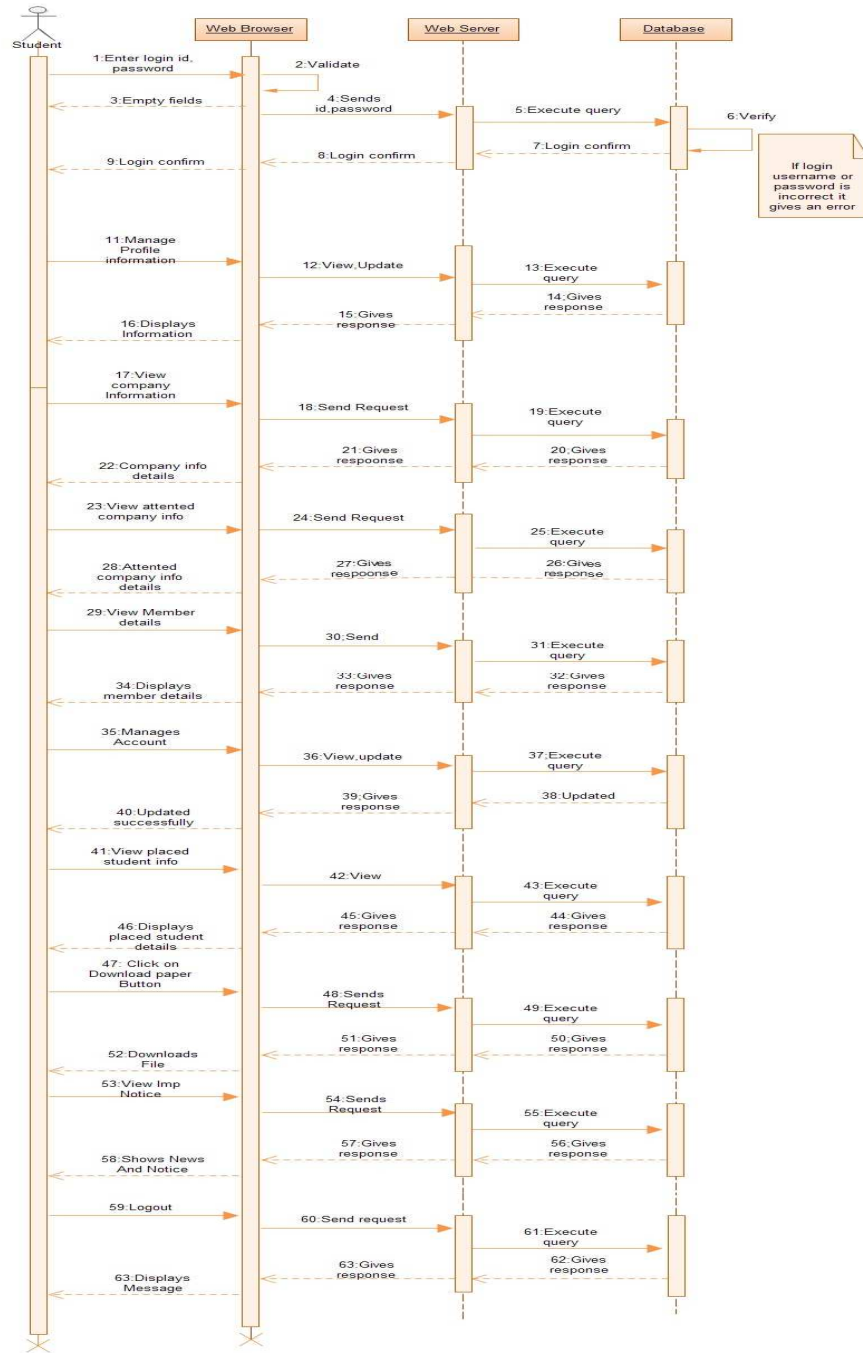
Login:-



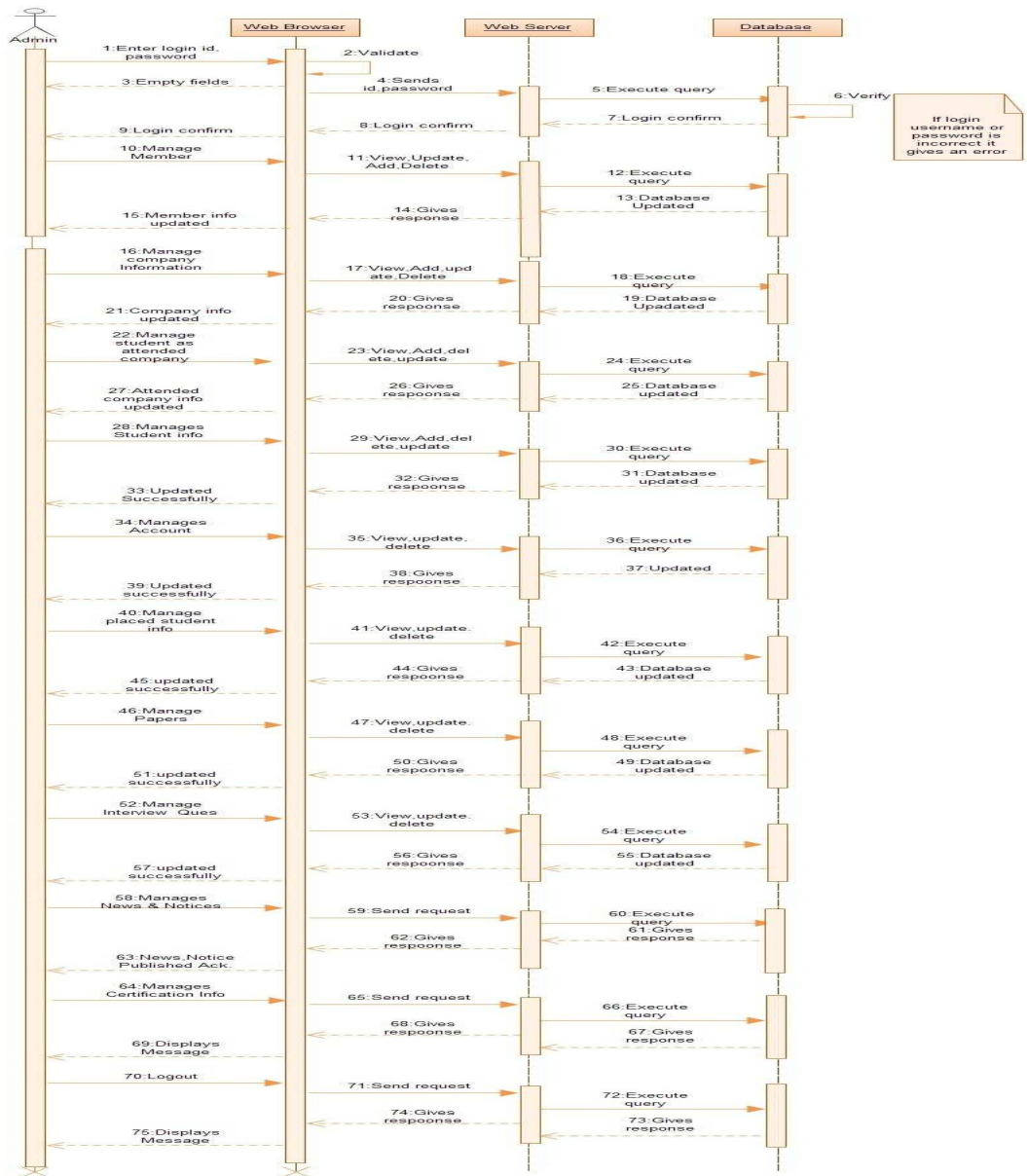
5. Sequence Diagram for Member:-



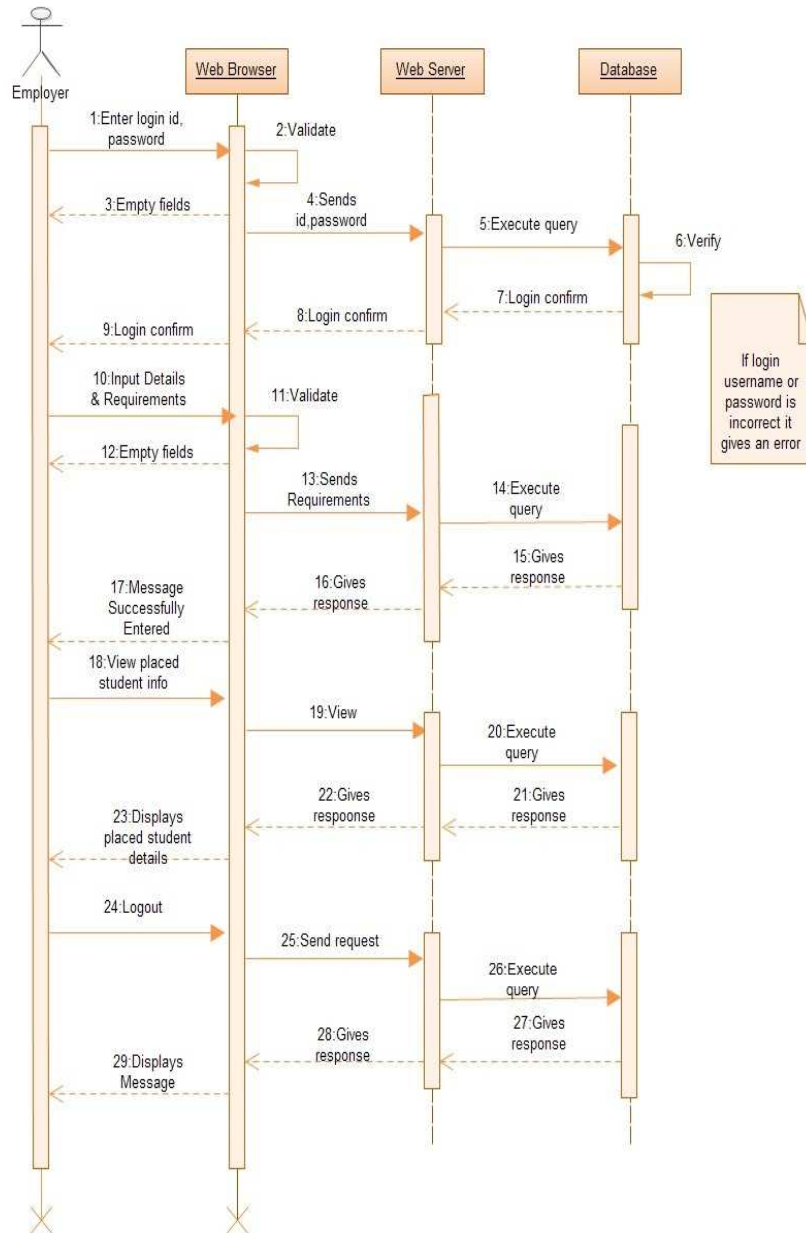
6. Sequence Diagram For Student:-



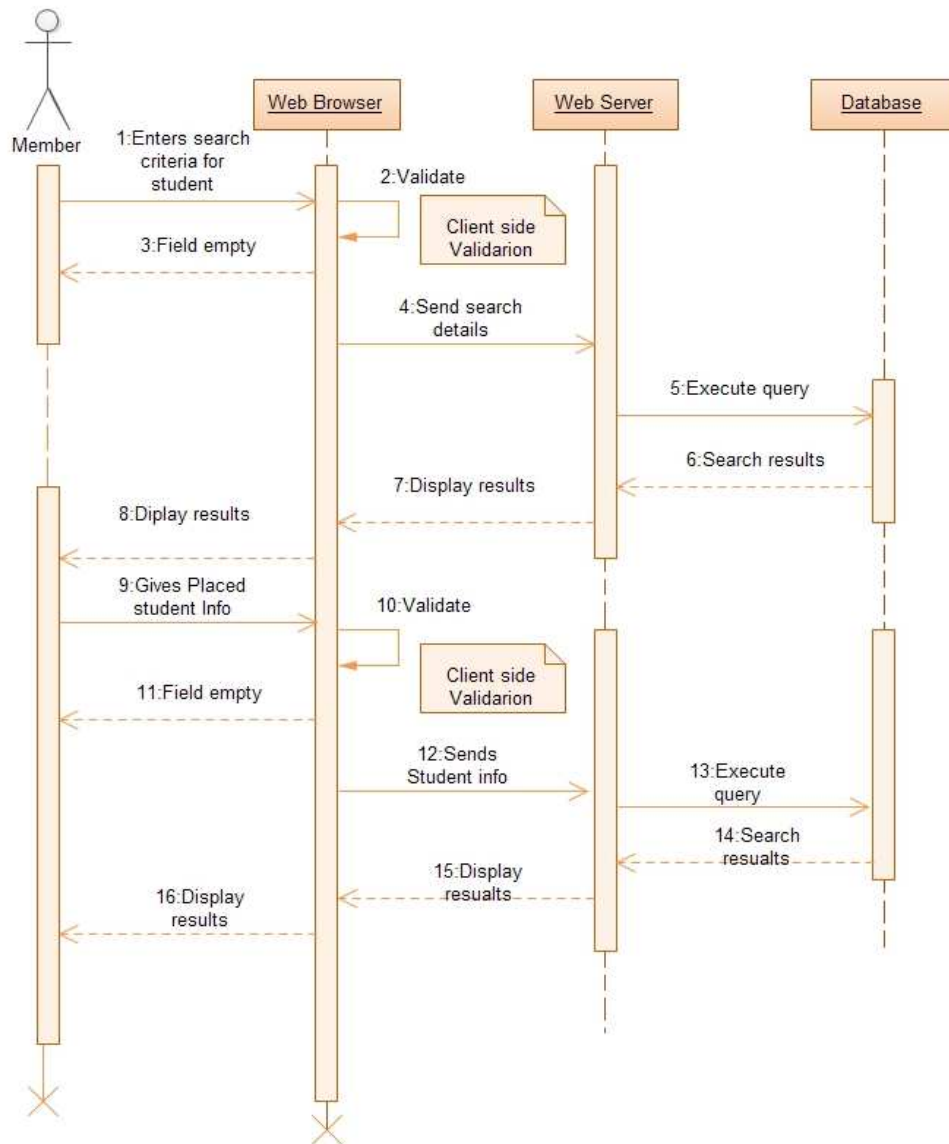
7. Sequence Diagram for Admin:-



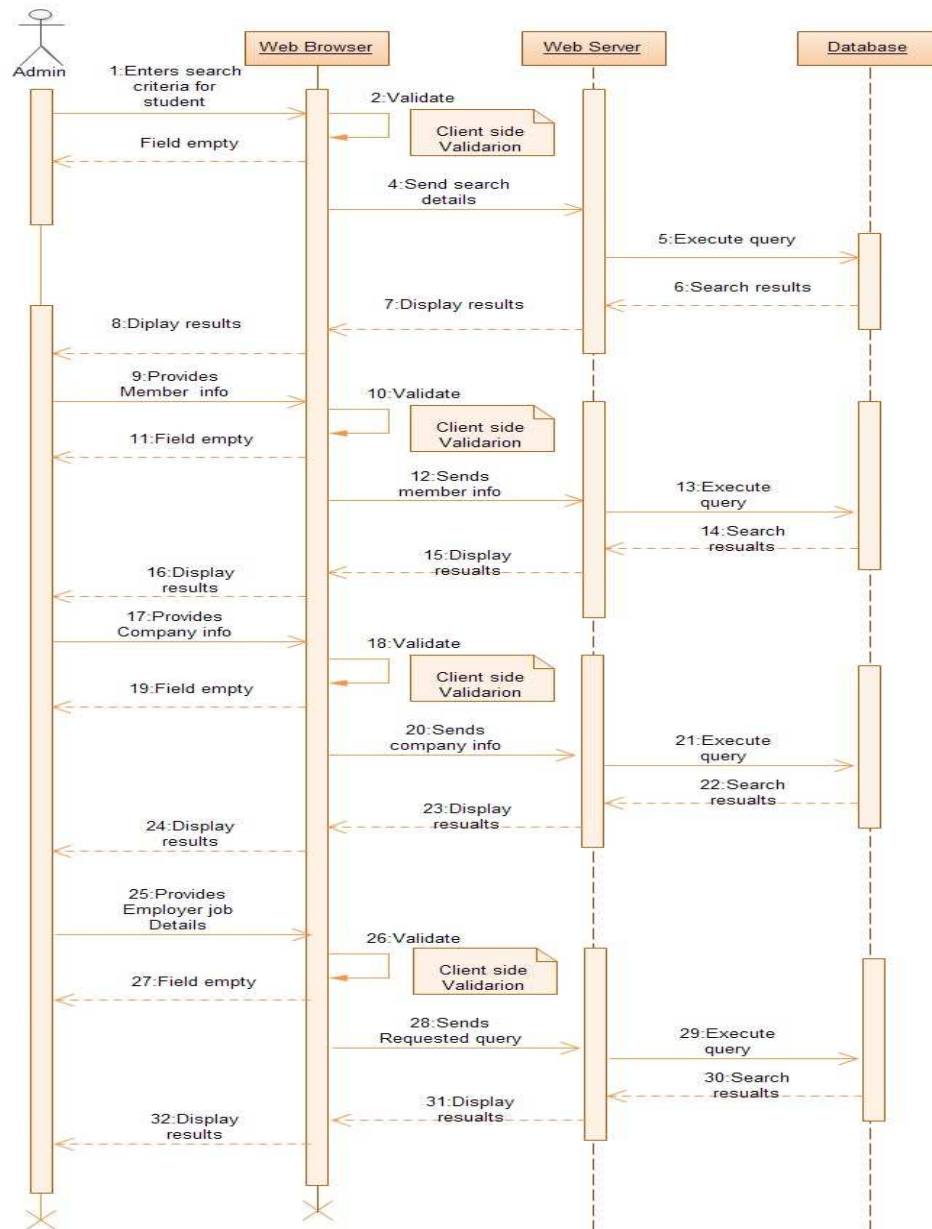
8. Sequence Diagram for Employer:-



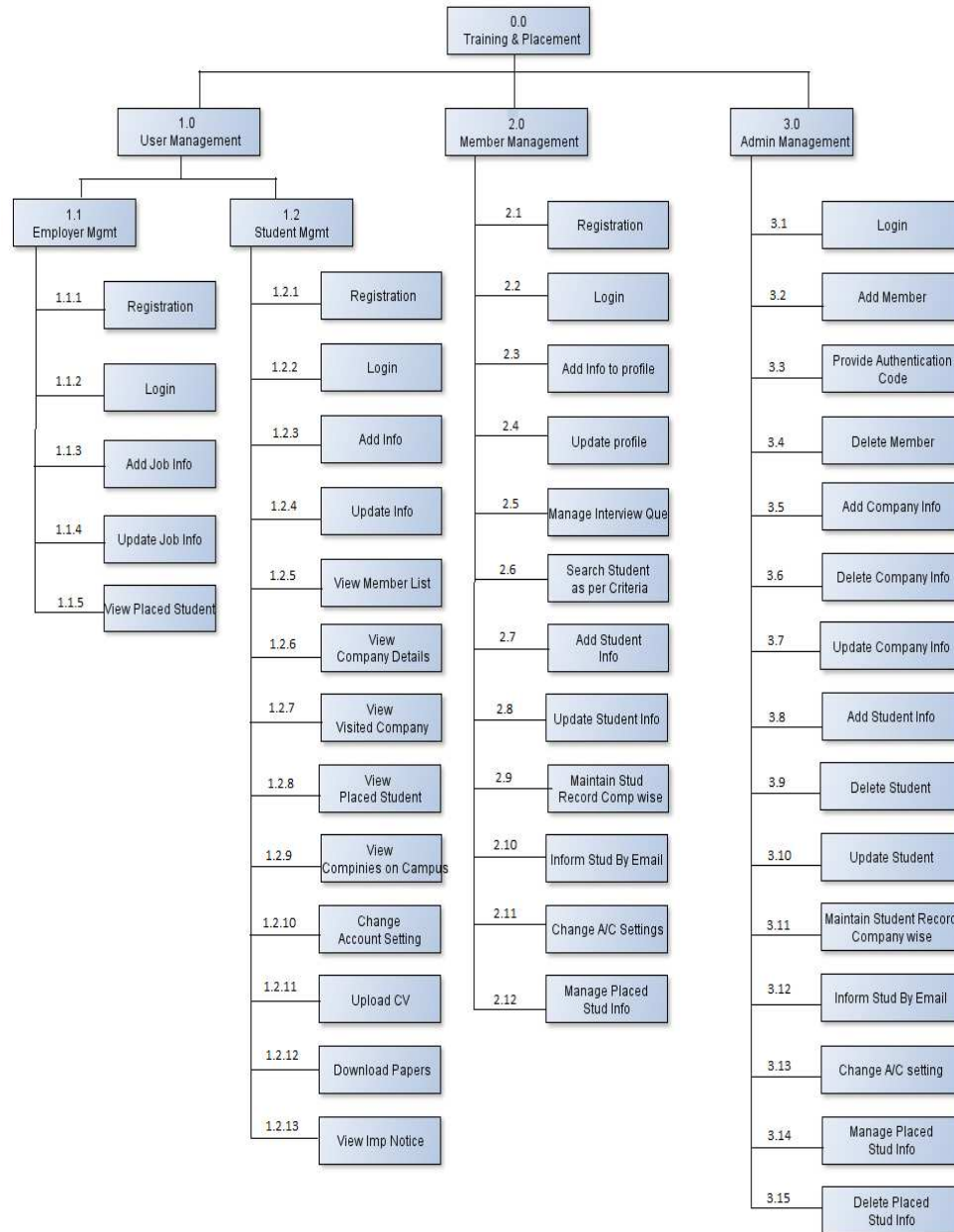
9. Sequence Diagram for Member Search:-



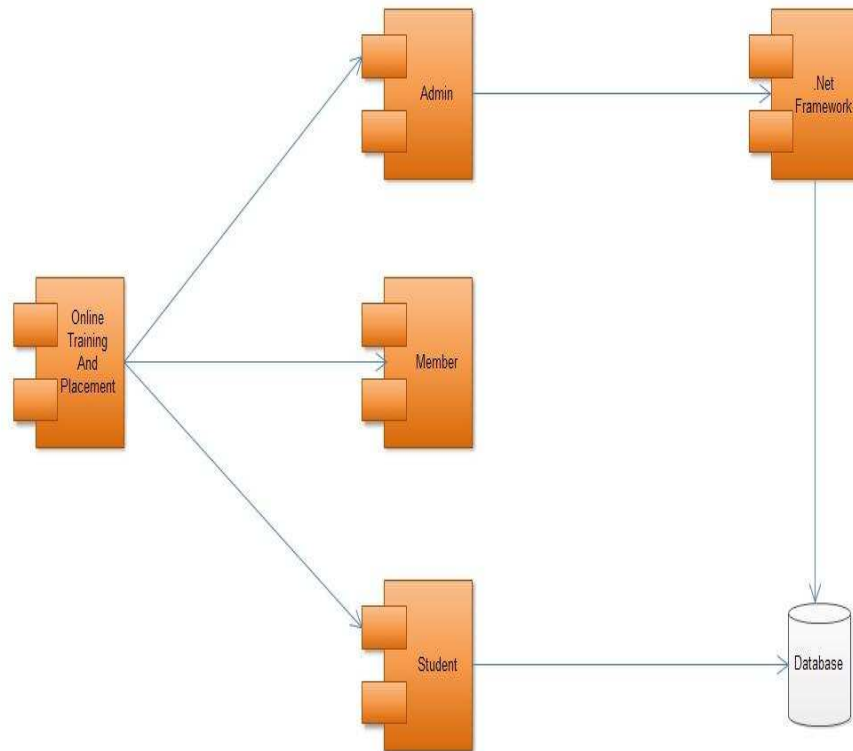
10. Sequence Diagram For Admin Search:-



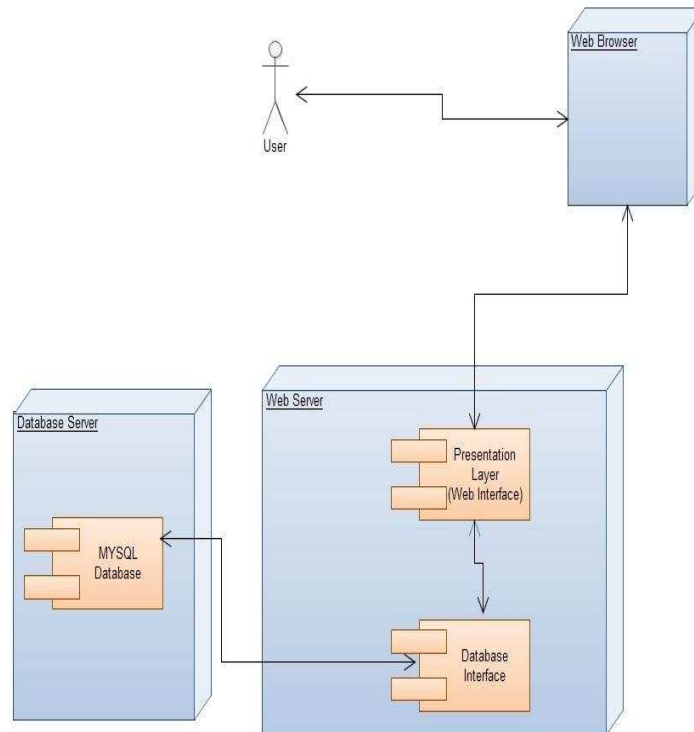
3.7 Module Hierarchy Diagram:-



3.8 Component Diagram:-



3.9 Deployment Diagram:-



3.10 MODULE SPECIFICATIONS:

The system is divided in three major modules

1. User modules for application
2. Member Management.
3. Admin Management

In our system there are 4 major users each user as one module:

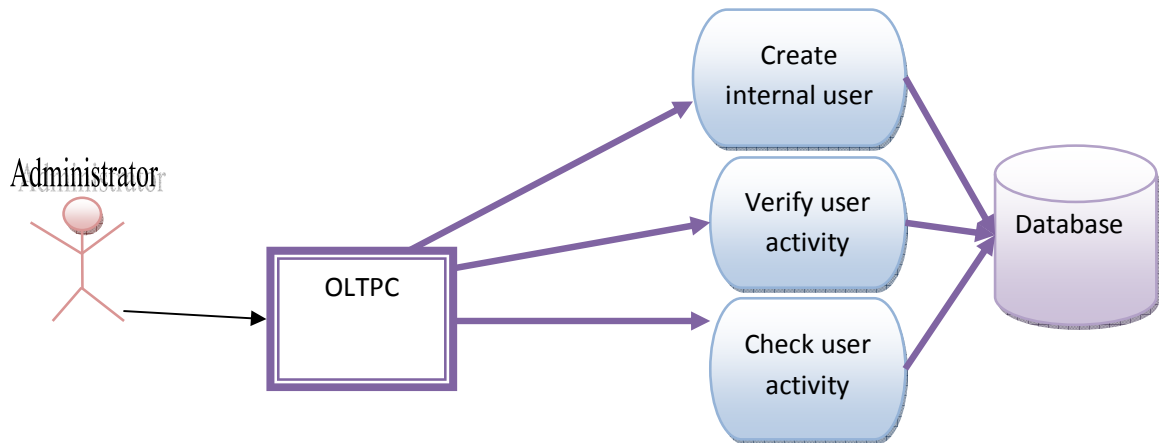
- 1) Administrator
- 2) Member
- 3) Student
- 4) Employee

3.10.1: Administrator

An administrator can create an all members.

It verifies all internal users' activity.

Check intruder activity report and using their report administrator



3.10.2: Member

An Member can all the student information.

Member can notify student about events.

3.10.3: Student

Student can create profile & update there information.

Student can upload there CV.

Student can view member list & companyes.

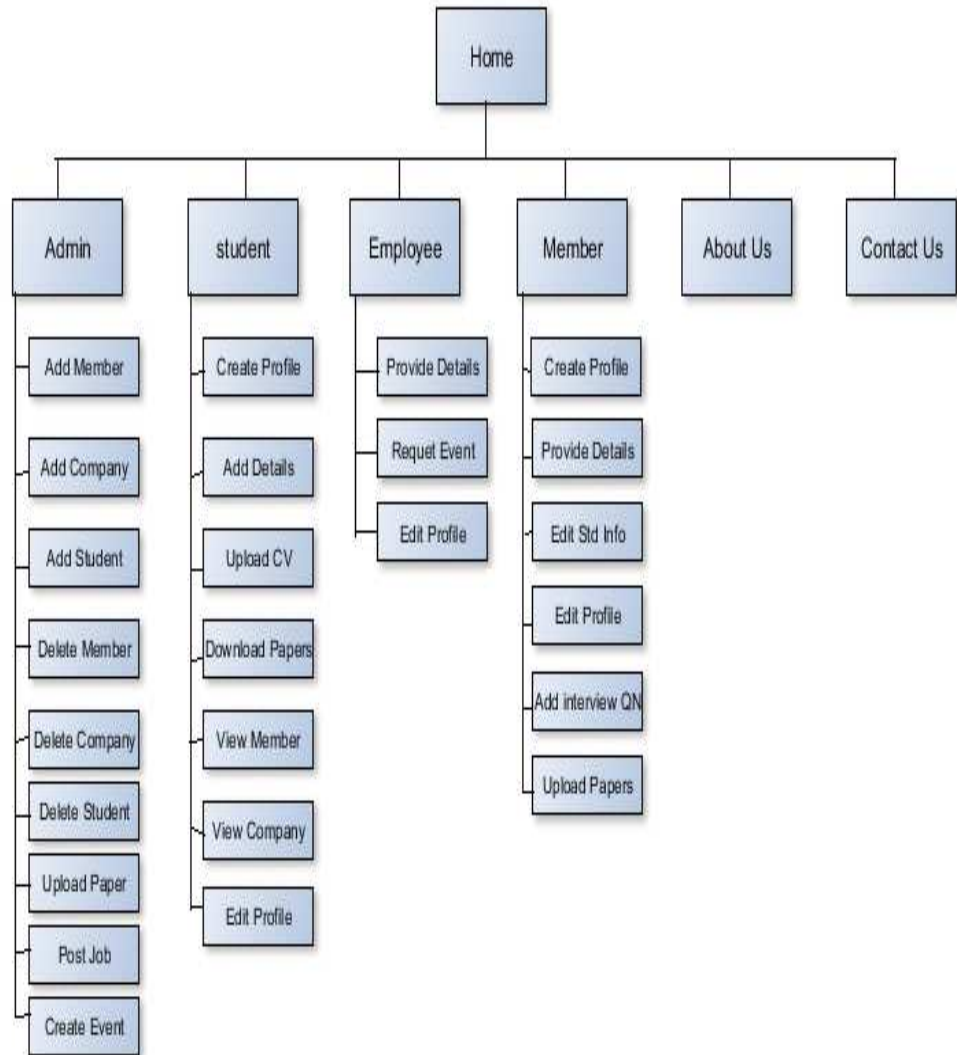
3.10.4: Employee

Employee provides the criaterian for student.

Employee can post jobs.

Employee provides company details.

3.11 WEBSITE MAP DIAGRAM :



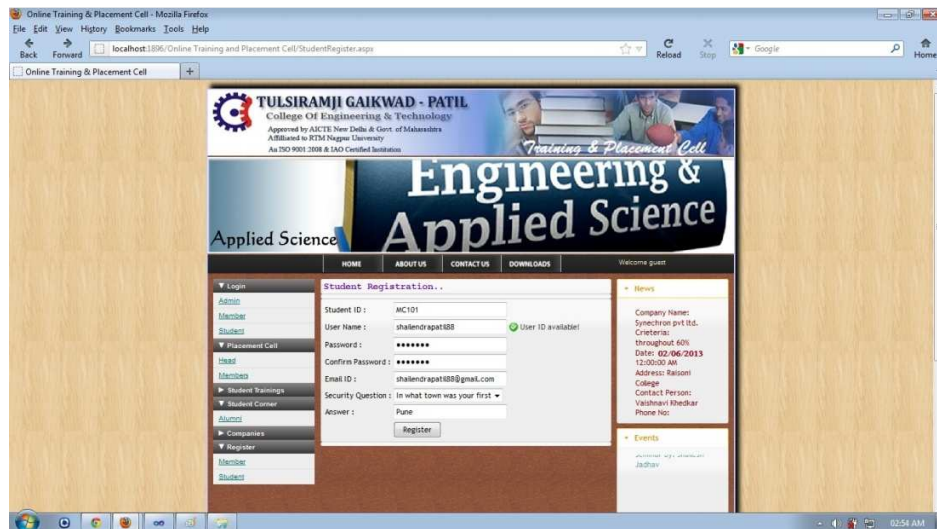
3.11 USER INTERFACE DESIGN

1. Home Screen:



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2.Student Registration:



The screenshot shows a web browser window displaying the 'Student Registration' page of the 'Online Training & Placement Cell' for Tulsiramji Gaikwad - Patil College of Engineering & Technology. The page features a navigation menu with links for Home, About Us, Contact Us, and Downloads. A sidebar on the left contains a 'Login' section with links for Admin, Member, and Student, and a 'Register' section with links for Member and Student. The main content area is titled 'Student Registration' and contains a form with the following fields: Student ID (MC101), User Name (shalendrapat188), Password (masked with asterisks), Confirm Password (masked with asterisks), Email ID (shalendrapat188@gmail.com), Security Question (in what town was your first), and Answer (Pune). A 'Register' button is located below the form. On the right side, there is a 'News' section with details for 'Synchron Pvt Ltd.' including criteria, date (02/06/2013), address (Balsori College), and contact person (Vaishnavi Bheekar). An 'Events' section is also visible at the bottom right.

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3.Employee Registration:

The screenshot shows a web browser window displaying the 'Employer Registration' form. The form is titled 'Employer Registration' and contains the following fields and values:

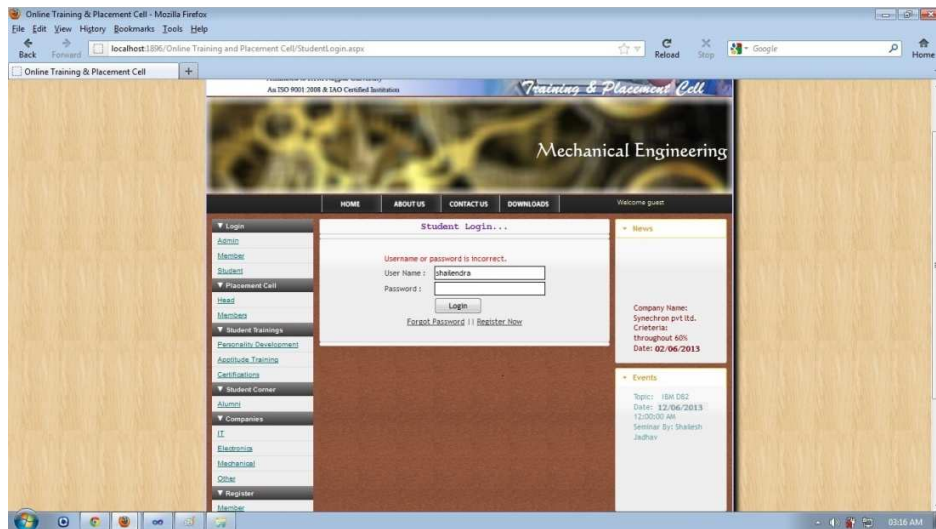
Field	Value
User ID :	Vishal_yadav
Password :	*****
Confirm Password :	*****
First Name :	Vishal
Middle Name :	Subhash
Last Name :	Yadav
Company Name :	webtech pvt ltd
Address :	Kothrud, Pune
City :	Pune
State :	Maharashtra
Zipcode :	440025
Contact No. :	9890383880
Email ID :	Vishal_yadav@gmail.com
Confirm Email ID :	Vishal_yadav@gmail.com
Company Profile :	webtech pvt ltd

A message 'User ID taken, sorry.' is displayed next to the User ID field. The browser window shows the URL 'localhost:1896/Online Training and Placement Cell/Empr_Registration.aspx' and the website name 'Electronic & Tele.Com'. The browser window also shows a navigation menu with links for HOME, ABOUT US, CONTACT US, and DOWNLOADS. The left sidebar contains a navigation menu with links for Login, Admin, Member, Student, Placement Cell, Head, Members, Student Trainings, Personality Development, Aptitude Training, Certifications, Student Corner, Alumni, and Companies. The right sidebar contains a 'News' section with contact information for Vaishnavi Khedkar and an 'Events' section with details for a Robotics seminar.

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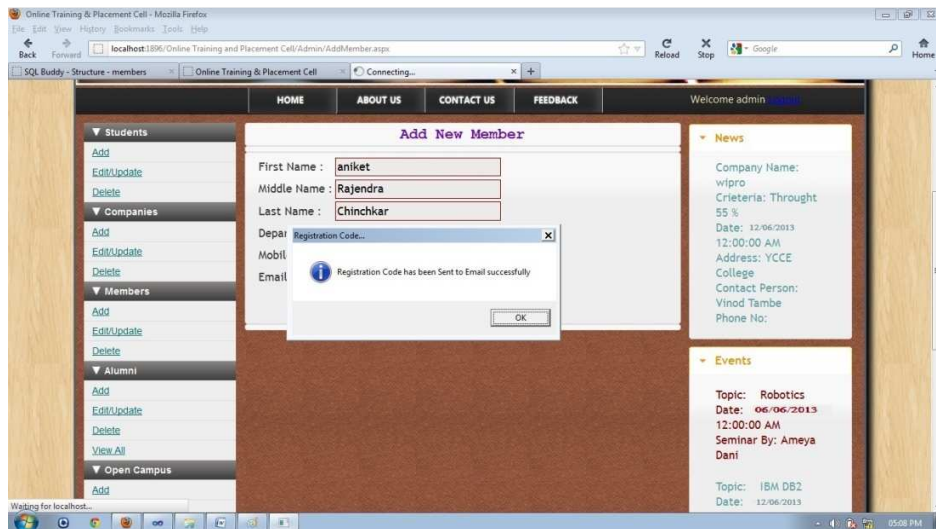
4.Login Page for User:



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5.Add Member:



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6.Add Company:

Online Training & Placement Cell - Mozilla Firefox
localhost:1896/Online Training and Placement Cell/Admin/Add_Companies_Admin.aspx

Basic Engineering

HOME ABOUT US CONTACT US FEEDBACK Welcome admin

▼ Students
Add
Edit/Update
Delete

▼ Companies
Add
Edit/Update
Delete

▼ Members
Add
Edit/Update
Delete

▼ Alumni
Add
Edit/Update
Delete
View All

▼ Open Campus
Add

Add Company

Company Name: Synchron pvt ltd

Delegate Name: Please Enter Delegate Name

Delegate Contact No.:

Requirement: MCA

Criteria: Throughout 60

Visiting Date:

Company Type: IT

Certification Required: YES NO

▼ News
Company Name: wipro
Criteria: Throught 55 %
Date: 12-06-2013 12:00:00 AM
Address: YCCE College
Contact Person: Vinod Tambe
Phone No:

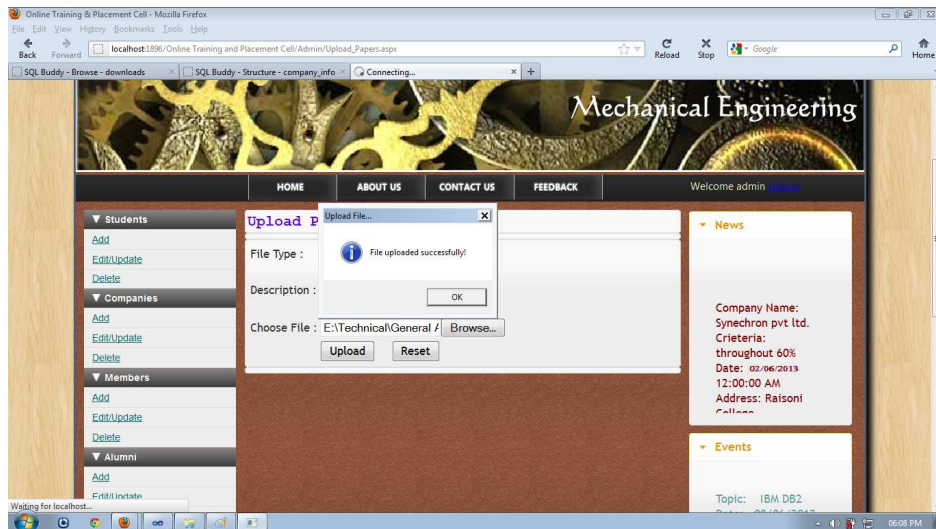
▼ Events

10:58 AM

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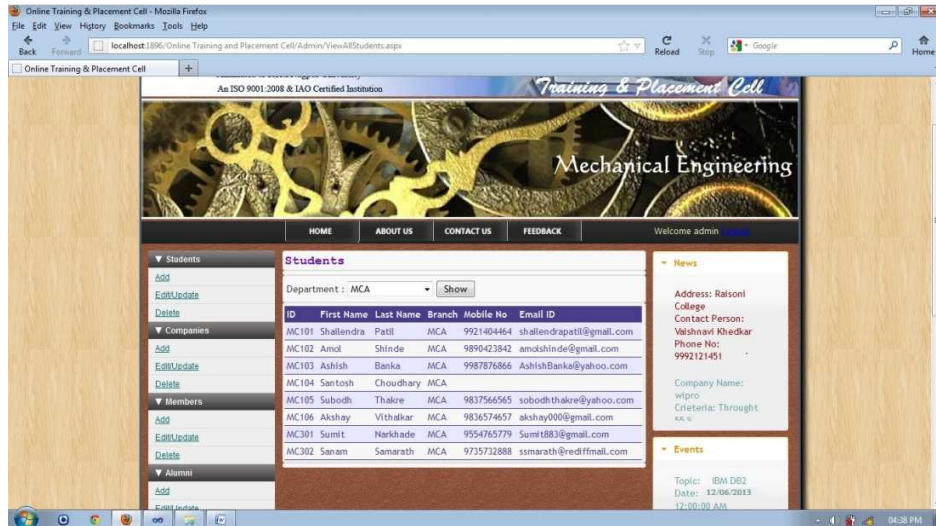
7.Upload Paper Admin:



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8.View Student Details:



The screenshot displays a web application interface for an online training and placement cell. The main content area shows a list of students for the Mechanical Engineering department. The table below contains the student details:

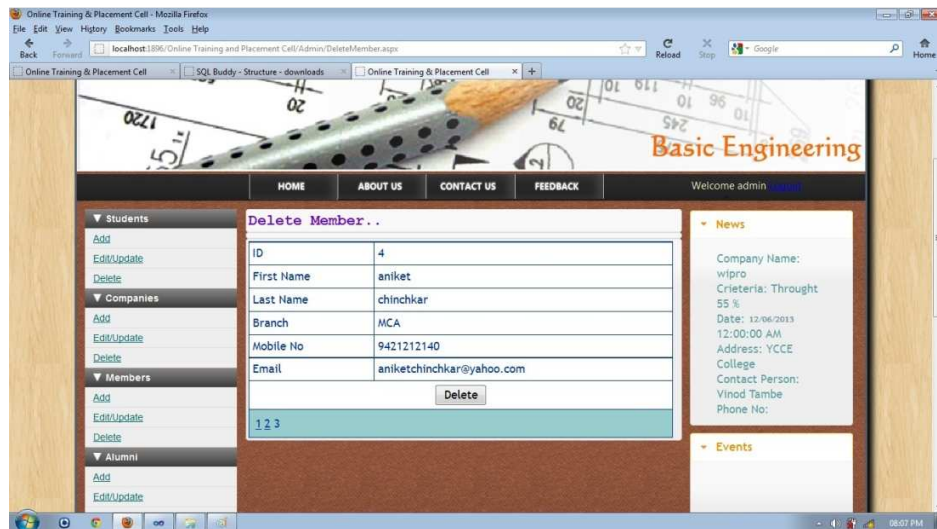
ID	First Name	Last Name	Branch	Mobile No	Email ID
MC101	Shallendra	Patil	MCA	9921404464	shallendrapatil@gmail.com
MC102	Amol	Shinde	MCA	9890423842	amolshinde@gmail.com
MC103	Ashish	Banka	MCA	9987876886	AshishBanka@yahoo.com
MC104	Santosh	Choudhary	MCA		
MC105	Sobodh	Thakre	MCA	9837566565	sobodhthakre@yahoo.com
MC106	Akshay	Vithakar	MCA	9836574657	akshay000@gmail.com
MC301	Sumit	Narkhade	MCA	9554765779	Sumit883@gmail.com
MC302	Sanam	Samarath	MCA	9735732888	ssmarath@rediffmail.com

The interface also includes a sidebar with navigation options (Students, Companies, Members, Alumni) and a right-hand panel with contact information and news. The browser window title is 'Online Training & Placement Cell - Mozilla Firefox' and the URL is 'localhost:1896/Online Training and Placement Cell/Admin/ViewAllStudents.aspx'.

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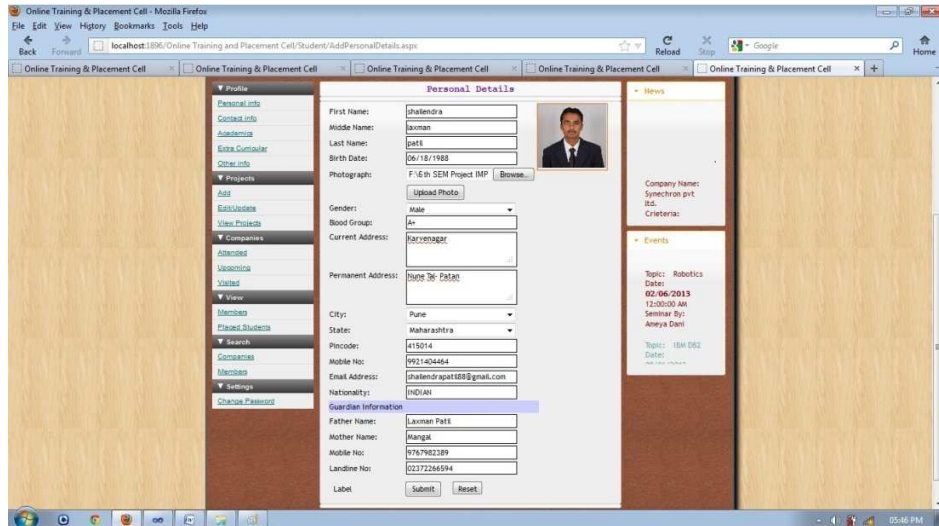
9.Delete Member-Admin:



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10.Profile Info Student:



The screenshot displays a web browser window with the URL `localhost:1886/Online Training and Placement Cell/Student/AddPersonalDetails.aspx`. The page is titled "Personal Details" and contains a form for entering student information. The form fields are as follows:

First Name:	<input type="text" value="Jhalendra"/>
Middle Name:	<input type="text" value="Laxman"/>
Last Name:	<input type="text" value="Patil"/>
Birth Date:	<input type="text" value="06/18/1988"/>
Photograph:	<input type="text" value="F:\E th SEM Project IMP"/> <input type="button" value="Browse..."/>
Gender:	<input type="text" value="Male"/>
Blood Group:	<input type="text" value="A+"/>
Current Address:	<input type="text" value="Bhamburda"/>
Permanent Address:	<input type="text" value="Dusse De - Pashan"/>
City:	<input type="text" value="Pune"/>
State:	<input type="text" value="Maharashtra"/>
Pincode:	<input type="text" value="415014"/>
Mobile No:	<input type="text" value="9921404464"/>
Email Address:	<input type="text" value="Jhalendra.patil88@gmail.com"/>
Nationality:	<input type="text" value="INDIAN"/>
Guardian Information:	
Father Name:	<input type="text" value="Laxman Patil"/>
Mother Name:	<input type="text" value="Mangal"/>
Mobile No:	<input type="text" value="9767982289"/>
Landline No:	<input type="text" value="0212244594"/>
Label:	<input type="button" value="Submit"/> <input type="button" value="Reset"/>

On the right side of the page, there is a "News" section with the following information:

- Company Name: Synectron pvt ltd.
- Criteria:
- Events:
 - Topic: Robotics
 - Date: 02/06/2013
 - 12:00:00 AM
 - Seminar By: Ananya Desai
 - Topic: IBM D62
 - Date:

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3.10 Database Tables:-

1) Students Details:

Field Name	Data Type	Description
STUD_ID	varchar(15)	Primary Key
FIRST_NAME	char(30)	Not Null
MIDDLE_NAME	char(30)	Not Null
LAST_NAME	char(30)	Not Null
DOB	date	Not Null
DEPARTMENT	varchar(50)	Not Null
GENDER	char(10)	Not Null
BLOOD_GROUP	varchar(10)	
CURR_ADDRESS	varchar(100)	Not Null
MOTHER_NAME	char(50)	Not Null
FATHER_NAME	char(50)	Not Null
PER_ADDRESS	varchar(100)	Not Null
CITY	char(30)	Not Null
STATE	char(30)	Not Null
PINCODE	int(6)	Not Null
RESI_PHONE	bigint(8)	
MOBILE_NO	bigint(8)	Not Null
PARENTS_NO	bigint(8)	Not Null
EMAIL_ADDRESS	varchar(90)	Not Null
NATIONALITY	char(50)	Not Null
PHOTOGRAPH	mediumblob	

2) Members:

Field Name	Data Type	Description
MEMBER_ID	int(11)	Primary Key
USER_NAME	varchar(50)	Not Null
PASSWORD	varchar(50)	Not Null
FIRST_NAME	varchar(100)	Not Null
LAST_NAME	varchar(100)	Not Null

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DEPARTMENT	varchar(50)	Not Null
MOBILE_NO	varchar(15)	Not Null
EMAIL_ADDRESS	varchar(30)	Not Null
REGISTRATION_CODE	varchar(50)	
SECURITY_QUESTION	varchar(100)	Not Null
ANSWER	varchar(100)	Not Null
ACT_STATUS	enum('YES','NO')	Not Null

3) Academics :

Field Name	Data Type	Description
STUD_ID	varchar(15)	Foreign Key
HSC_BOARD	char(30)	Not Null
HSC_COLLEGE	char(50)	Not Null
HSC_PERCENT	double	Not Null
HSC_STREAM	char(20)	Not Null
HSC_PASSING_YEAR	date	Not Null
HSC_CLASS	char(15)	Not Null
SSC_BOARD	char(30)	Not Null
SSC_SCHOOL	char(50)	Not Null
SSC_PERCENT	double	Not Null
SSC_PASSING_YEAR	date	Not Null
SSC_CLASS	char(15)	Not Null
DIPLOMA_BOARD	char(50)	
DIPLOMA_FIELD	char(50)	
DIPLOMA_PASSING_YEAR	date	
DIPLOMA_PERCENT	double	
DIPLOMA_CLASS	char(15)	
GRAD_UNIVERSITY	varchar(50)	
GRAD_COURSE	varchar(30)	
GRAD_PERCENT	double	

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GRAD_PASSING_YEAR	date	
GRAD_COLLEGE	varchar(50)	
PG_UNIVERSITY	varchar(50)	
PG_COURSE	varchar(30)	
PG_PERCENT	double	
PG_COLLEGE	varchar(100)	
PG_CLASS	char(15)	

4) Alumni:

Field Name	Data Type	Description
PLACED_STUD_ID	int(4)	Primary Key
STUD_ID	varchar(15)	Foreign Key
COMPANY_ID	int(4)	Foreign Key
PACKAGE_OFFERED	varchar(25)	
JOINING_DATE	date	
TYPE	varchar(25)	

5) Activation Status:

Field Name	Data Type	Description
USER_ID	varchar(50)	Not Null
ACTIVATION_CODE	varchar(15)	Not Null
STATUS	enum('YES','NO')	NO(default)
ACTIVATION_DATE	Date	

6) Company info:

Field Name	Data Type	Description
COMPANY_ID	int(4)	Primary Key
COMPANY_NAME	varchar(100)	Not Null
COMPANY_TYPE	varchar(50)	Not Null
VISITING_DATE	date	Not Null
PACKAGE_OFFERED	varchar(25)	
EMAIL_ADDRESS	varchar(50)	Not Null
FAX_NO	varchar(25)	

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CONTACT_NO	int(15)	Not Null
CITY	varchar(20)	Not Null
ADDRESS	varchar(50)	Not Null
COMPANY_FIELD	varchar(50)	Not Null
REQUIREMENT	int(4)	
CRITERIA	varchar(10)	

7) Extra Curricular:

Field Name	Data Type	Description
STUD_ID	varchar(15)	Foreign Key
CULTURAL	char(100)	
CUL_ACHIEVEMENT	char(50)	
SPORTS	varchar(100)	
SPORTS_ACHIEVEMENT	varchar(100)	
ACADEMIC	varchar(100)	
EDUCATIONAL	varchar(100)	
SOCIAL_SERVICES	varchar(100)	

8) Project Details:

Field Name	Data Type	Description
STUD_ID	varchar(15)	Foreign Key
PROJECT_NAME	varchar(100)	
PROJECT_DESCRIPTION	varchar(300)	
PROJECT_DURATION	int(4)	
TEAM_MEMBER	int(4)	
SPONSERED_BY	varchar(50)	
IMPLEMENTED_BY	varchar(50)	
DEVELOPMENT_YEAR	date	

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TECHNOLOGY_USED	varchar(50)	
OTHER_TECH_USED	varchar(50)	

9) Resume Details:

Field Name	Data Type	Description
STUD_ID	varchar(15)	Foreign Key
FILE	blob	Not Null

10) Specialization:

Field Name	Data Type	Description
SPECIALIZATION_ID	varchar(15)	Primary Key
STUD_ID	varchar(15)	Foreign Key
LANGUAGES_KNOWN	varchar(100)	
OTHER_LANG	char(20)	
CERTIFICATION	varchar(100)	
TECH_SKILLS	varchar(100)	
OTHER_SKILLS	varchar(100)	

11) Student Registration:

Field Name	Data Type	Description
STUD_ID	varchar(15)	Foreign Key
USER_NAME	varchar(50)	Not Null
PASSWORD	varchar(50)	Not Null
SECURITY_QUESTION	varchar(100)	Not Null
ANSWER	varchar(100)	Not Null

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12) Visited Companies:

Field Name	Data Type	Description
VISITED_COMP_ID	int(4)	Primary Key
COMPANY_ID	int(4)	Foreign Key
VISITED_DATE	Date	Not Null
DELEGATE_NAME	varchar(100)	Not Null
DELEGATE_MOBILE_NO	varchar(100)	
DELEGATE_EMAIL_ID	varchar(100)	

13) Admin:

Field Name	Data Type	Description
USER_ID	varchar(10)	Primary Key
PASSWORD	varchar(50)	

14) Attended Companies:

Field Name	Data Type	Description
ID	int(11)	Primary Key
STUD_ID	varchar(15)	Foreign Key
COMPANY_ID	int(4)	Foreign Key
ROUNDS_CLEARED	varchar(20)	

15) Certification:

Field Name	Data Type	Description
CERTIFICATION_ID	int(10)	Primary Key
CERTIFICATION_TYPE	varchar(20)	
CERTIFICATION_DURATION	varchar(10)	
CERTIFICATION_PROVIDER	varchar(20)	
PROVIDER_NO	int(15)	
STD_ALLOWED	int(10)	
FEES	int(10)	

16)Papers:

Field Name	Data Type	Description
ID	int(11)	Primary Key
FILE_NAME	varchar(25)	
FILE_SIZE	int(11)	
TYPE	varchar(20)	
DESCRIPTION	varchar(50)	
FILE	mediumblob	
DATE	date	

17)Employer Registration:

Field Name	Data Type	Description
EMP_ID	varchar(30)	Primary Key
FIRST_NAME	varchar(30)	
LAST_NAME	varchar(30)	
MIDDLE_NAME	varchar(30)	
PASSWORD	varchar(30)	
COMPANY_NAME	varchar(30)	
ADDRESS	varchar(50)	
CITY	varchar(20)	
STATE	varchar(20)	
ZIPCODE	bigint(6)	
CONTACT_NO	bigint(15)	
EMAIL_ADDRESS	varchar(30)	
COMPANY_PROFILE	varchar(50)	
WEBSITE	varchar(50)	

18)Interview Questions:

Field Name	Data Type	Description
INTERVIEW_QUES_ID	int(10)	Primary Key
QUESTION	varchar(100)	
COMPANY_ID	varchar(10)	
COMPANY_TYPE	varchar(20)	

YEAR	date	
------	------	--

19)Seminar:

Field Name	Data Type	Description
SEMINAR_ID	int(11)	Primary Key
SEMINAR_TOPIC	varchar(20)	
SEMINAR_DATE	date	
SEMINAR_TIME	varchar(10)	
SEMINAR_BY	varchar(20)	
DEPARTMENT	varchar(50)	

20)Post Job:

Field Name	Data Type	Description
POST_ID	int(10)	Primary Key
COMPANY_NAME	varchar(40)	
SELECTION_PROSS	varchar(50)	
ELIGIBILITY_CRITERIA	varchar(30)	
REQUIREMENT	varchar(80)	
EXAM_DATE	date	
VENUE_ADDRESS	varchar(50)	
CONTACT_PERSON	varchar(20)	
CONTACT_PNO	bigint(50)	
EXAM_CITY	varchar(20)	

21)Open Campus:

Field Name	Data Type	Description
ID	int(11)	Primary Key
Company_Name	varchar(20)	
Company_Type	varchar(10)	
Eligibility_Criteria	varchar(20)	
Requirement	varchar(20)	
Process_Date	date	
Process_Center	varchar(20)	
Process_Time	varchar(10)	
Process_Center_Address	varchar(100)	

3.11 Test Procedure and Implementation:-

1.Test case of Registration

Test ID	Module	Sub-Module	Test case	Expected Result	Actual Result
1.	Registration		When user click on registration menu.	Should display registration page.	Displays registration page.
2.	Registration		When User keep any of the required field blank.	Should display message "Please fill the blank fields"	Displays message "Please fill the blank fields"
3.	Registration		When name contain Special character.	Should display message "Name filed cannot contain special character"	Displays Message "Name filed cannot contain special character"
4.	Registration		When student enters birth date less than 18 years.	Should display message "Birth Date cannot be less than 18"	Displays message "Birth Date cannot be less than 18"
5.	Registration		When user enter	Should display	Displays message

			character in contact no field.	message "Character cannot be used in contact no."	"Character cannot be used in contact no."
6.	Registration		When user enter incorrect email id.	Should display message "Please enter email id in correct form"	Displays message "Please enter email id in correct form"
7.	Registration		When user enter different password in confirm password field.	Should display message "Please enter same password"	Displays message "Please enter same password"

Test case of Login

Test ID	Module	Sub-Module	Test case	Expected Result	Actual Result
1.	Login		When Username and password are entered correctly	Should display a home page according to user category	Display a home page according to user category
2.	Login		When User	Should	Displays

			name and Password entered incorrectly	display validation message	message "Username Password Incorrect "
3.	Login		When User name and Password fields are kept blank	Should display message "Please enter username and password"	Displays Message please enter username and password.
4.	Login	Login as Admin	When Username and password are entered correctly	Should display a home page containing main modules and options for various data entries	Displays home page related admin.
5.	Login	Login as User	When Username and password are entered correctly	Should display a home page related To User (Student, Member, Employer)	Displays a home page related To User (Student, Member, Employer)
6.	Login	Login as User	When first time.	Should display a page containing Activation	Display a page containing Activation code

				code option.	option.
7.	Login	Login as User	When activation code filled incorrectly.	Should display error message "Please enter correct code"	Display error message "Please enter correct code"
8.	Login	Login as User	When activation code filled correctly.	Should display student Home page.	Display student Home page.

2.Test case of Normal User module

Test ID	Module	Sub-Module	Test case	Expected Result	Actual Result
1.	Normal user	Student	When student click on Profile.	Should display page containing the profile.	Displays page containing profile.
2.	Normal user	Student	When student click on personal info tab.	Should display page containing the personal detail form.	Displays page containing personal detail form.
3.	Normal user	Student	When student input personal	Should display a Error message if	Displays Error message fields

			details and click on update button	mandatory fields are kept blank.	should not be kept blank.
4.	Normal user	Student	When student input personal details and click on update button	Should display message information updated successfully.	Displays message information updated successfully.
5.	Normal user	Student	When student clicks on academics tab.	Should display page containing the academics details tabs.	Displays page containing academics detail tabs.
6.	Normal user	Student	When student clicks on SSC tab.	Should display page containing SSC details form.	Displays page containing SSC details form.
7.	Normal user	Student	When student input SSC details and click on update button	Should display a Error message if mandatory fields are kept blank.	Displays Error message fields should not be kept blank.
8.	Normal user	Student	When student	Should display	Displays message

			input SSC details and click on update button	message information updated successfully.	information updated successfully.
9.	Normal user	Student	When student clicks on HSC tab.	Should display page containing HSC details form.	Displays page containing HSC details form.
10.	Normal user	Student	When student input HSC details and click on update button	Should display a Error message if mandatory fields are kept blank.	Displays Error message fields should not be kept blank.
11.	Normal user	Student	When student input HSC details and click on update button	Should display message information updated successfully.	Displays message information updated successfully.
12.	Normal user	Student	When student clicks on Diploma tab.	Should display page containing Diploma details form.	Displays page containing Diploma details form.
13.	Normal user	Student	When student input	Should display a Error	Displays Error message

			Diploma details and click on update button	message if mandatory fields are kept blank.	fields should not be kept blank.
14.	Normal user	Student	When student input Diploma details and click on update button	Should display message information updated successfully.	Displays message information updated successfully.
15.	Normal user	Student	When student clicks on Graduation tab.	Should display page containing Graduation details form.	Displays page containing Graduation details form.
16.	Normal user	Student	When student input Graduation details and click on update button	Should display a Error message if mandatory fields are kept blank.	Displays Error message fields should not be kept blank.
17.	Normal user	Student	When student input Graduation details and click on	Should display message information updated successfully.	Displays message information updated successfully.

			update button		
18.	Normal user	Student	When student clicks on Post Graduation tab.	Should display page containing Post Graduation details form.	Displays page containing Post Graduation details form.
19.	Normal user	Student	When student input Post Graduation details and click on update button	Should display a Error message if mandatory fields are kept blank.	Displays Error message fields should not be kept blank.
20.	Normal user	Student	When student input Post Graduation details and click on update button	Should display message information updated successfully.	Displays message information updated successfully.
21.	Normal user	Student	When student clicks on upload cv button.	Should ask for the file to be uploaded.	Dialogue box appears and asks to upload file.
22.	Normal user	Student	When student clicks on	Should display message if	Displays message please select

			upload cv button.	file not selected.	file to upload.
23.	Normal user	Student	When student clicks on upload cv button.	Should display message if file uploaded successfully.	Displays message cv uploaded successfully.
24.	Normal user	Student	When student clicks on download button.	Paper should be downloaded.	Paper downloaded successfully.
25.	Normal user	Student	When student clicks on Account setting tab.	Should display page containing account setting details form.	Displays page containing account setting details form.
26.	Normal user	Student	When student clicks on change password button.	Should display page containing password settings.	Displays page containing password.
27.	Normal user	Student	When student clicks on change ok button.	Should display error message if previous password not entered correctly	Displays error message enter password correctly.
28.	Normal user	Student	When student clicks on	Should display error message if	Displays error message

			change ok button.	any of the field is kept blank	please fill all the fields.
29.	Normal user	Student	When student clicks on change ok button.	Should display message if password changed su.	Displays message password changed successfully.

3.Test case of Normal User module (Employer)

Test ID	Module	Sub-Module	Test case	Expected Result	Actual Result
1.	Normal User	Employer	When Marked fields are kept blank	Should display message “Please fill the marked fields”	Display Message please fill marked fields.
2.	Normal User	Employer	When job informati on is entered correctly	Should display job posted successfully .	Displays Job posted successfully .

4. Test case of Member module

Test ID	Module	Sub-Module	Test case	Expected Result	Actual Result
1.	Member		When member click on Profile.	Should display page containing the profile.	Displays page containing profile.
2.	Member		When member click on personal info tab.	Should display page containing the personal detail form.	Displays page containing personal detail form.
3.	Member		When member input personal details and click on update button	Should display a Error message if mandatory fields are kept blank.	Displays Error message fields should not be kept blank.
4.	Member		When member enter incorrect email id.	Should display message "Please enter email id in correct form"	Displays message "Please enter email id in correct form"
5.	Member		When name contain Special character.	Should display message "Name filed cannot contain spec	Displays Message "Name filed cannot contain special char

6.	Member		When member enters birth date less than 18 years.	Should display message “ Birth Date cannot be less than 18”	Displays message “ Birth Date cannot be less than 18”
7.	Member		When member enter character in contact no field.	Should display message “Character cannot be used in contact no.”	Displays message “Character cannot be used in contact no.”
8.	Member		When member input personal details and click on update button	Should display message information updated successfully.	Displays message information updated successfully.
9.	Member		When member clicks on add/update student menu.	Should display page with the student information.	Displays page with the student information.
10.	Member		When member clicks on add/update button	Should display message student information updated	Displays message student information updated successfully.

				successfully.	
11.	Member		When member clicks on student search button.	Should display page with the search option.	Displays page with the search option.
12.	Member		When member clicks on throughout tab.	Should display page with throughout search option.	Display page with throughout search option.
13.	Member		When member keeps any of the field blank.	Should display message "please fill the blank fields".	Display message "please fill the blank fields".
14.	Member		When member use character in percent field.	Should display message "Character not allowed in this field".	Should display message "Character not allowed in this field".
15.	Member		When member clicks on other tab button.	Should display page with other criteria search option.	Display page with other criteria search option.
16.	Member		When member keeps any of the	Should display message "Please fill	Display message "Please fill the blank

			field blank.	the blank fields”.	fields”.
17.	Member		When member gives percent more than 100.	Should display message “Percentage cannot be greater than 100”.	display message “Percentage cannot be greater than 100”.
18.	Member		When member clicks on search button.	Should display the results as per the criteria selected.	Display the results as per the criteria selected.
19.	Member		When member clicks on send mail to all button.	Should send the mail to all selected student.	Send mail to all the selected student.
20.	Member		When member clicks on add placed student menu.	Should display page with the placed student add/update option.	Displays page with the placed student add/update option.
21.	Member		When any field is kept blank.	Should display message “Please fill the blank fields”.	Display message “Please fill the blank fields”.
22.	Member		When member	Should display	Display message

			clicks on add placed student button.	message “Information added successfully” .	“Information added successfully” .
23.	Member		When member clicks on search placed student menu.	Should display page with the placed student search option.	Display page with the placed student search option.
24.	Member		When member uses special symbol or number in company name field.	Should display message “Special symbol or number is not allowed in this filed”	Display message “Special symbol or number is not allowed in this filed”
25.	Member		When member enters company type wrong.	Should display message “Pleas enter correct company type”	Display message “Pleas enter correct company type”
26.	Member		When any field is kept blank.	Should display message “Please fill the blank fields”.	Display message “Please fill the blank fields”.
27.	Member		When	Should	Displays

			member clicks on Account setting tab.	display page containing account setting details form.	page containing account setting details form.
28.	Member		When member clicks on change password button.	Should display page containing password settings.	Displays page containing password.
29.	Member		When member clicks on change ok button.	Should display error message if previous password not entered correctly	Displays error message enter password correctly.
30.	Member		When member clicks on change ok button.	Should display error message if any of the field is kept blank	Displays error message please fill all the fields.
31.	Member		When member clicks on change ok button.	Should display message if password changed successfully.	Displays message password changed successfully.
32.	Member		When member clicks on add interview	Should display page with add interview question opt.	Display page with add interview question option

5.Test case of Admin module

Test ID	Module	Sub-Module	Test case	Expected Result	Actual Result
1.	Admin		When admin click on company menu.	Should display page containing company options.	Displays page containing company options.
2.	Admin		When admin keep any field blank in add/update company information form.	Should display a Error message if mandatory fields are kept blank.	Displays Error message fields should not be kept blank.
3.	Admin		When admin input nos in company name and company type field.	Should display a message "Numbers are not allowed in this field."	Displays message "Numbers are not allowed in this field."
4.	Admin		When admin uses character in contact no field.	Should display message "Character are not allowed in this field"	Displays message "Character are not allowed in this field"

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5.	Admin		When admin clicks on add button.	Should display message "Information added successfully"	Displays message "Information added successfully"
6.	Admin		When admin clicks on update button.	Should display message "Information updated successfully"	Displays message "Information updated successfully"
7.	Admin		When admin clicks on delete record button.	Should display message "Are you sure you want to delete "	Displays message "Are you sure you want to delete."
8.	Admin		When admin clicks on delete record button.	Should display message "Record deleted successfully "	Displays message "Record deleted successfully. "
9.	Admin		When admin clicks on member menu.	Should display page with the member information.	Displays page with the member information.
10.	Admin		When admin	Should display	Displays message

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			keeps important member details field blank.	message "Please fill blank fields".	"Please fill blank fields".
11.	Admin		When admin clicks on add member button.	Should display message "Record added successfully".	Displays page message "Record added successfully".
12.	Admin		When admin clicks on update member button.	Should display message "Record updated successfully".	Displays page message "Record updated successfully".
13.	Admin		When admin clicks on search menu.	Should display page with the search options.	Should display page with the search options
14.	Admin		When admin keeps fields in search form blank.	Should display message "Please fill blank fields".	Displays message "Please fill blank fields".
15.	Admin		When admin	Should display	Display message

			inputs member name in search option which is not in database.	message "Name not in record".	"Name not in record".
16.	Admin		When admin clicks on search button.	Should display list according to search criteria.	Display list according to search criteria.
17.	Admin		When admin clicks on browse button.	Should display dialogue box with the file option.	Display dialogue box with the file option.
18.	Admin		When admin select file in dialogue box and click on ok button.	Should include the file path in the text box.	Include the file path in the text box.
19.	Admin		When admin clicks on upload paper button.	Should upload the selected file on website.	Upload the selected file on website.
20.	Admin		When text box for select file is kept	Should display message "Please select	Displays message "Please select file"

			blank.	file”	
21.	Admin		When admin clicks on Account setting tab.	Should display page containing account setting details form.	Displays page containing account setting details form.
22.	Admin		When admin clicks on change password button.	Should display page containing password settings.	Displays page containing password.
23.	Admin		When admin clicks on change ok button.	Should display error message if previous password not entered correctly	Displays error message enter password correctly.
24.	Admin		When admin clicks on change ok button.	Should display error message if any of the field is kept blank	Displays error message please fill all the fields.
25.	Admin		When admin clicks on change ok button.	Should display message if password changed successfully.	Displays message password changed successfully.
26.	Admin		When admin keep news	Should display message	Display message “Please fill

			field blank and clicks on upload news button.	“Please fill the news field”.	the news field”.
27.	Admin		When admin keep news field blank and clicks on upload news button.	Should be uploaded on the website.	Uploaded on the website.
28.	Admin		When admin keeps important field blank in post job form.	Should display error message if any of the field is kept blank	Displays error message please fill all the fields.
29.	Admin		When admin clicks on upload job button.	Should be uploaded to the website.	Uploaded to the website.

4.1 USER MANUAL:-

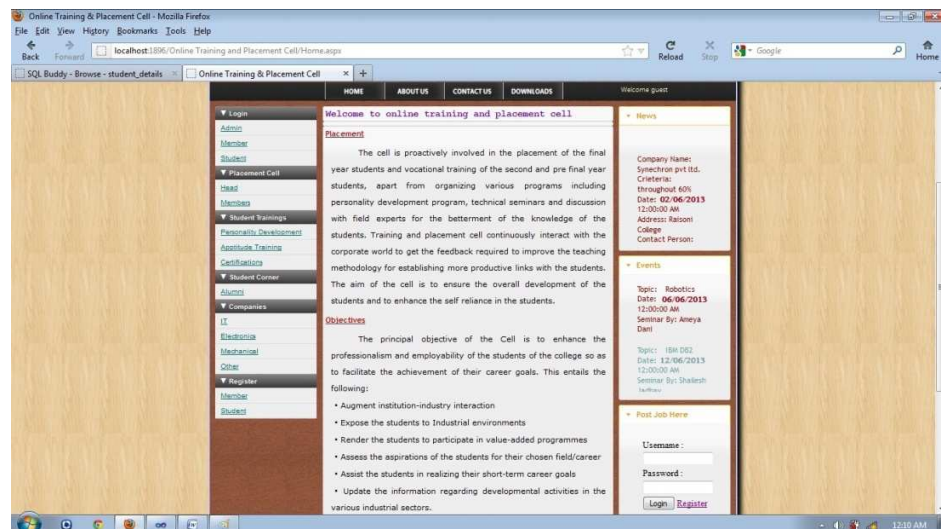
In today's world, applications are designed in such a way that anyone can use the system if he/she has basic knowledge of operating keyboard and mouse operations of a computer. All the pages of the application usually contain descriptive links and buttons that will help user to perform the required operation.

The same applies to the application described above too. The application contains useful buttons in order to navigate user to the appropriate page .The application also contains useful buttons in the admin module so that admin can easily enter data in the respective tables.

The following section provides the details, which can be very useful in using the system. The description is given in detail so that any lay man user can also use it very easily.

Program specification

The program specification defines the inputs outputs, error messages, validations and process of the pages of the system.



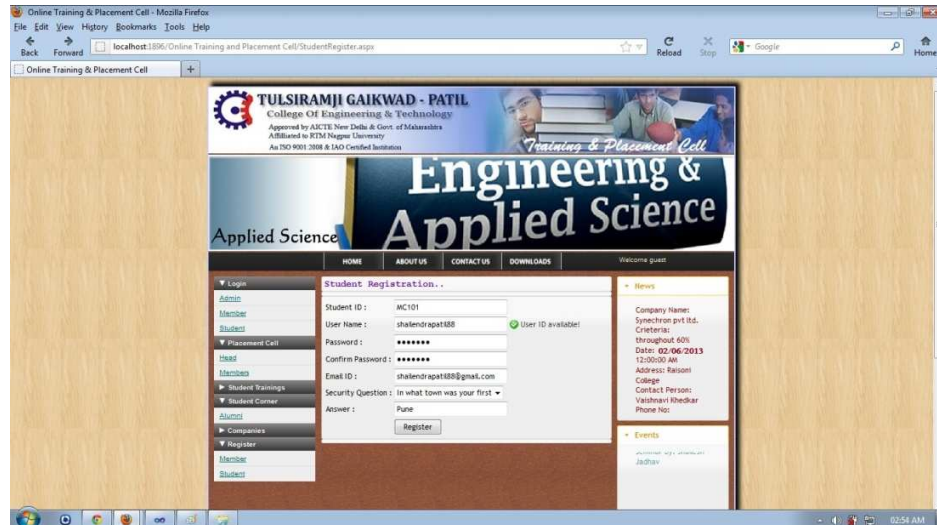
Main Page

Input: Click on the login tab (Admin, student, employer) order to login.

Process: Open login page.

Output: Login page will open when user clicks on 'login tab'.

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Registration Page (Student)

Input: Click on the Registration link.

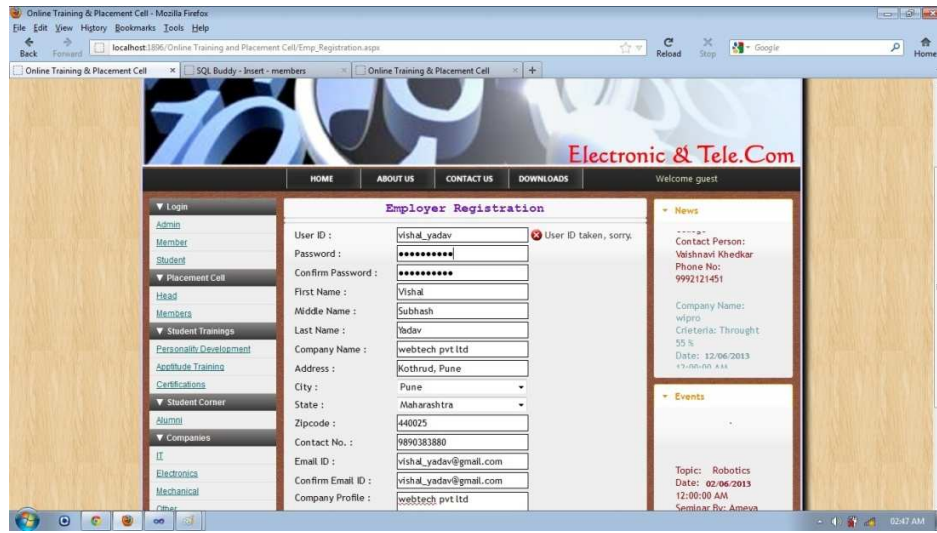
Process: Open registration page.

Output: Displays registration form and if all the information is entered correctly the user will be directed to appropriate home page otherwise error message will be displayed.

Error: Registration not successful.

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Registration Page (Employer)

Input: Click on the Registration link.

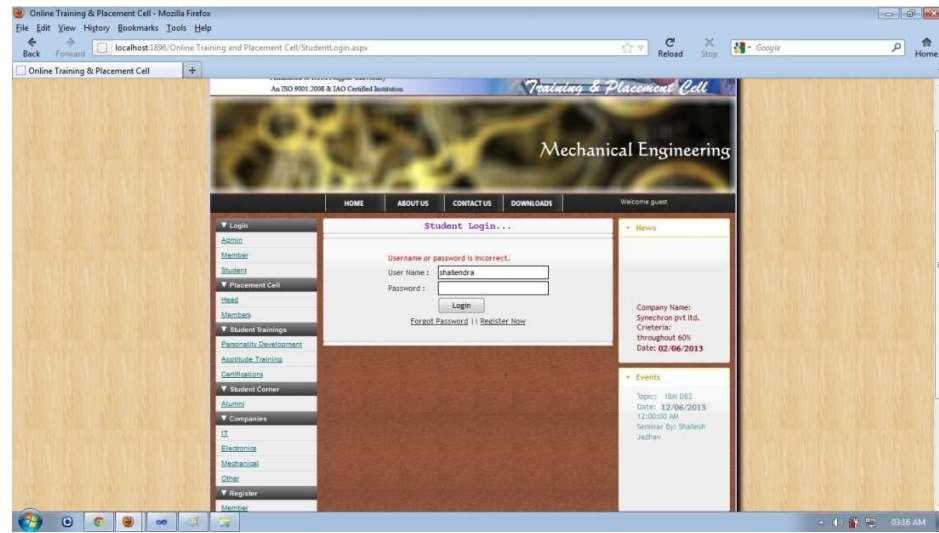
Process: Open registration page.

Output: Displays registration form and if all the information is entered correctly the user will be directed to appropriate home page otherwise error message will be displayed.

Error: Registration not successful.

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Login Page (Normal User/Admin, Member)

Input: Select the Admin /Normal user/Member module in which the user wants to enter valid user name and password.

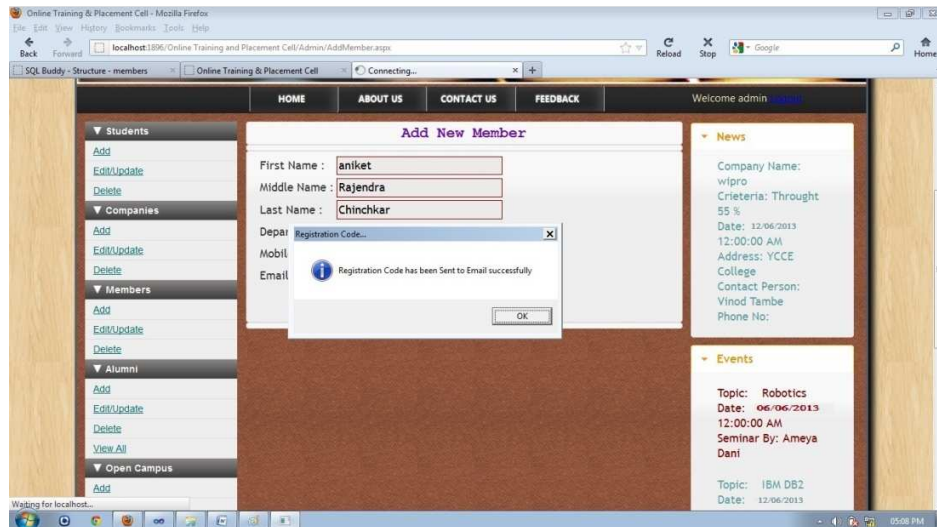
Process: It checks the username and password with the database and user/admin/member option.

Output: If all the entered data is valid user will be directed to the appropriate home page otherwise an error message will displayed.

Error: Invalid username or password

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Add Member-Admin

Input: Click on Add menu under member menu.

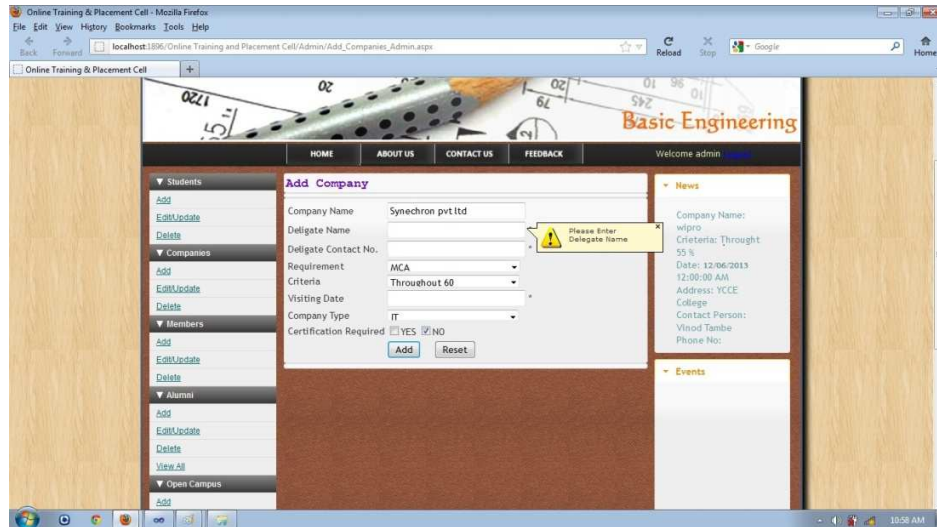
Process: Open Add Member Form.

Output: If all the entered data is valid admin then message box will be displayed registration cod sent to mail successfully otherwise an error message will displayed.

Error: Entered email-id is not valid or fill the blank field etc.

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4.2 OPERATIONAL MANUAL:-



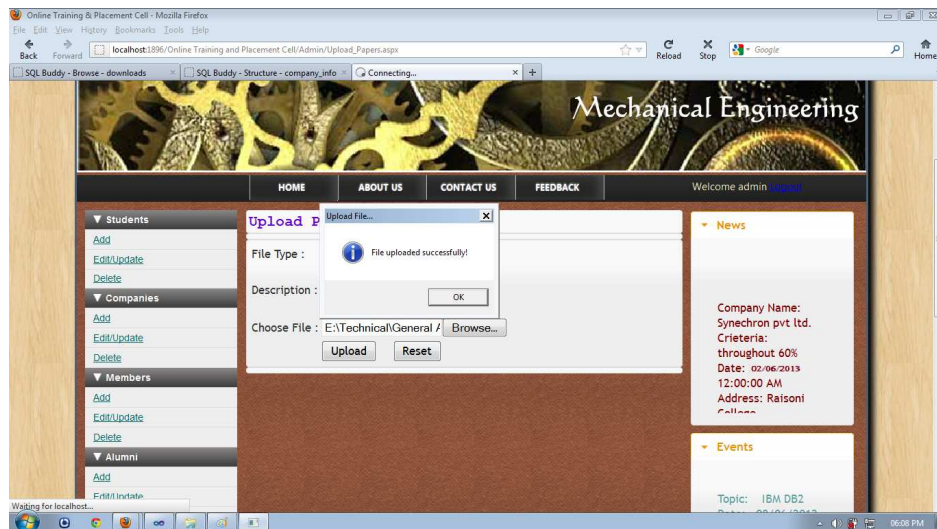
Add Companies-Admin

Input: Click on Add menu under Companies menu.

Process: Open Add Company Form.

Output: If all the entered data is valid admin then message box will be displayed company added successfully otherwise an error message will displayed

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Upload papers-Admin

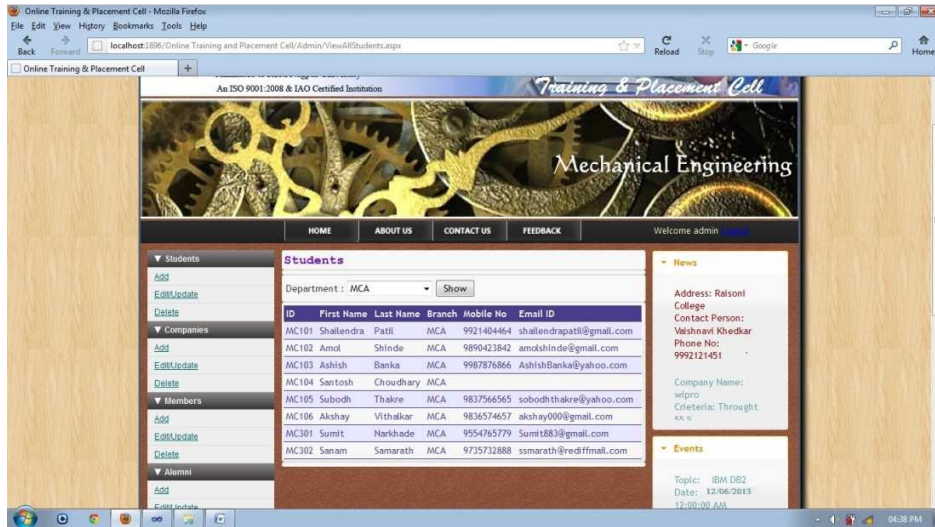
Input: Click on Upload menu under Extras menu.

Process: Open Upload paper Form.

Output: If all the entered data is valid and file selected properly then message box will be displayed paper uploa

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View Students details-Admin

Input: Click on view student menu.

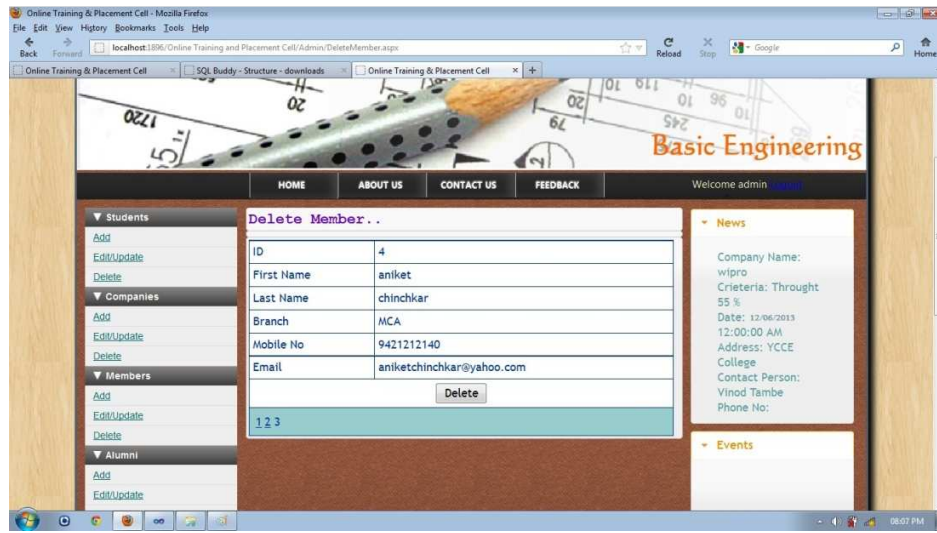
Process: Open student list with details.

Output: Displays the list of students of respective department with details.

Error: No results found.

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Delete Member-Admin

Input: Click on Delete button.

Process: Open member list with delete member option.

Output: When admin clicks on delete button the record is deleted and message is displayed deleted successfully otherwise error message is displayed.

Error: Select record to be deleted.

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Profile Info-Student

Input: Click on profile menu on student home page.

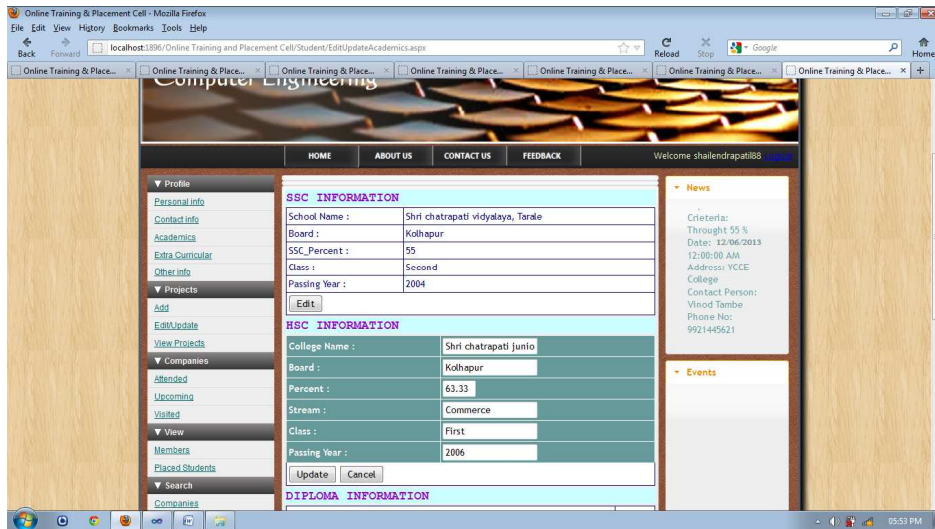
Process: Open Profile form (academics, personal info, upload cv etc).

Output: When student clicks on profile menu forms are displayed and if information is entered correctly then message is displayed successfully added or error message is displayed.

Error: Information not inserted successfully.

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Edit Profile Info-Student

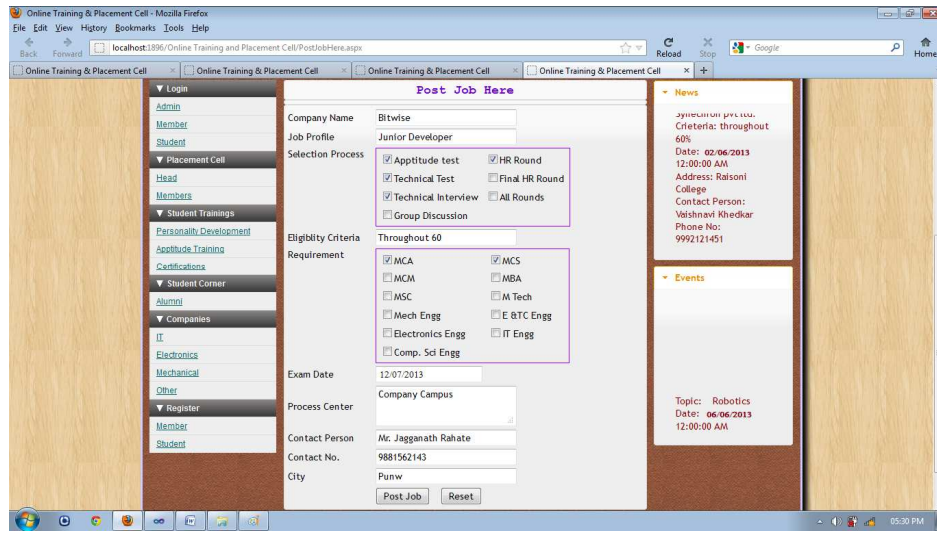
Input: Click on edit button in profile menu on student home page.

Process: Open Profile form (academics, personal info, upload cv etc).

Output: When student clicks on profile menu forms are displayed and if information is entered correctly then message is displayed successfully updated or error message is displayed.

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Post job-Employer

Input: Click on post job menu.

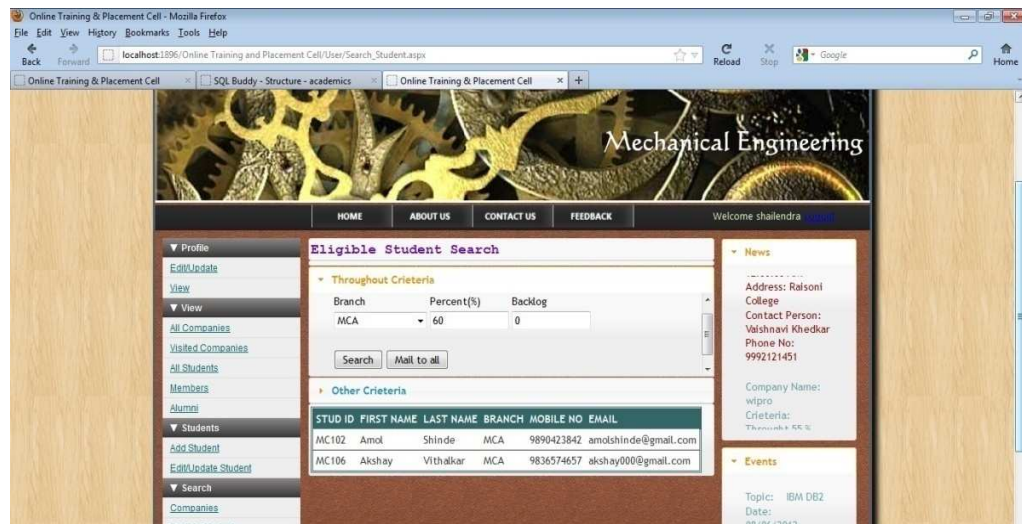
Process: Open From with the details.

Output: When employer clicks on post job menu forms are displayed and if information is entered correctly then message is displayed successfully posted job or error message is displayed.

Error: job not posted.

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Search student-Member

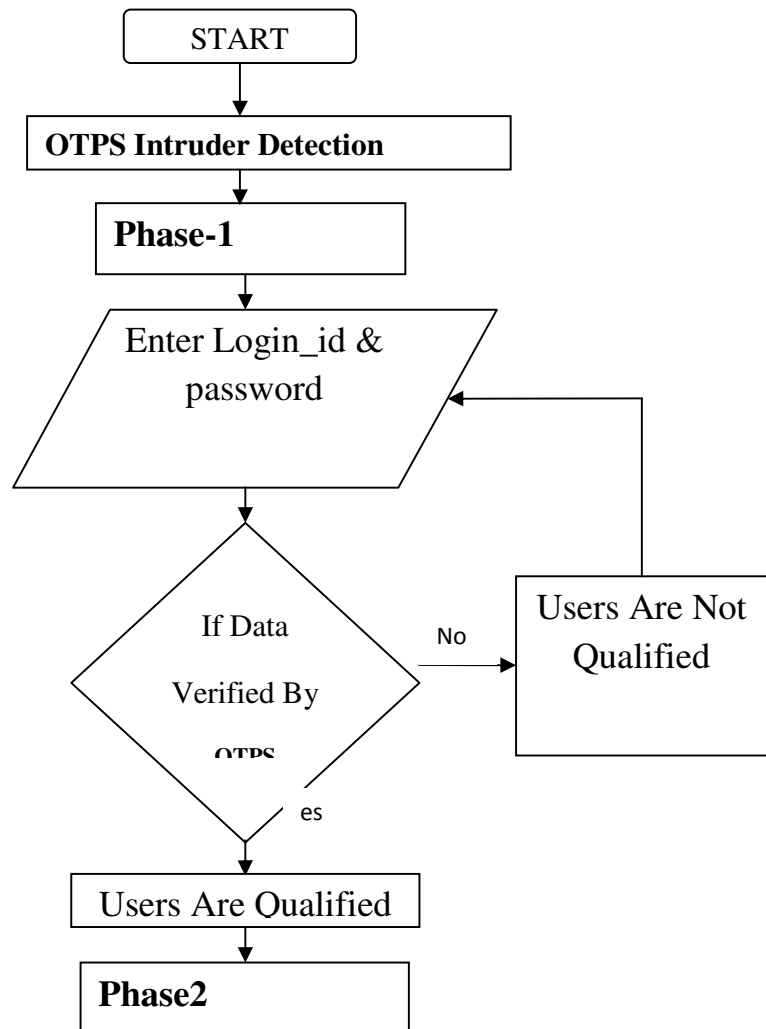
Input: Click on Search student menu on Member home page.

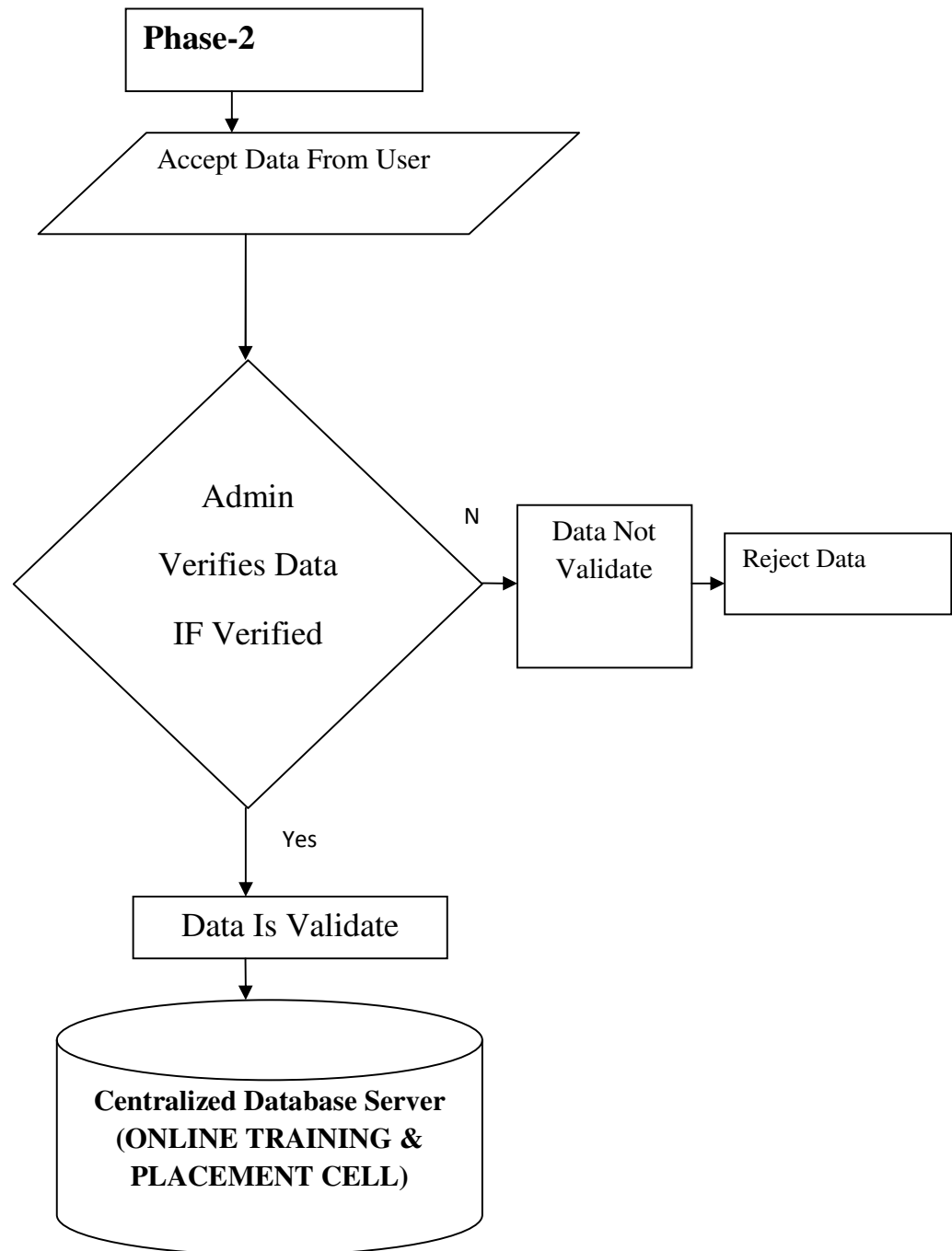
Process: Open Search form With two tabs(throughout and other criteria).

Output: When admin clicks on Search student menu forms are displayed and if information is entered correctly then search results are shown otherwise error message is displayed.

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4.3 FLOW CHARTS:-





Drawbacks and Limitations:-

The information about record has to be much privacy as any other person can't access the data, if that particular person is absent.

Student can add information on the name of other student if student id is known to that student.

Here each end user of this website has compulsion to create account or fill registration form before interacting with website. It means without registration end user can visit the website but does not interact with it such adding information, viewing interview question etc.

IE browser version 5.5 and above supports these application.

Proposed Enhancement:-

Any system, which is developed, can never thought to be complete, as a system is developed keeping an objective and requirement at that time in mind which is to be fulfilled. But as the project proceeds, the requirement may also change. Thus to fulfill these requirements the same system can be developed and integrated with some modules so as to provide more benefits.

- Currently the Web Site is designed and developed only to reduce the manual work for TPO. In future the website is being developed for multiple colleges.
- In future the student will be able to apply to the company online. Due to this the work of Top will be reduced of giving details of students to company.
- Forum module is also being added in future to improve the interaction between student and member and placed student.

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- In student module student will be able to add himself to the employer job due to which job post will be directly send to student.
- Students will be provided with online tests to improve there skills.

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Conclusion:-

From a proper analysis of positive points and constraints on the component, it can be safely concluded that the product is highly efficient GUI based component. This component can be easily plugged in many other systems.

Also the component is user friendly. Generally the TPO's of the Colleges has to face a lot of problems in management of the student information. This information has to be managed manually. TPO's has to inform student regarding the companies, criteria and requirement manually which is various tedious job. All the students need to be informed about the companies frequently. So, there is a need to develop a system that can solve the mentioned problems. This application comes with solution for all the above problems.