

PROJECT REPORT
ON
Placement Consultancy Management System
FOR
TECHNOTRONIX Pvt. Ltd.

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(Sahil Jain)

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CHAPTER 1

INTRODUCTION

1.1 Company Profile

Technotronix is an emerging IT consulting company providing end to end corporate services and solutions. Our primary focus is to provide affordable software solutions for our clientele with an edge of technological advancement and change driven ideology. It has consulting practice and service oriented delivery with experienced IT professionals in Software Engineering, Off-the-shelf technology solutions on a case by case basis to satisfy specific requirements of our clients. We leverage our proven expertise in developing technology to drive business efficiency and productivity to satisfy customers increasingly demanding requirement to improve operational efficiency, higher employee productivity, faster go-to-market, and maximized customer satisfaction.

Technotronix deploys a global delivery model for Enterprise Solutions, Client Relationship Management, Business Intelligence, Business Process Operations & Quality Management, Product Lifecycle Management, and Infrastructure Management Services by Facilitating skilled technical resources, technical consulting and project management for our clients.

1.2 Existing System and Need for System

Existing system is partially manual and partially computerized in which following processes are carried out:

- Formation of the complete student's personal and academic details.
- Evaluation of student's list as per company's criteria.
- Updating of student's marks manually done in excel sheets.
- Physical storage of company's profile and college data.
- Consultancy company manages and organizes the student and company data manually.
- Consultancy Company conducts exam offline.
- Payment is done offline.

Need for system

- Due to manual existing system, redundant data occurs.
- Student's data evaluation is slow and tedious.
- No proper handling of data is there.
- No security of information.
- Different colleges and the recruiters data is not managed properly.
- Checking exam papers and updating marks is long process.

1.3 Scope of Work

- Software is be used by 4 types of users: Admin, TPOs (training and placement officer), Recruiters and Student.
- Admin registers TPO and Companies.
- Students can register only with the consent of authorized TPO.
- TPO enrolls students email and name for registration process.
- Students register themselves by providing personal and academic details.
- Students appear for online exam conducted by consultancy company
- Companies add upcoming company details, criteria details and update the events.
- TPO applies for event and generates eligible students list.
- Companies conduct event and placed students information is updated.

1.4 Operating Environment – Hardware and Software

Hardware requirement:

- Processor: Intel Pentium Processor
- Processor speed: 1.1 GHz
- RAM size: 512MB and above
- Hard disk capacity: 40GB

Software requirement:

- Operating System: Windows XP, Windows 7
- Front end: MS Visual Studio 2008
- Back end: SQL server 2008
- Web browser: Firefox 3.6 & above, Internet explorer 7 & above.

1.5 Detail Description of Technology Used

A) ASP.NET -

➤ About ASP.NET

ASP.NET is a server side scripting technology that enables scripts (embedded in web pages) to be executed by an Internet server.

- ASP.NET is a Microsoft Technology
- ASP stands for Active Server Pages
- ASP.NET is a program that runs inside IIS
- IIS (Internet Information Services) is Microsoft's Internet server
- IIS comes as a free component with Windows servers

➤ .NET Framework (3.5)

ASP.NET 3.5 is not a new version of ASP.NET. It's just the name for a new ASP.NET 2 framework library.

ASP.NET having framework that can be divided into 5 steps:

1) PROGRAMMING LANGUAGES:

It contains all programming languages such as

C#, J#, VB Script, JAVA Script etc.

2) CLS:

Type of the CTS i.e. common type specification 'which indicate to support all programming and also have integrate all languages into one umbrella so CLS is one method towards that.

3) ASP.NET:

It is used to dynamically write the pages on web and also interactive with web pages.

4) CLASS LIABRARIES:

Class libraries contains all programming languages like C#,J#,VB Script etc.

5) CLR: Contains all programming languages, class libraries, and asp.net part into this CLR, CLR is main concept also important part in ASP.NET framework.

B) MS SQL SERVER-

It is a stand for “structure query language”. it is the language that provides an interface to relational database system. It was developed by IBM in 1970.

Microsoft SQL Server is a relational database server, developed by Microsoft It is a software product whose primary function is to store and retrieve data as requested by other software applications, be it those on the same computer or those running on another computer across a network (including the Internet). There are at least a dozen different editions of Microsoft SQL Server aimed at different audiences and for different workloads (ranging from small applications that store and retrieve data on the same computer, to millions of users and computers that access huge amounts of data from the Internet at the same time). Microsoft SQL Server's primary query languages are T-SQL and ANSI SQL.

➤ MS SQL SERVER FEATURES

- SQL can be used by a range of users, including those with little or no programming experience.
- It is a non-procedural language.
- It reduces the amount of time required for creating and maintaining systems
- It is English like language.

➤ MS SQL SERVER 2008

MS SQL Server 2008 is highly scalable, fully relational, high performance, multi-user Database Server that can be used by enterprise of any size to manage large amounts of data for Client/Server application. Following are some features of SQL Server:

- Multi-user Support
- Parallel Database Backup and Restore
- Data Replication

- Data Warehousing
- Distributed Queries
- Distributed Transactions
- Distributed Locking
- Provide a secure environment to address privacy and compliance requirements with built-in features that protect our data against unauthorized access.

C) IIS -

➤ ABOUT IIS

IIS (Internet Information Server) is one of the most powerful web servers from Microsoft that is used to host your ASP.NET Web application. IIS has its own ASP.NET Process Engine to handle the ASP.NET request. So, when a request comes from client to server, IIS takes that request and process it and send response back to client.

➤ IIS WEBSERVER

The system will let you know when you are installing a new role whether that roll will require new feature modules for example IIS- Web server requires these modules:

- IIS-Common HTTP Features
- IIS-Application Development
- IIS-security
- IIS- performance

➤ ABOUT IIS 6.0

Normally IIS 6.0 is used, but now a day's moving an application from IIS 6.0 to IIS 7.0 by adding standard ASP.NET application.

The IIS 6 process model is the default model on machines running Windows 2003 Server operating system. It introduces several changes and improvements over the IIS 5 process model.

One of the biggest changes is the concept of application pools.

All App Domains were hosted by the ASP.NET worker process.

To achieve a finer granularity over security boundaries and personalization, the IIS 6 process model allows applications to run inside different copies of a new worker process. Each application pool can contain multiple AppDomain.

Another big change from the previous model is the way IIS listens for incoming requests. With the IIS 5 model, it was the IIS process, who was listening on a specific TCP port for HTTP requests. In the IIS 6 architecture, incoming requests are handled.

CHAPTER 2

PROPOSED SYSTEM

2.1 Proposed System

- Proposed system is an automation of manual process.
- Admin registers TPO and Companies.
- Companies can add placement events.
- TPO sends invitation to the students for registration process.
- It reduces time and efforts in formulation and evaluation of student's information which ultimately leads to reduce the errors in initial placement process.
- Students have to go through online exam in order to have further filtering of students.
- Only TPO has access to the placement events and student database which ensures security and confidentiality of placement activity.
- Students can add and update their resume which reduces paper work and provides updated database.
- Updating resume is only possible with the consent of TPO.

- System provides up to date placement event information.
- TPOs can apply for placement events by providing the eligible student list to the Companies.
- Companies can update the selected Student Details which is available to the TPOs

2.2 Objectives of System

- To make the software easily accessible.
- No third party can access the data.
- Student can enter their own data and are solely responsible for any wrong input of data.
- To maintain the integrity and prevent loss of data.
- To maintain records for years.
- Reduce time and efforts and complexity of whole placement activity.
- It prevents from data redundancy.
- Improve accuracy in result.

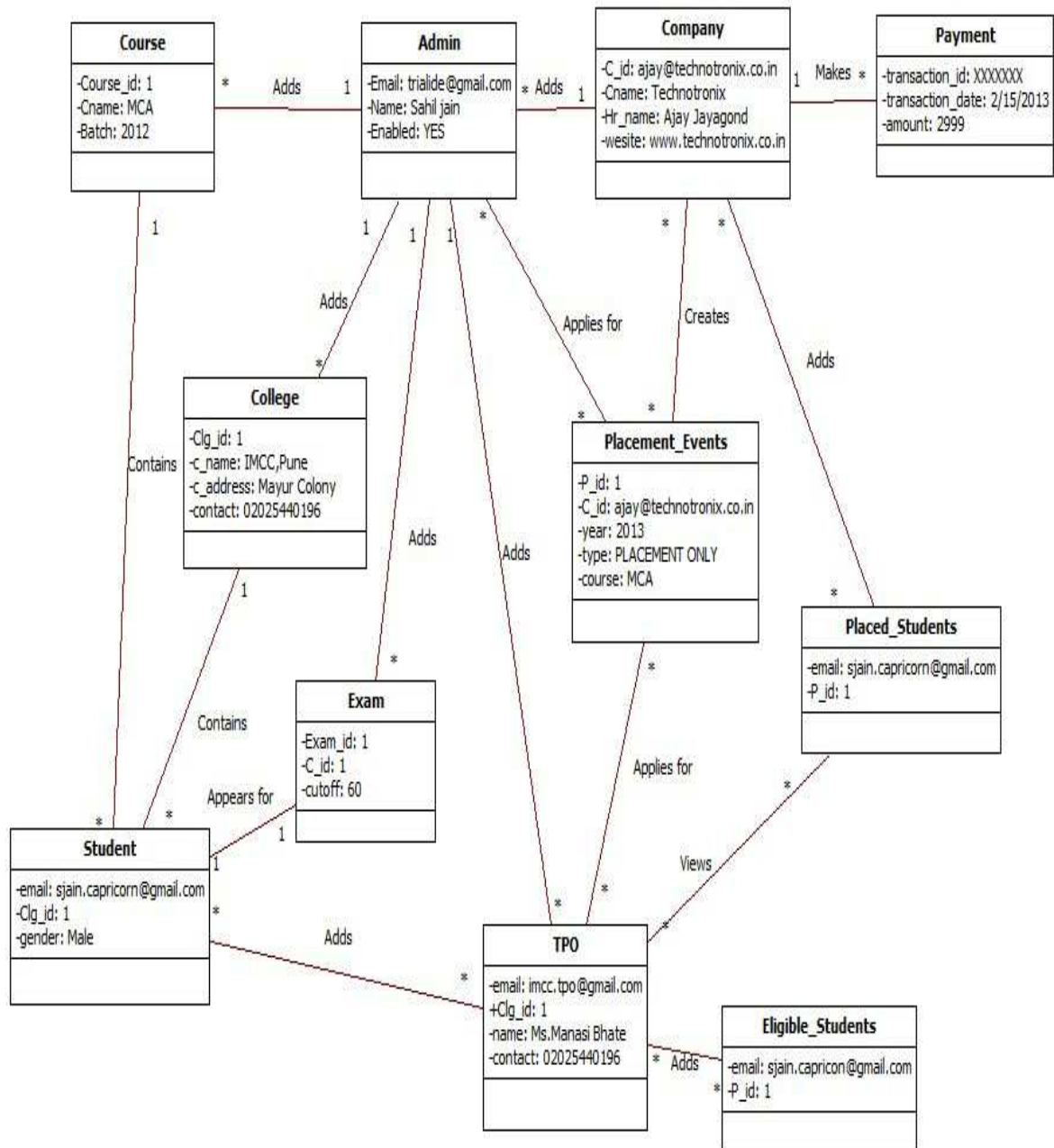
2.3 User Requirements

Sr No.	Requirement	Description
1	Automatic	System should contain more Of automatic work rather than manual work.
2	Record Searching	Searching of records should Be done easily.
3	Reflection of changes	If changes are to be made in one record then they have to be reflected in other required fields.
4	Report Generation	Report should be generated As per their requirement and in short duration of time.
5	Storing of transactions	All the transactions should be stored in the database in the proper sequence.
6	Interactivity	The system should be interactive.
7	Security of information	There should be security of data in the system.

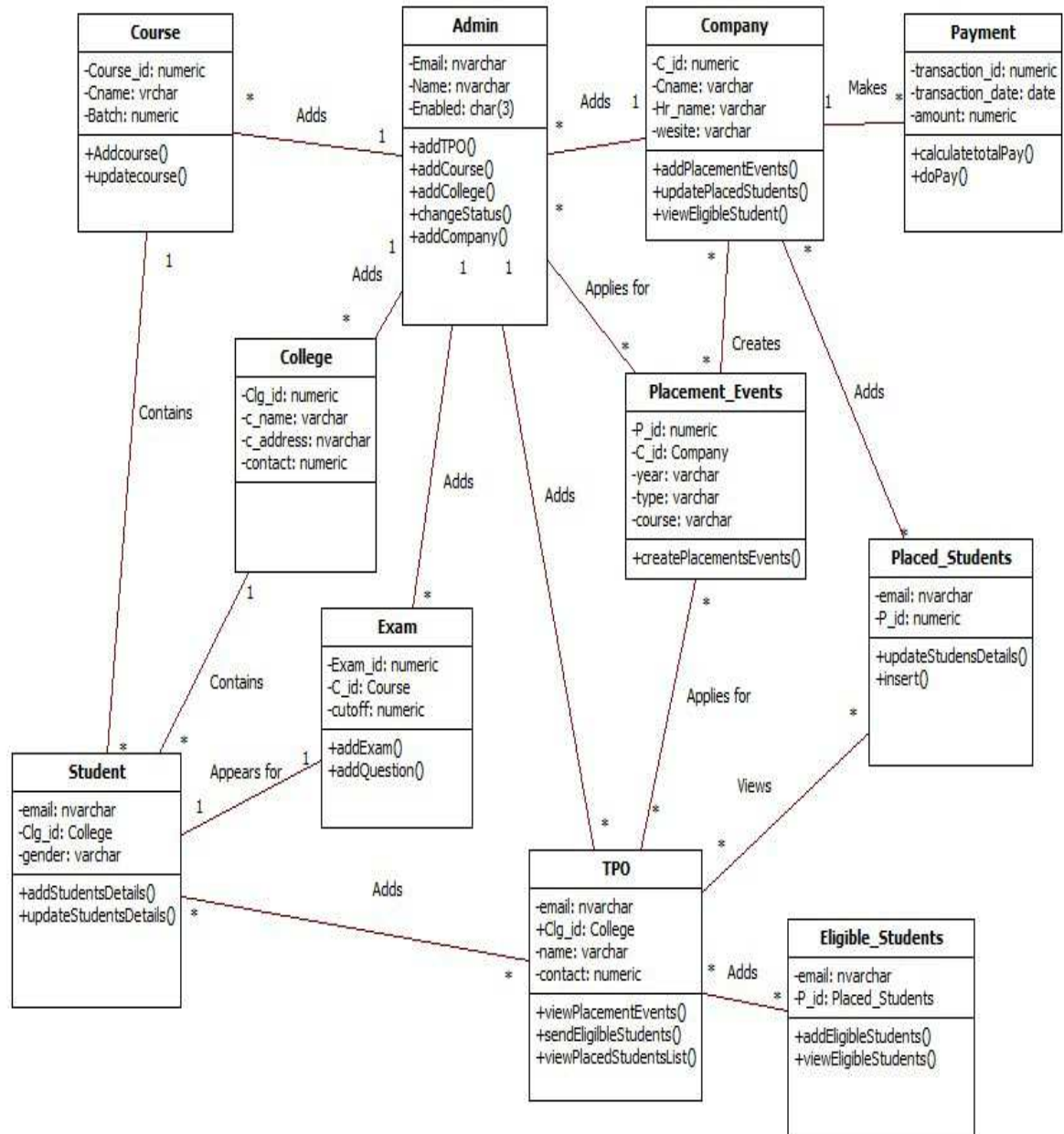
CHAPTER 3

ANALYSIS & DESIGN

3.1 Object Diagram

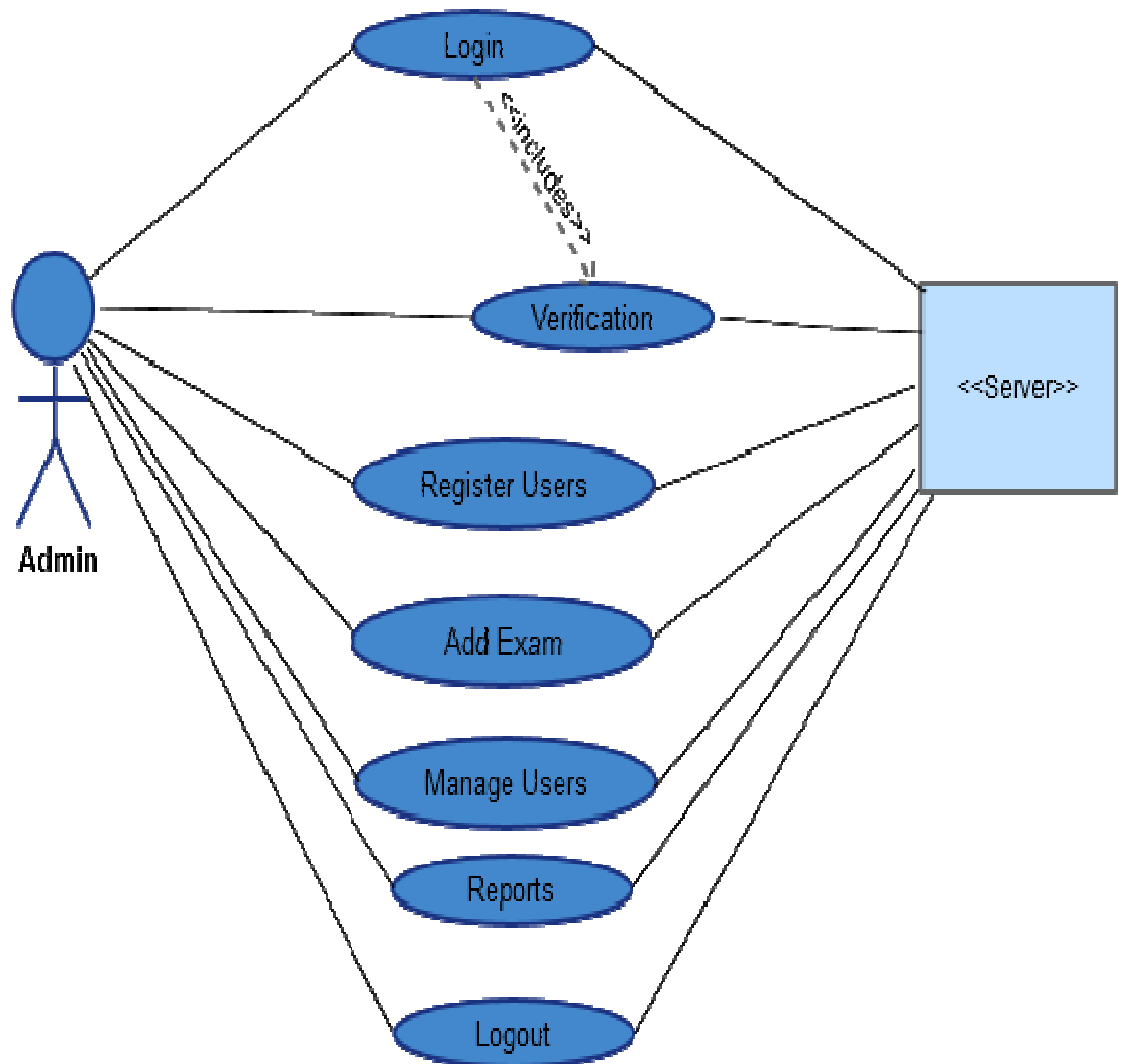


3.2 Class Diagram

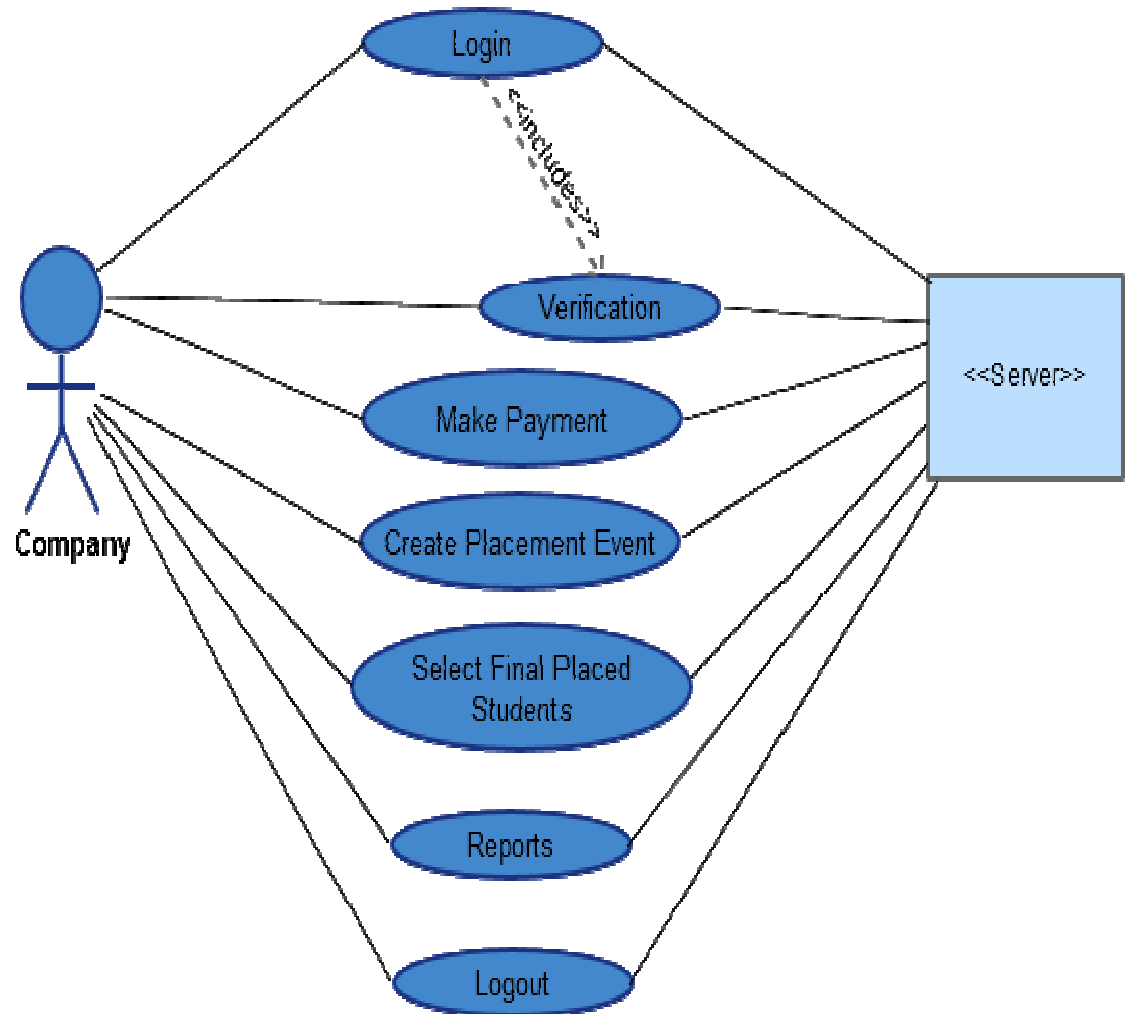


3.3 Use Case Diagrams

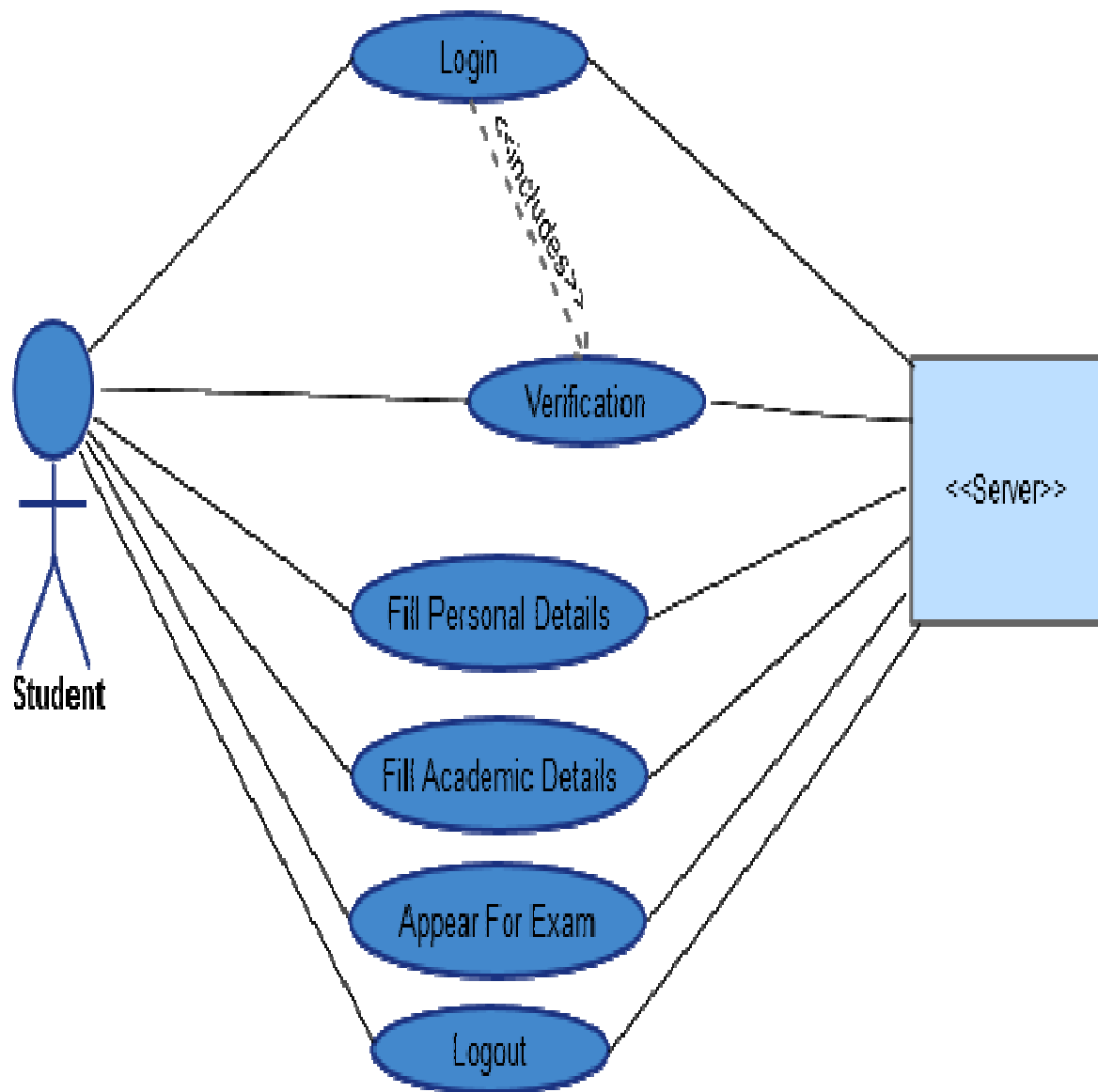
For Admin



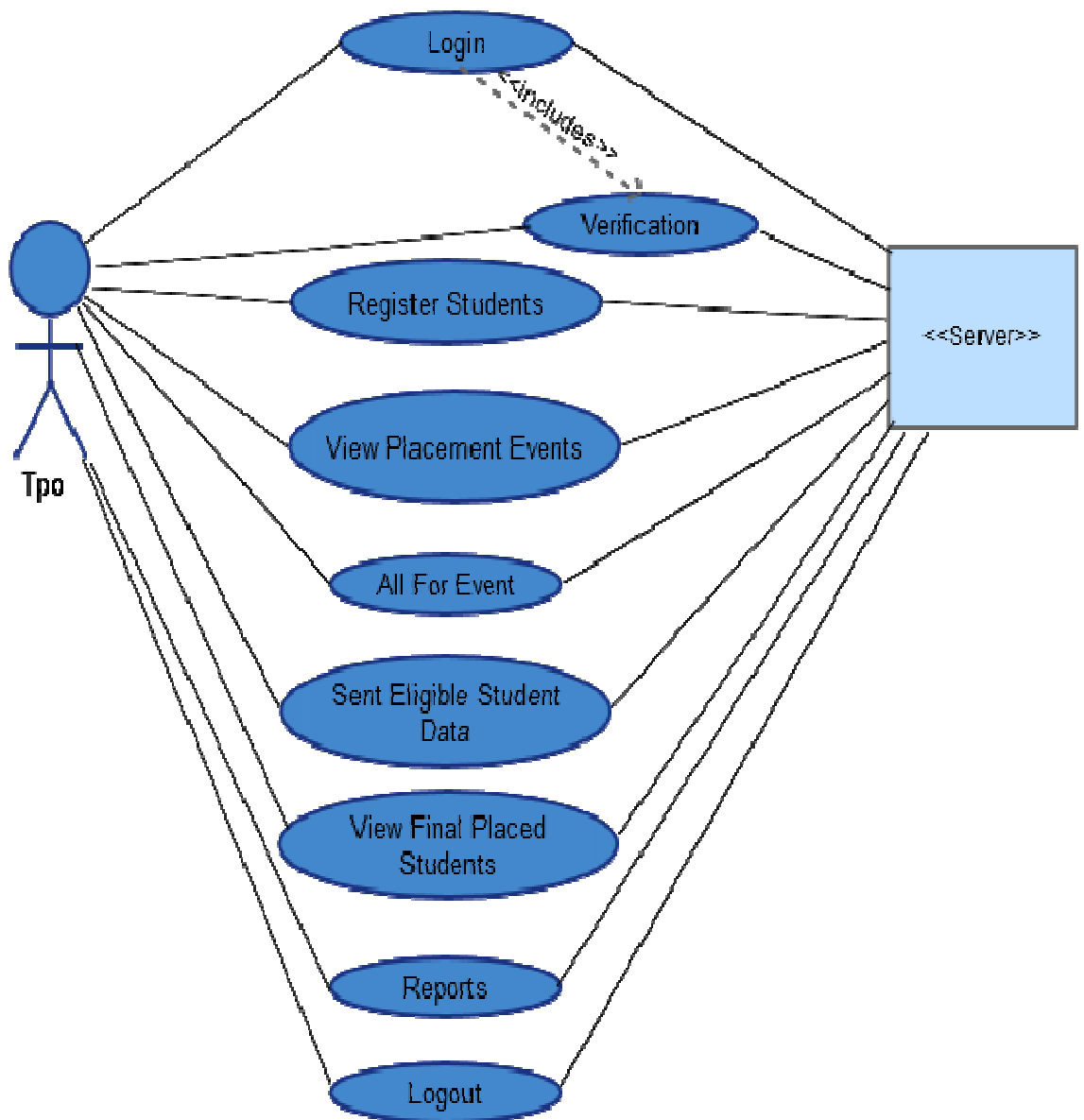
For Company



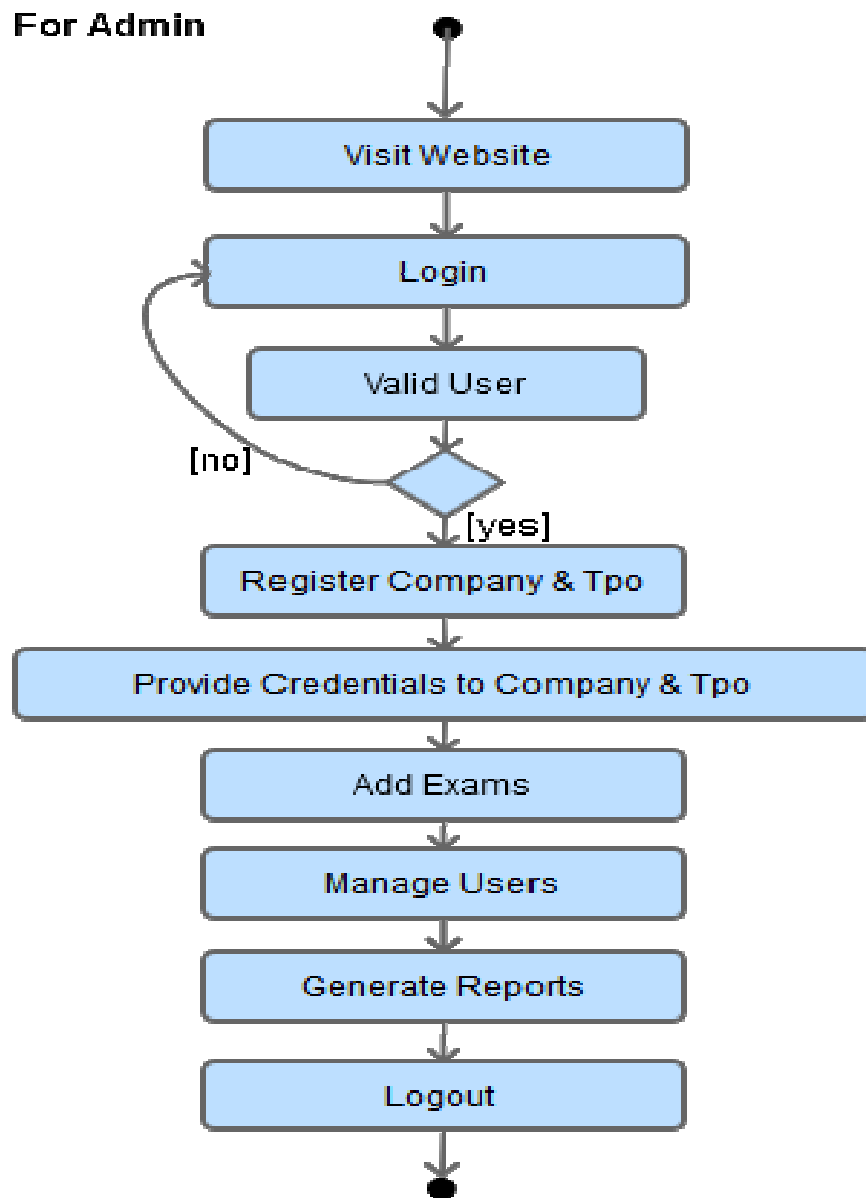
For Student



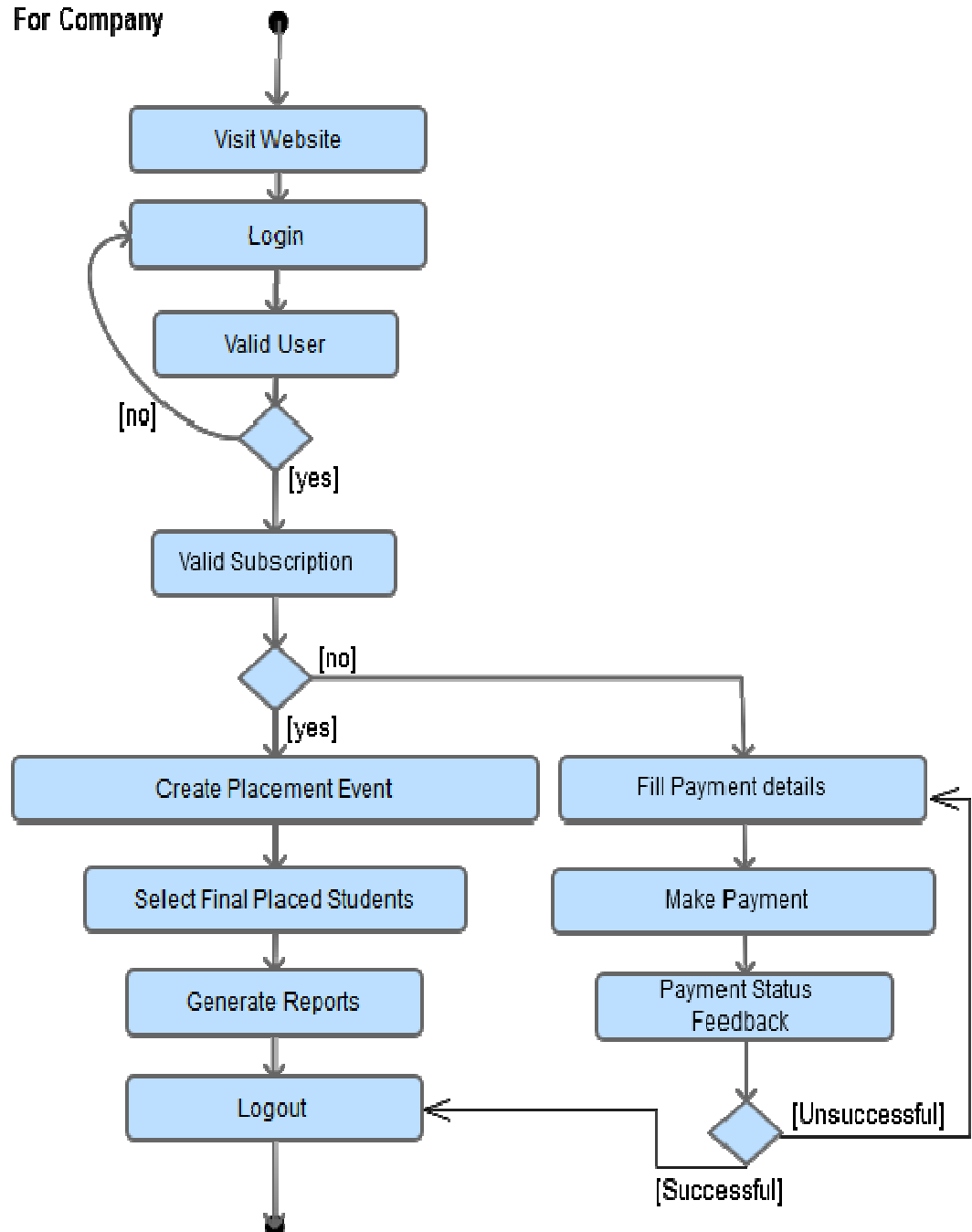
For Tpo



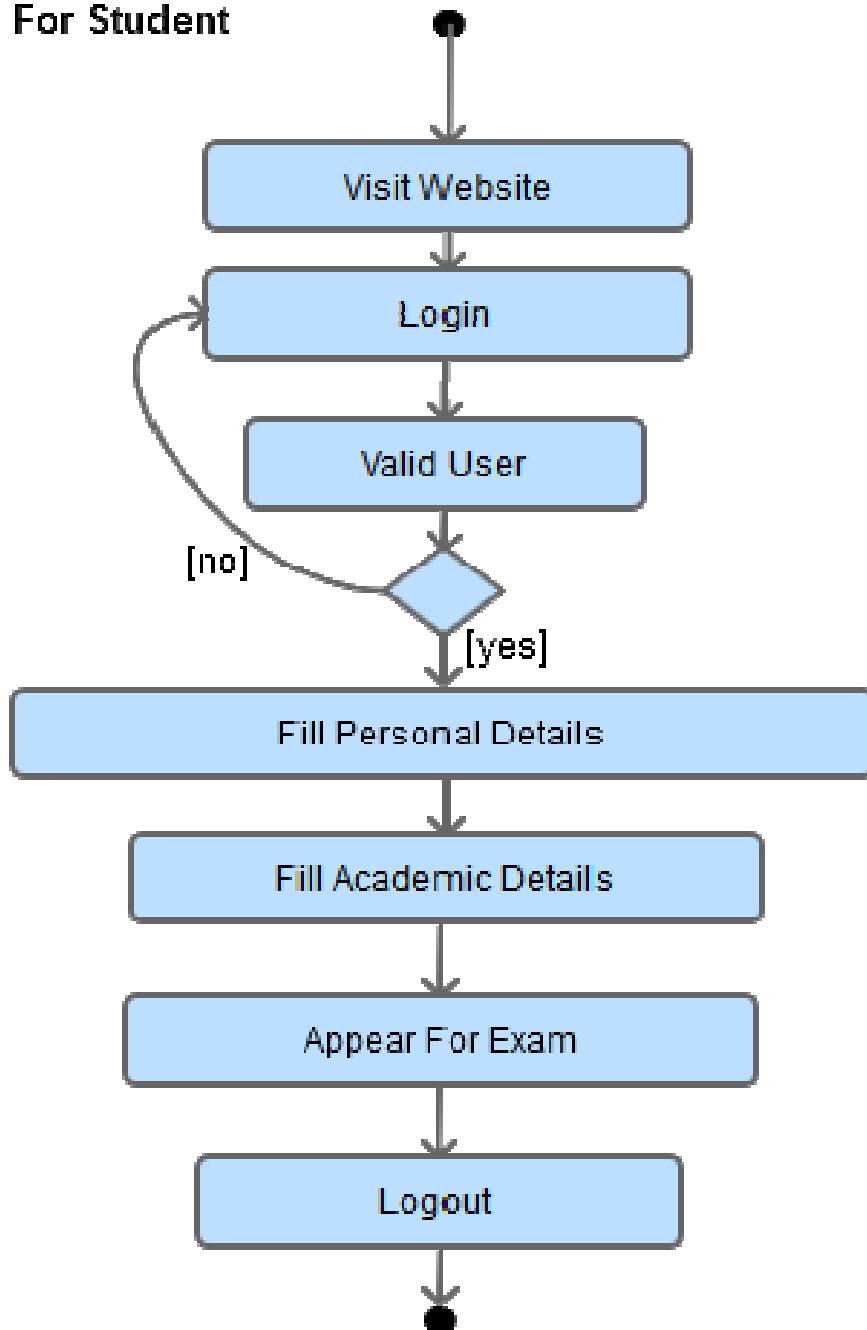
3.4 Activity Diagram



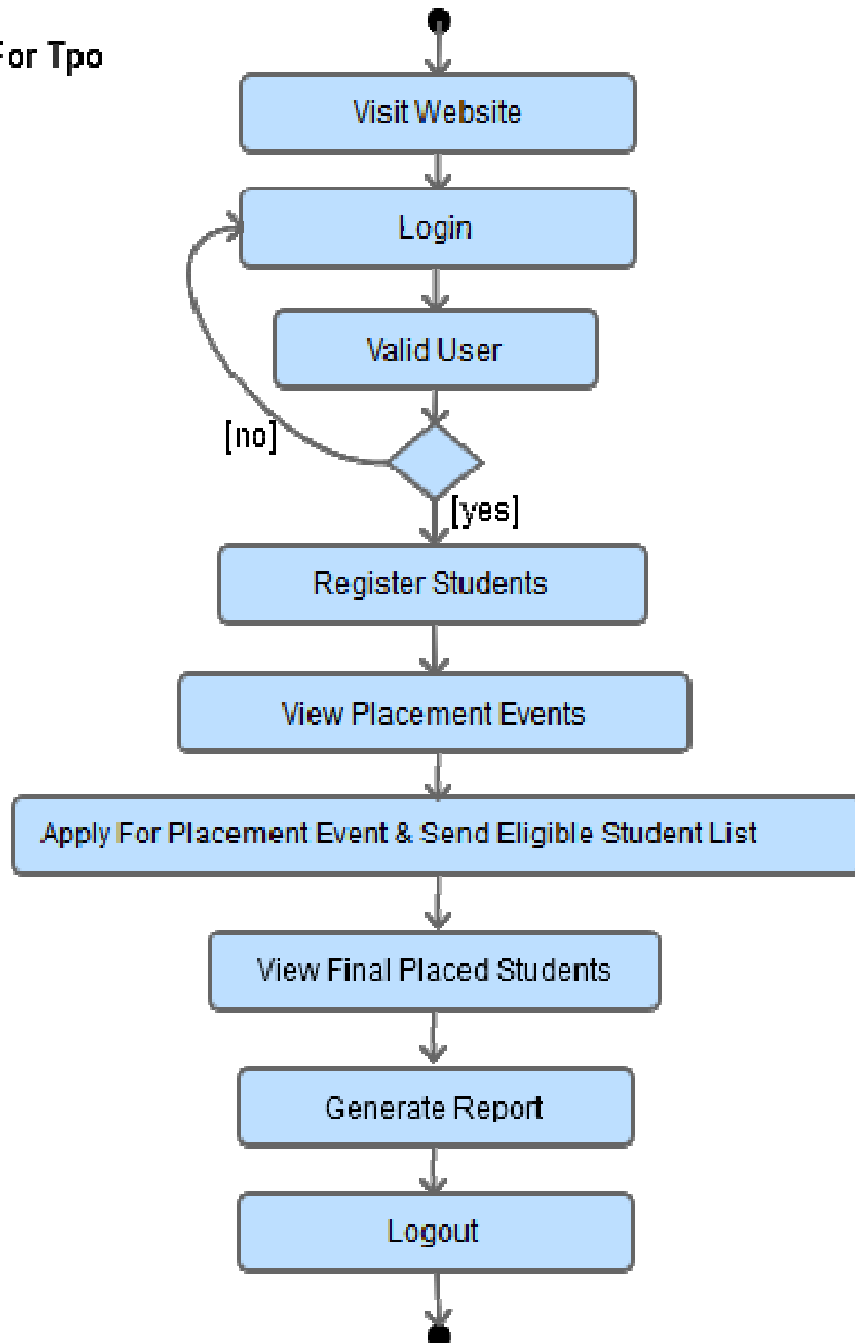
For Company



For Student

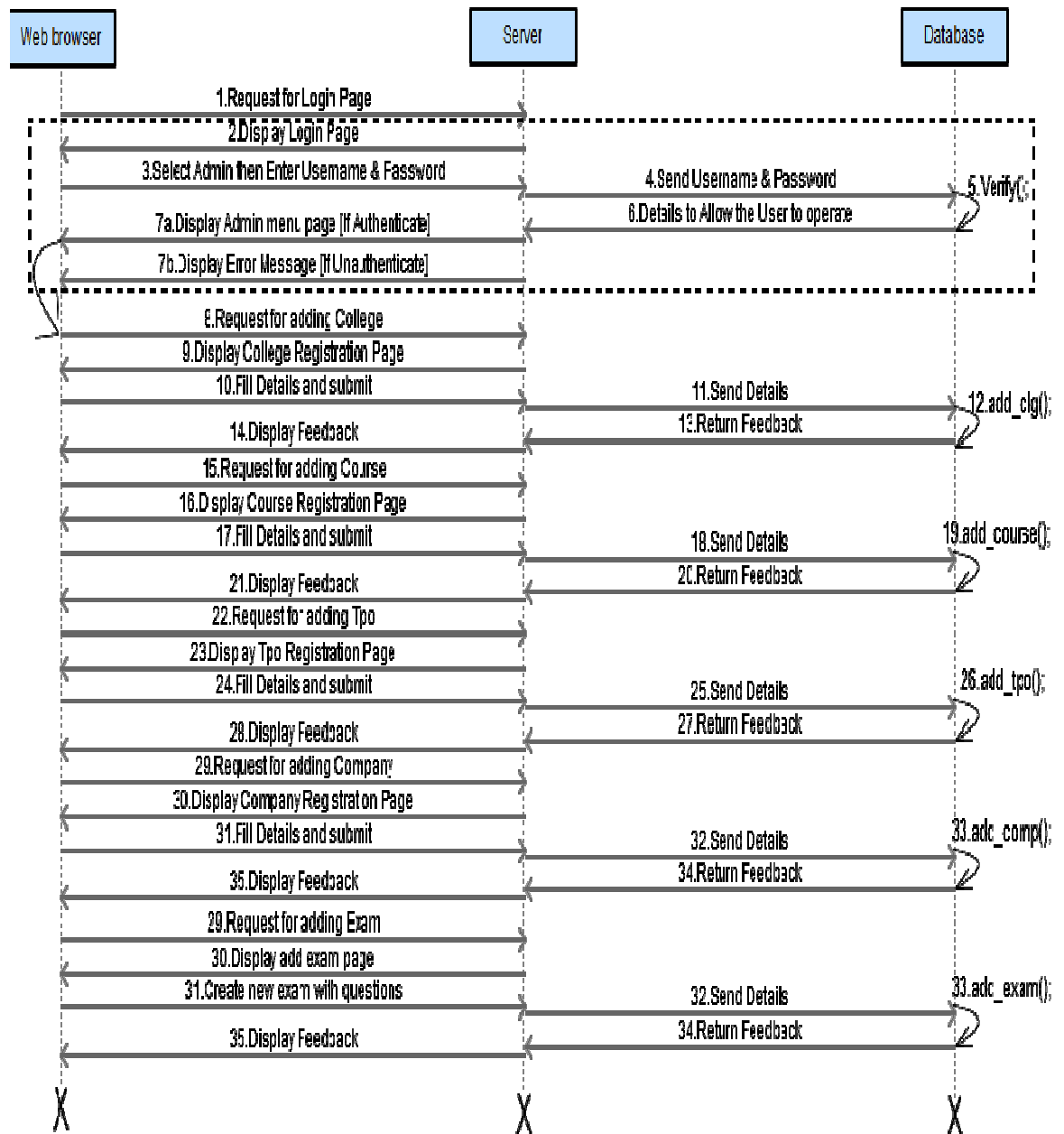


For Tpo

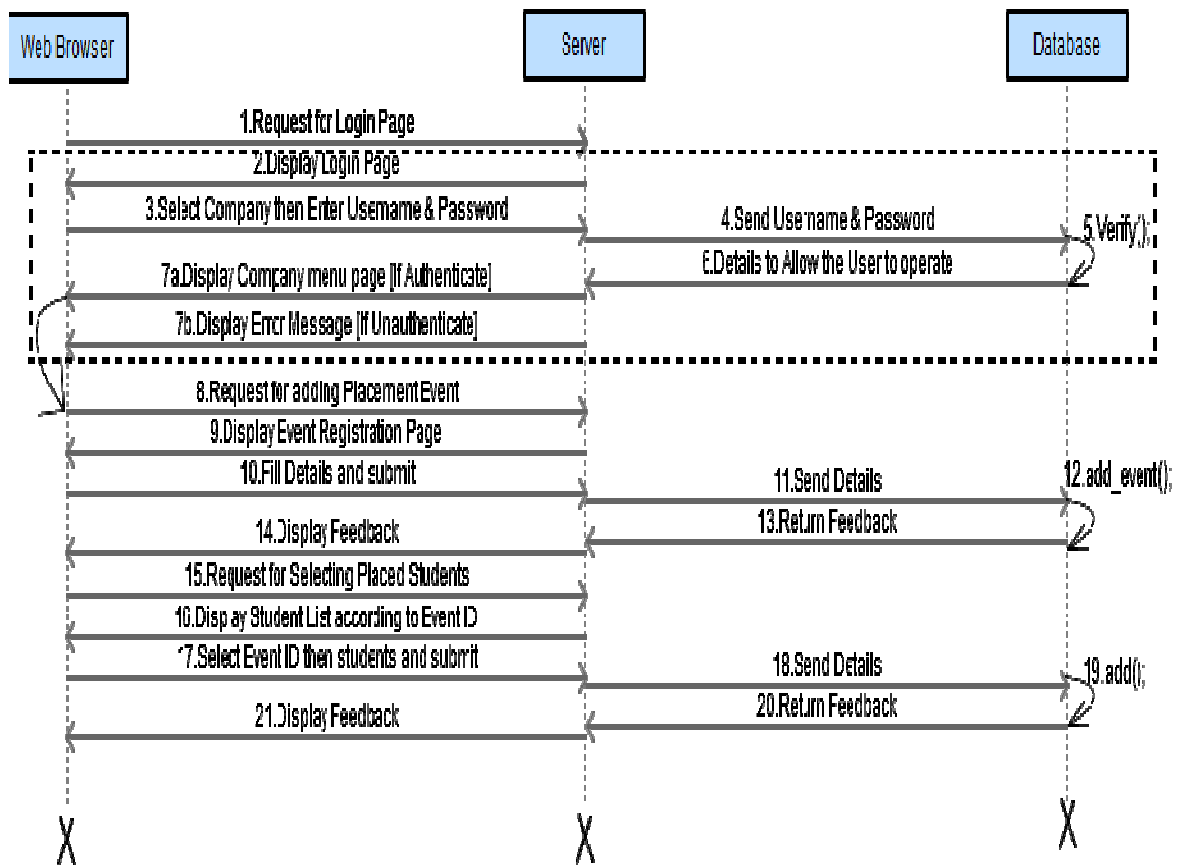


3.5 Sequence Diagrams

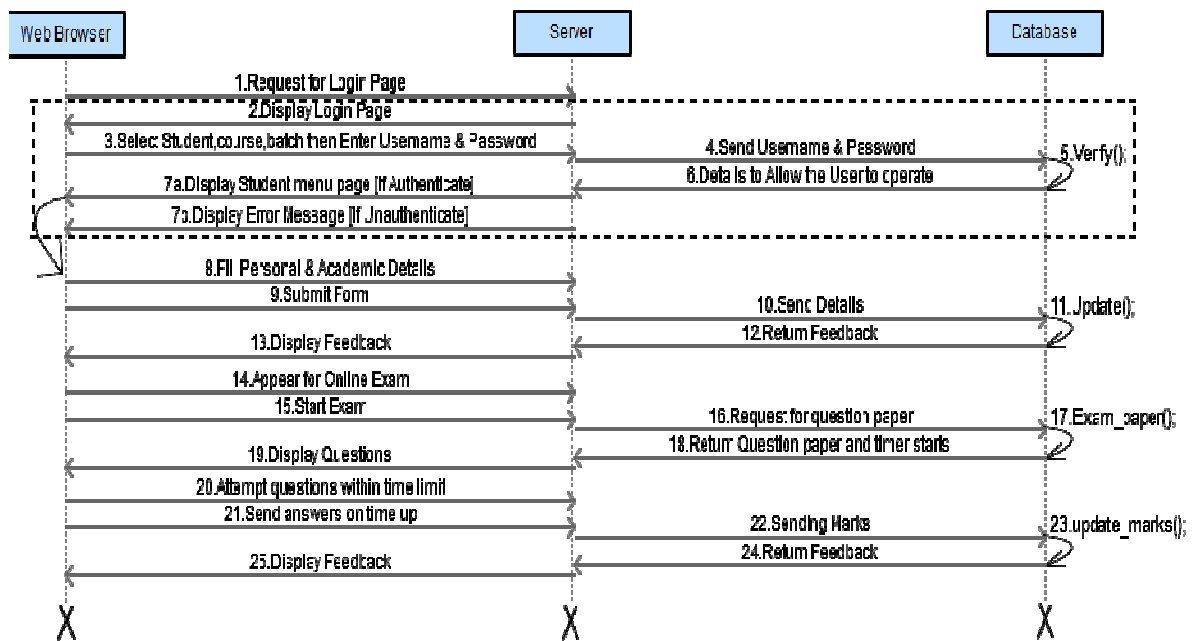
For Admin



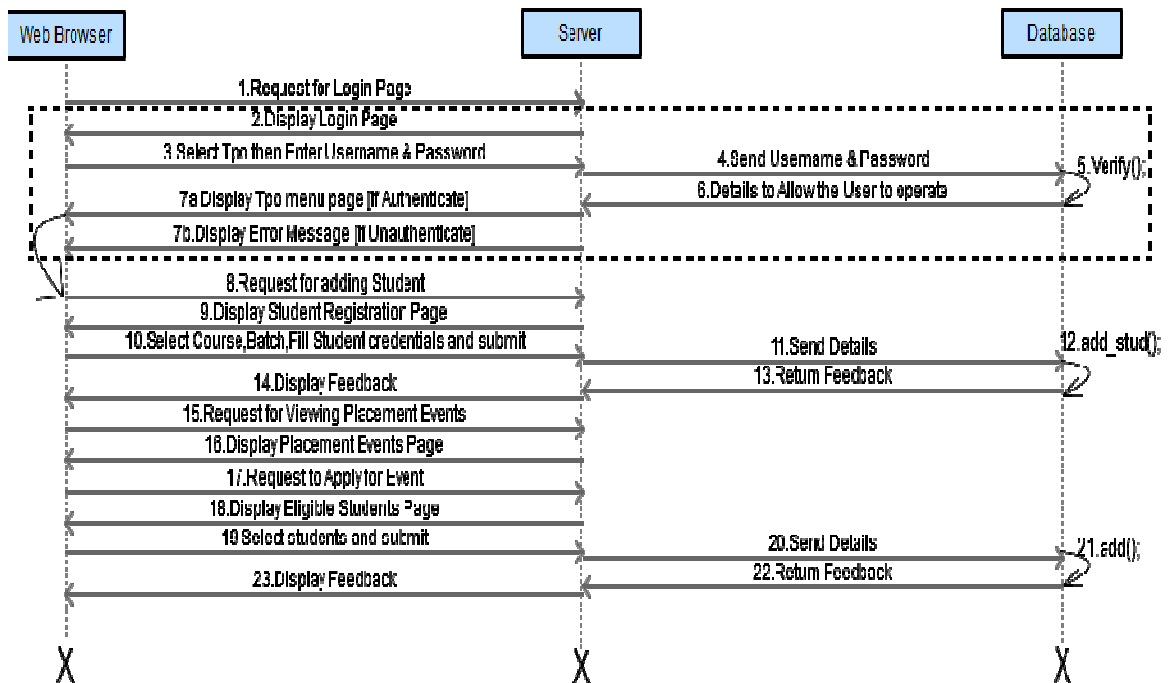
For Company



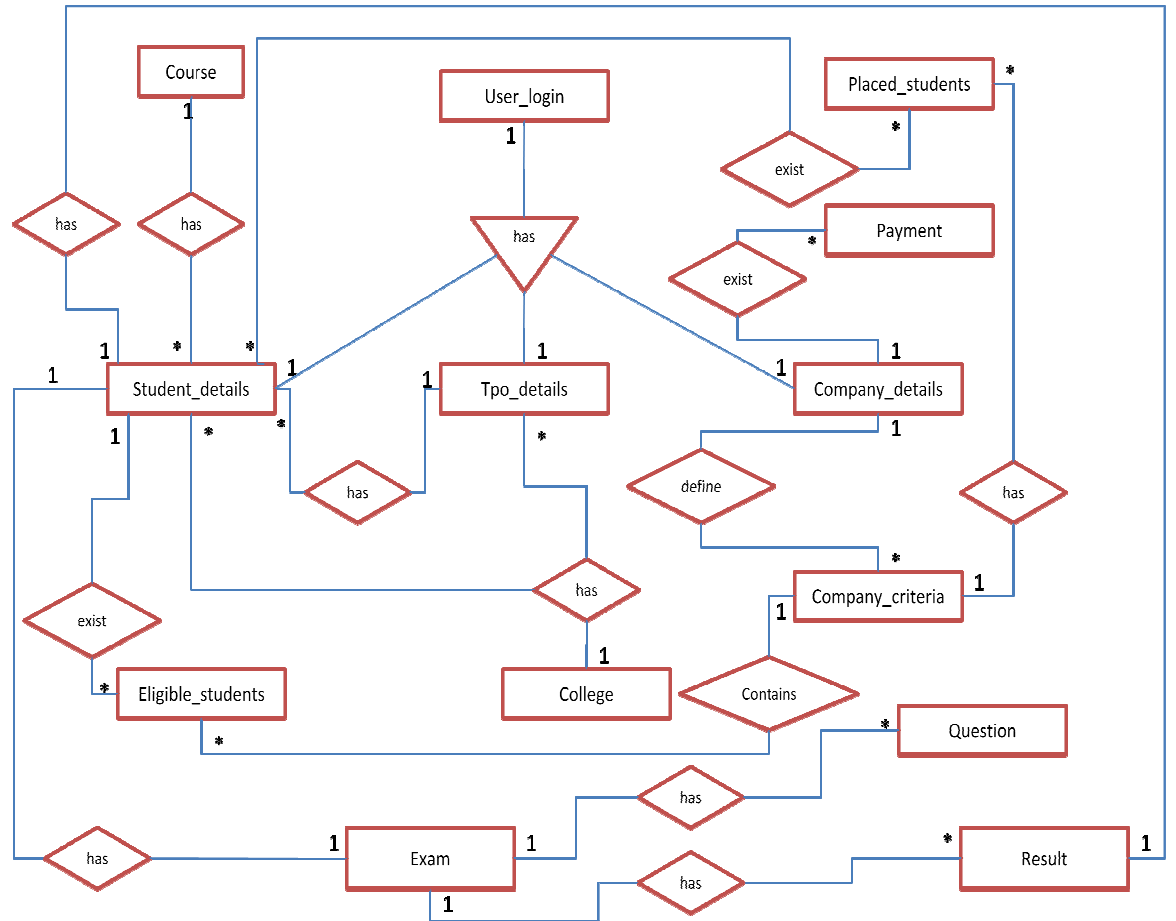
For Student



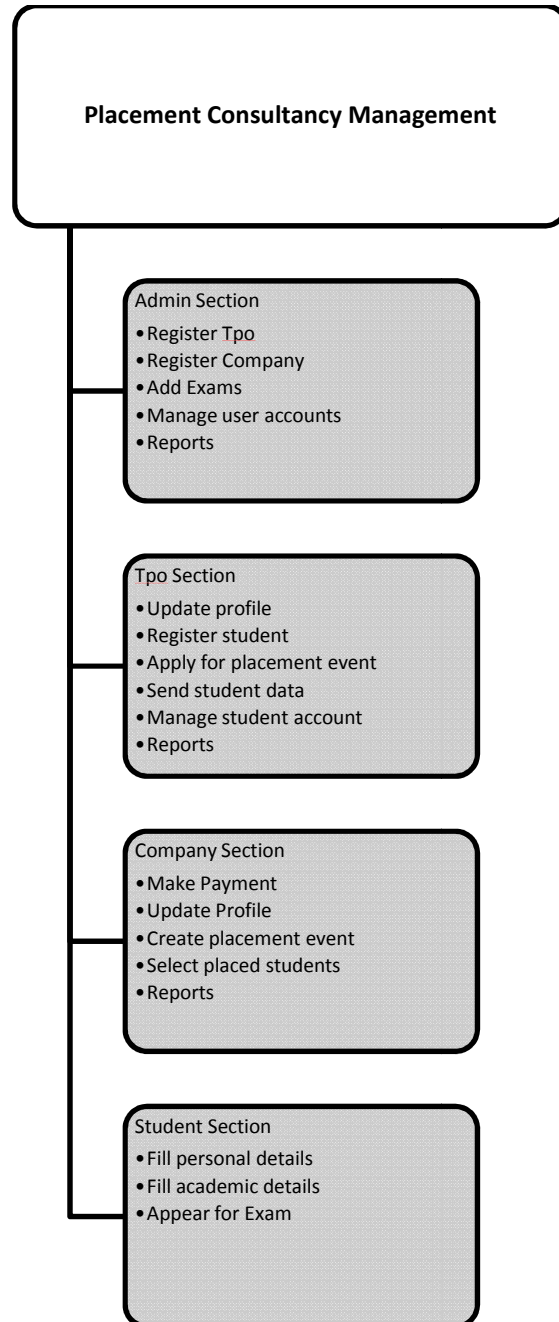
For Tpo



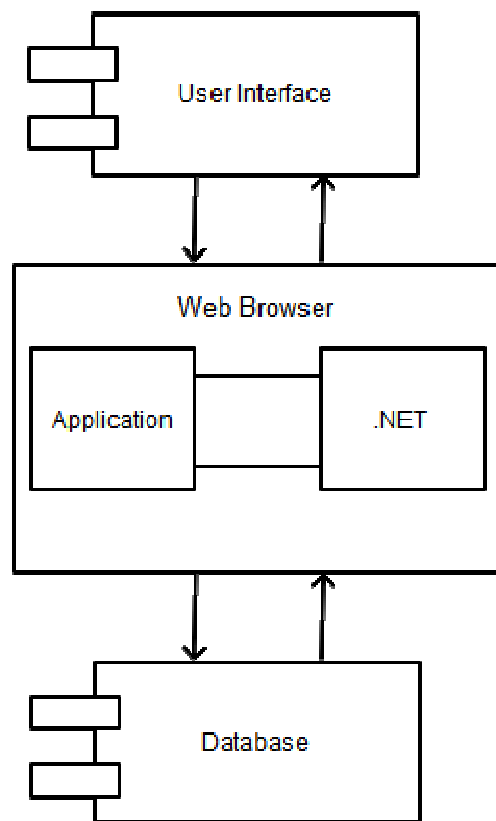
3.6 Entity Relationship



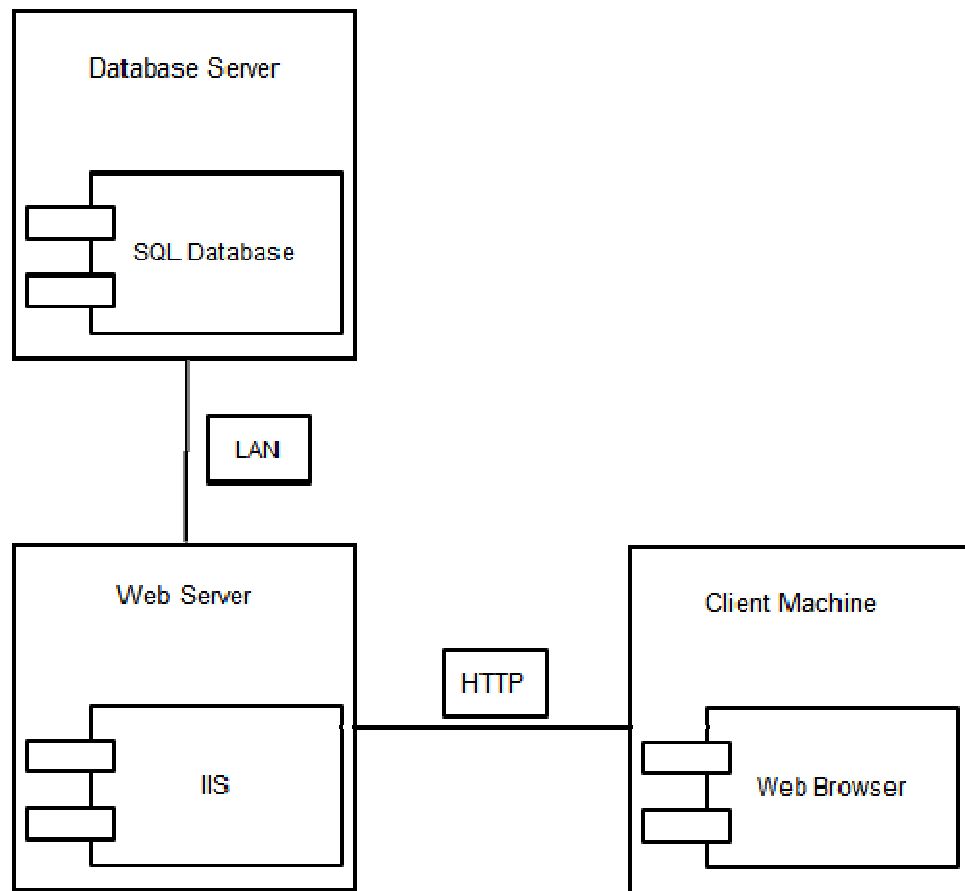
3.7 Module Hierarchy Diagram



3.8 Component Diagram



3.9 Deployment Diagram



3.10 Module Specifications

1. Admin Section

The application will allow admin to register TPO and Companies to the system. It also allows admin to add colleges and courses to the system. Admin adds exam for different courses in the system. Students registering to the system have to go through that online exam. Admin can enable or disable users accounts. Different reports can be generated by the admin.

2. Tpo Section

The application will allow Tpo to update their profile and change password. Tpo can add different courses students to the system. It allows Tpo to view placement events and apply for it and send eligible students list. Tpo can send mail to the students and can also enable their accounts for updating information. Different reports can be generated by the Tpo.

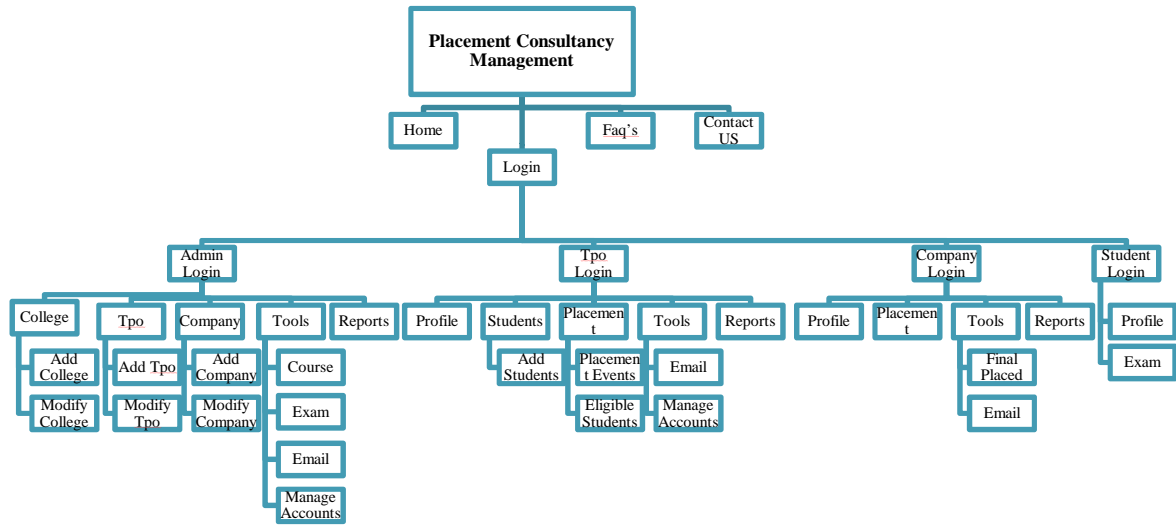
3. Company Section

The application will allow Company to Update their profile and change password. Company can make online payment to use their account. Company can create new placement event and put criteria for filtering students. Company can update the selected students list to the system. Different reports can be generated by the company.

4. Student Section

The application allows Student to fill their personal and academic details to the system. Students can appear for online exam which is set by the admin.

3.11 Web Site Map Diagram

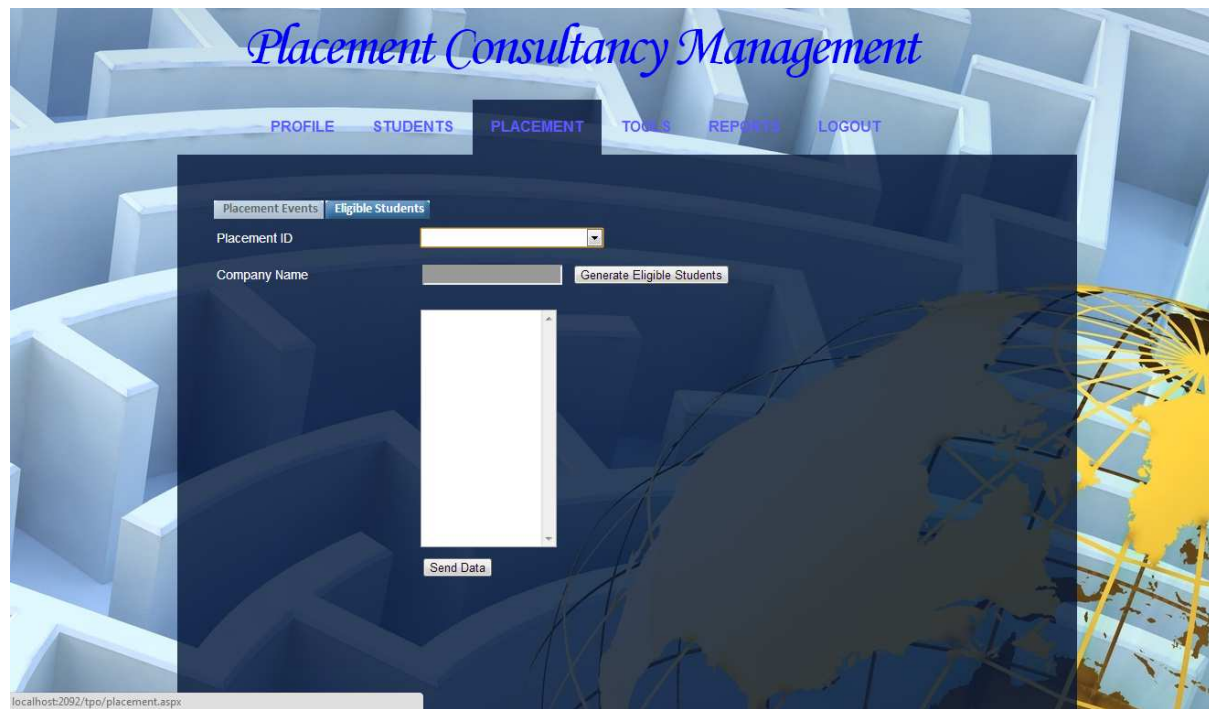


3.12 User Interface Design

1. Login Form



2. Select Eligible Students page



3. Student Profile Page1

Placement Consultancy Management

WELCOME PROFILE EXAM LOGOUT

Email

Name

Gender

Date of Birth (mm/dd/yyyy)

Mobile No.

Address

City

State

Pincode

Next

4. Student Profile Page2

Placement Consultancy Management

WELCOME PROFILE EXAM LOGOUT

Qualifications	Batch	Board/Univ	Percentage
SSC	eg. 2010		%
HSC Science	eg. 2010		%
Grad BCS	eg. 2010		%
PG Agg.	eg. 2010		%

Previous Next

5. Student Profile Page3

The screenshot displays the 'Student Profile Page' within the 'Placement Consultancy Management' system. The page features a navigation menu with 'WELCOME', 'PROFILE', 'EXAM', and 'LOGOUT' options. The main content area is a dark blue form with the following fields:

- Backlogs**: A checkbox labeled 'Subjects'.
- Year Lag(if any)**: A checkbox labeled 'yrs'.
- Reason for lag**: A large white text input area.
- Upload Photo**: A file upload button labeled 'Choose File' with the text 'No file chosen' and a note '(.jpg/.jpeg format file , max size 2mb)'.
- Upload Resume**: A file upload button labeled 'Choose File' with the text 'No file chosen' and a note '(max size 2mb)'.

At the bottom right of the form, there are two buttons: 'Previous' and 'Finish'.

6. Questions Page



The screenshot displays a web application interface for "Placement Consultancy Management". The title is written in a blue, cursive font at the top. Below the title is a navigation menu with four items: "WELCOME", "PROFILE", "EXAM", and "LOGOUT". The "EXAM" item is highlighted with a blue underline. The main content area is dark blue and contains a question titled "Q1. Two types of ____ are desktop computers and notebook computers." Below the question are four radio button options: "Personal Computers", "Mobile Computers", "Midrange Servers", and "Mainframes". At the bottom of the question area are two buttons: "Previous" and "Next". In the top right corner of the main content area, it says "Time: 105 Seconds left". The background of the interface features a 3D maze-like pattern in shades of blue and white, with a yellow globe visible on the right side.

Placement Consultancy Management

WELCOME PROFILE EXAM LOGOUT

Time: 105 Seconds left

Questions

Q1. Two types of ____ are desktop computers and notebook computers.

- Personal Computers
- Mobile Computers
- Midrange Servers
- Mainframes

Previous Next

7. Payment Page

Placement Consultancy Management

WELCOME

Online Payment

User's Name	IBM
Subscription Period	(01/02/2013)-(01/01/2014)
Total Amount	2999

Payment By Debit Card Credit Card

Card Number

Name on Card

Expiry Date / (MM/YYYY)

CVV2 Number (3 digit number printed on back of card)

8. Add Placement Event Page

Company Name IBM

Date

Type IT only

Job Description

Process Description

Course

Batch

Criteria

SSC % & above

HSC % & above

Grad % & above

PG % & above

No. of Backlogs 0

Year Lag 0 yrs

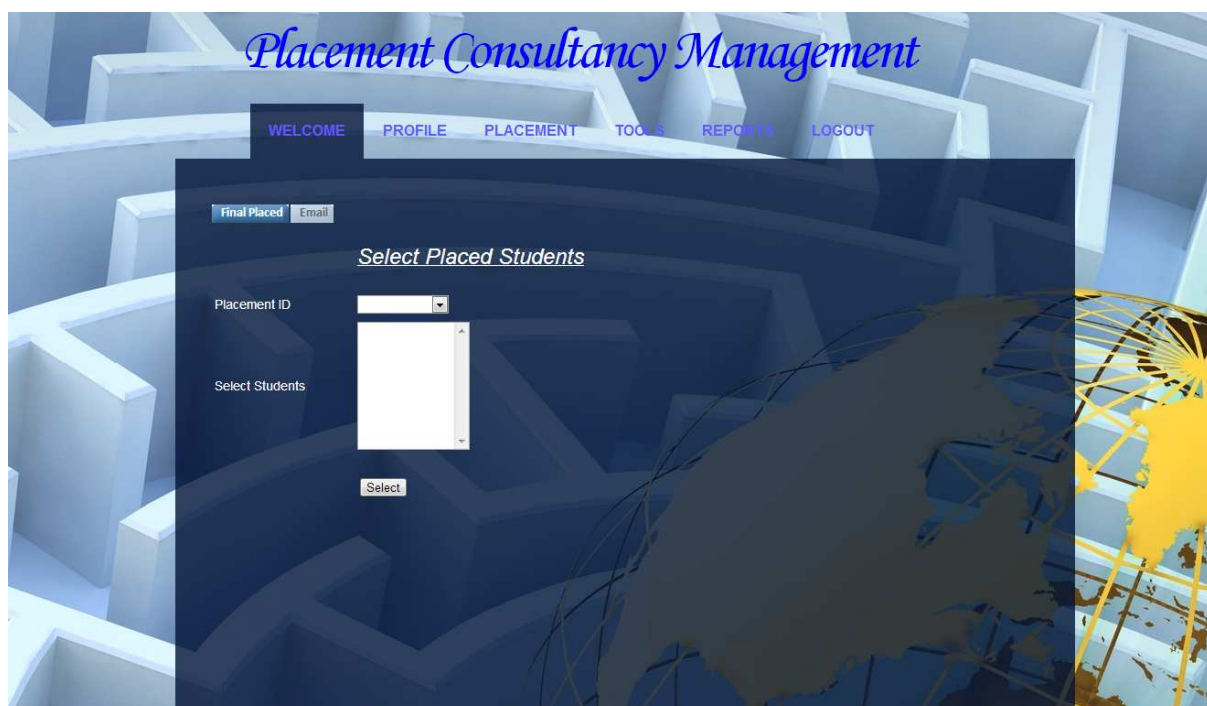
Exam CutOff (50-100%) (This is based on internal exam conducted by us.)

Slipend Rs. /-

Package Rs. 0 /-

Requirements Students

9. Selecting Final Placed Students Page



10. Adding Exam

Course | Email | Manage Accounts | Exam

Exam

New Existing

Exam ID: 1

Select Course:

Cut Off:

Add

Select Exam ID:

Course:

Question No:

Question:

Option1:

Option2:

Option3:

Option4:

Answer: (Selection from option 1 to 4)
(Minimum 10 questions are required.)

Add Question Submit

3.13 Table specifications

User_login

Field name	Datatype	Width	Constraint
Email	Nvarchar	50	Primary key
Password	Nvarchar	20	Not null
Name	Nvarchar	50	Not null
Type	Nvarchar	10	Not null
F_name	Nvarchar	20	-
Enabled	Boolean	-	Not null

Course

Field name	Datatype	Width	Constraint
Course_id	Numeric	4	Primary key
Cname	Varchar	20	Not null
Batch	Numeric	4	Not null

College

Field name	Datatype	Width	Constraint
Clg_id	Numeric	5	Primary key
C_name	Varchar	30	Not null
C_address	Nvarchar	50	Not null
Contact	Numeric	20	Not null

Tpo_details

Field name	Datatype	Width	Constraint
Email	Nvarchar	50	Foreign key
Clg_id	Numeric	5	Foreign key
Name	Varchar	30	Not null
Contact	Numeric	10	Not null
Picture	Nvarchar	50	

Company_details

Field name	Datatype	Width	Constraint
C_id	Varchar	50	Foreign key
Cname	Varchar	20	Not null
Description	Varchar	100	Not null
Contact	Varchar	30	Not null
Address	Varchar	50	Not null
Hr_name	Varchar	30	Not null
Hr_contact	Varchar	30	Not null
Website	Varchar	50	Not null
Reference	Varchar	30	
Reference_no	Varchar	20	
Picture	Nvarchar	50	
Subscription_fee	Numeric	5	

Eligible_students

Field name	Datatype	Width	Constraints
Email	Nvarchar	Max	Foreign key
P_id	Numeric	4	Foreign key

Placed_students

Field name	Datatype	Width	Constraints
Email	Nvarchar	Max	Foreign key
P_id	Numeric	4	Foreign key

Exam

Field name	Datatype	Width	Constraints
Exam_id	Numeric	4	Primary key
Course	Varchar	20	Not null
Cutoffs	Numeric	3	Not null

Student_details

Field name	Datatype	Width	Constraint
Email	Nvarchar	Max	Foreign key
Clg_id	Nvarchar	Max	Foreign key
Exam_id	Numeric	4	Foreign key
Fname	Varchar	30	
Mname	Varchar	30	
Lname	Varchar	30	
Gender	Varchar	6	
Dob	Datetime		
Mob_no	Numeric	10	
Address	Varchar	50	
City	Varchar	15	
State	Varchar	20	
Pin	Numeric	6	
Ssc_batch	Numeric	4	
Ssc_board	Varchar	20	
Ssc_marks	Numeric	2	
Hsc_stream	Varchar	10	

Hsc_batch	Numeric	4	
Hsc_board	Varchar	20	
Hsc_marks	Numeric	2	
Grad_stream	Varchar	10	
Grad_batch	Numeric	4	
Grad_univ	Varchar	20	
Grad_marks	Numeric	2	
Pg_stream	Varchar	10	Foreign key
Pg_batch	Varchar	50	
Pg_univ	Varchar	20	
Pg_agg	Numeric	2	
Lag_year	Numeric	1	
Lag_reason	Nvarchar	200	
No_of_placement	Numeric	2	
Photo	Nvarchar	50	
Resume	Varchar	50	

Company_criteria

Field name	Datatype	Width	Constraint
P_id	Numeric	4	Primary key
C_id	Nvarchar	Max	Foreign key
Year	Varchar	4	Not null
Type	Varchar	20	Not null
Job_desc	Varchar	200	Not null
Process_desc	Varchar	200	Not null
Course	Varchar	20	Not null
Batch	Varchar	4	Not null
Ssc	Numeric	2	Not null
Hsc	Numeric	2	Not null
Grad	Numeric	2	Not null
Pg	Numeric	2	Not null
Backlogs	Numeric	1	Not null
Lag	Numeric	1	Not null

Exam_cutoff	Numeric	3	Not null
Stipend	Numeric	8	
Package	Numeric	8	
Req	Numeric	3	
Placed	Numeric	3	Default 0
Eligible	Numeric	3	Default 0

Question

Field name	Datatype	Width	Constraints
Exam_id	Numeric	4	Foreign key
Ques_no	Numeric	3	Not null
Question	Varchar	Max	Not null
Option1	Varchar	Max	Not null
Option2	Varchar	Max	Not null
Option3	Varchar	Max	Not null
Option4	Varchar	Max	Not null
Answer	Varchar	Max	Not null

Result

Field name	Datatype	Width	Constraints
Email	Varchar	Max	Foreign Key
Exam_id	Numeric	4	Foreign Key
Marks	Numeric	3	Not null

Payment

Field name	Datatype	Width	Constraints
Transaction_id	Varchar	50	Primary key
Customer_id	Varchar	Max	Foreign key
Transaction_date	Date		Not null
Amount	Numeric	5	Not null
Status	Varchar	20	Not null

3.14 Test Procedures and Implementation

What is software testing?

Software testing is a critical element of software quality assurance and represents the ultimate review of specification, design and code generation. It is a process of executing a program with a primary objective of finding errors. Testing gives the guarantee that the software does not fail and runs according to its specifications and in the way the end user expects. This can be done by various software testing techniques which provide a systematic guidance for designing tests that exercise the input and output domains of the program to uncover errors in program function, behavior and performance.

The following software testing techniques were used in order to uncover errors in the system:

- Unit testing
- Integration testing
- White box testing
- Black box testing
- Acceptance tests (Alpha and Beta testing)

1: Unit Testing

Unit testing is normally considered as an adjunct to the coding step. It is the test for the small units of code, e.g. programs, modules or procedures, in order to ensure that they perform their intended functions. All possible paths through the control structure are exercised to ensure that all statements in a program are executed at least once. Unit testing is also done to test the data flow across a module interface.

The following errors are uncovered during unit testing:

- Comparison of different data types.
- Incorrect logical operators or precedence.
- Incorrect comparison of variables.
- Improper or nonexistent loop termination.
- Improperly modified loop variable.

2: Integration Testing

Integration testing is a systematic technique for constructing the program structure while at the same time conducting tests to uncover errors associated with interfacing. During this activity, unit tested components are taken and a program structure is built as per the design. Then incremental integration is performed on

the system. This means that programs are constructed and tested in small increments instead of testing the entire program as a whole. This is done because correction of errors becomes difficult in case of whole program testing as many errors were detected and it is not easy to correct them at one go. Thus, through incremental integration testing, any error uncovered could be easily noted and corrected and interfaces are tested completely.

3: White Box Testing

White box testing is also called as glass box testing. It is related with the structure (internal logic) of the program. It helps in uncovering many errors that black box testing cannot. During white box testing activity, every statement of programs is executed at least once. All independent paths are also executed. Every logical decision is executed to check both true and false conditions. All loops are executed at their boundaries and within their operational bounds. Validation checks are also done during this process.

4: Black Box Testing

Black box testing, also known as behavioral testing, focuses on the functional requirements of the software. It is related to input and output only and not related with the internal structure of the program. This testing is also done so as to find errors such as:

- Initialization and termination errors
- Behavior and performance errors
- Incorrect or missing functions
- Interface errors
- Errors in data structures and external database access
- Performance errors

5: Acceptance Testing (Alpha & Beta Testing)

An acceptance test is a test carried out by the customer or end user rather than the developer in order to enable the customer to validate all requirements. Alpha testing and beta testing are two types of acceptance tests that are conducted.

6: Alpha Testing

Alpha test is conducted in a controlled environment. As a matter of fact, the end user conducts alpha test at the developer's site. During the course of the system development, the end user is

operating the software in front of the developer and the errors and other problems are recorded. Rectification is made accordingly.

7: Beta Testing

Beta testing is also conducted by the end user, but in the absence of the developer. Here, the end user himself records all the problems that he encounters during testing the system and then reports them to the developer at regular intervals. As a result of problems reported during beta testing, modifications are made to overcome the problem

Test Cases

Test Case ID #		1		
Test Case Name		To test functionality of login form.		
Prerequisite		Login form should get loaded.		
Objective		To fine out bugs in login form.		
Sr. No	Steps be to executed	Expected Result	Actual Result	Pass/Fail Criteria

	<u>Username</u>			
	<u>Textbox</u>			
	<u>Test cases</u>			
1	<p>1. Enter email address with invalid naming conventions.</p> <p>2. Enter correct password.</p> <p>3. Click on Submit button.</p>	<p>It should display error message</p> <p>“Enter valid email id.”</p>	<p>It display error message”</p> <p>Enter valid email id.”</p>	Pass
2.	<p>1. Enter email address with valid naming conventions.</p> <p>2. Enter correct password.</p> <p>3. Click on Submit button.</p>	<p>It should successfully login user.</p>	<p>It successfully logged in the user.</p>	Pass

3.	1. Type Username with greater than 50 Characters.	It should display error message “Enter valid email with maximum 50 characters.”	It does not accept email with greater than 50 characters.	Pass
4.	1. Enter email within limit of 50 characters. 2. Enter correct password 3. Click on Submit button.	It should successfully login user.	It successfully logged in the user.	Pass
5.	1. Enter email As blank field. 2. Enter correct	It should display error message	It displays error message	Pass

	password 3. Click on Submit button.	“Enter email”.	”Enter email”.	
	<u>Password</u> <u>Textbox</u> <u>Test cases</u>			
1.	1. Enter correct email. 2. Enter password with less than 5 Characters. 3. Click on Submit button.	It should display error message “Enter password with minimum 5 characters.”	It displays error message “Enter password with minimum 5 characters.”	Pass
2.	1. Enter correct email. 2. Enter password with	It should display error message “Enter	It should display error message “Enter	Pass

	greater than 20 Characters. 3. Click on Submit button.	password with maximum 20 characters.”	password with maximum 20 characters.”	
3.	1. Enter correct email. 2. Enter password within limit of 20 Characters. 3. Click on Submit button.	It should successfully login user.	It successfully logged in the user.	Pass
4.	1. Enter correct email. 2. Enter password as blank field. 3. Click on	It should display Error message” Enter password”.	It displays Error message” Enter password”.	Pass

	Submit button.			
5.	1. Enter correct email. 2. Enter password with characters , digits and special Characters. 3. Click on Submit button.	It should display error message “Enter password with alphabets and/or digits only.	It displays error message “Enter password with alphabets and/or digits only.	Pass

CHAPTER 4

USER MANUAL

The user manual is prepared reflexively because it is an item that must accompany every system. Manual is given so that there is a quick reference about the system package with the menu given study of the overall system.

User manual acts as a guide to the users of the system. It describes everything about the system from the user's point of view and helps the user to operate the system easily and efficiently.

User manual has all the points about system packages, features, & the terminologies used in the system. It covers the major points such as information about client side hardware and software requirements, implementation procedures, installation guidelines, abbreviations and much more.

There are two types of user manual

- **Operational manual:-** It describes the installation process of the system.
- **User manual: -** It describes how to use the system.

4.1 User Manual

User manual gives all information about each section of GUI.

This manual helps you understand the system. It is guideline for every new user.

For Admin

- He/she can register TPO, Company to the system.
- He/she can add new course along with batch in the system.
- He/she can communicate with the users via email.
- He/she can manage user accounts.
- He/she can add exam to the courses.
- He/she can see different reports
 - Registered Colleges & their TPO report.
 - Registered Companies.
 - Total students college wise report.
 - Company payment reports.

For TPO

- He/she can update their profile & change password.
- He/she can add students individually or by importing excel sheet.
- He/she can view placement events.
- He/she can apply for placement event and sent eligible students list.
- He/she can notify students via email.
- He/she can manage students account.
- He/she can see different reports
 - All student reports.
 - Eligible students report
 - Non-placed students report.
 - Placed students report.

For Company

- He/she can update their profile & change password.
- He/she can create placement events.
- He/she can notify eligible students via email.
- He/she can update final placed students list.
- He/she can see different reports
 - Eligible student report.
 - Students resume report.

For Student

- He/she can add personal & academic details.
- He/she can appear for online exam.
- He/she can update resume only with the permission of TPO.
- He/she can receive email on the registered email id.

4.2 Operations Manual / Menu Explanation

Every user of the system has their login id & password. All the users have different menu depending upon the type of user.

The website will be used by 4 types of users:-

1. Admin
2. Company
3. TPO
4. Student

For Admin

He/she has following items:-

A. College

Allows user to add or modify college.

B. TPO

Allows user to add or modify TPO of particular college.

Their account can be enabled or disabled from here also.

C. Company

Allows user to add or modify company. Their account can

be enabled or disabled from here also.

D. Tools

a. Course

Add new course to the system.

b. Email

Can communicate with users of the system via email.

c. Manage accounts

Can enable or disable users account.

d. Exam

Can create exam papers for online exam of different courses

E. Reports

Different reports can be generated from here.

F. Logout

Logs out user from the system.

For Company

He/she has following items:-

A. Profile

Allows the user to update their profile and change password.

B. Placement

Allows user to create placement event by selecting course and setting criteria.

C. Tools

a. Final Placed

Select final placed students in particular placement event.

b. Email

Send email to the eligible students.

D. Reports

Different reports can be generated from here.

E. Logout

Logs out user from the system.

For TPO

He/she has following items:-

A. Profile

Allows the user to update their profile and change password.

B. Students

Allows the user to add students to the system. They can be added individually one by one or an excel sheet can be imported.

C. Placement

a. Placement Events

User can view upcoming placement event on this page

b. Eligible Students

User can generate eligible student list and apply for the event.

D. Tools

a. Send Email

User can send email to the students.

b. Manage accounts

c. User can enable or disable any students account

E. Reports

Different reports can be generated from here.

F. Logout

Logs out user from the system.

For Student

He/she has following items:-

A. Profile

Allows user to update their personal and academic details

B. Exam

Online exam is given by the user after selecting this. User can appear for online exam only once.

C. Logout

Logs out user from the system.

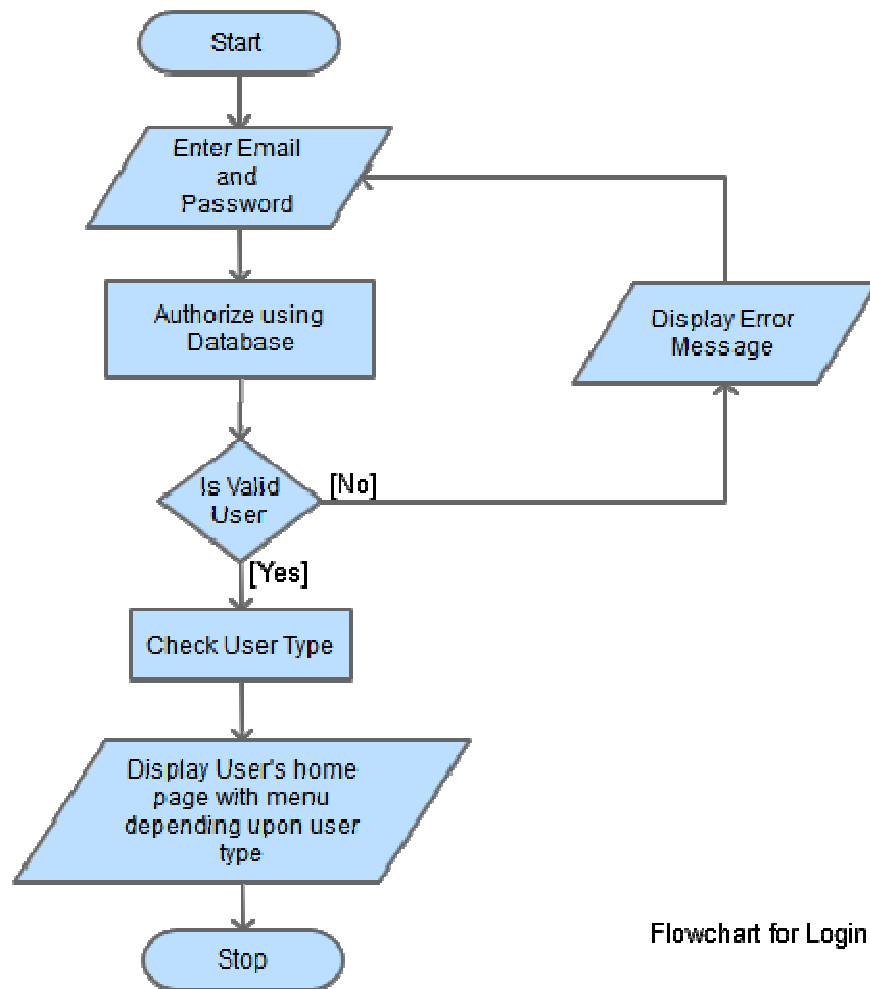
4.3 Program Specifications / Flow Charts

The system has been developed in asp.net framework using C#(C sharp) for front end and SQL server 2008 from back end. Following are the program specification used in the development process explained with the help of flowchart.

Login

Precondition: Login page displayed.

Result: User home page displayed.



Flowchart for Login

DRAWBACKS
AND
LIMITATIONS

The system is capable of providing all essential features which are required for 'Placement Consultancy' for college recruitment. But still system lacks somewhere and those points are not covered while developing system. These points may not affect systems behavior but still those points are essential as per the system's performance and flexibility is concerned.

Some points are also there which are overhead, but still needs to be there. Those are also considered as drawbacks and the limitations of the system.

The system lacks in,

- Students can not apply for placement events directly.
- Students are notified about placement event only through TPO or Company via Email
- There is no SMS facility.
- Payment is done only online.
- Companies do not have provision for taking online exam through this system.
- This system is dedicated for college placement only.

**PROPOSED
ENHANCEMENTS**

- Students should have a control panel of their own where they can view placement events and can apply for it directly.
- There should be SMS facility through which users can be notified directly on mobiles.
- Different payment modes should be added.
- Companies should have provision for creating exam and taking online exam through this system.

CONCLUSION

The system is developed especially for on-campus placements. It provides full control of the placement events and student's data to the TPO. System provides non-redundant data to the users. Confidentiality of users is taken care of and system is developed in such a way to maintain it. Reports can be easily generated and downloaded in .pdf format.

BIBLIOGRAPHY

Following books have been referred during the course of the project development:-

Book

Asp.net complete reference.

Developing web application with Microsoft VB.net & C#.net

Web

Asp.net Tutorials

www.google.com

ANNEXURE 1

USER INTERFACE SCREENS

Login Screen



FAQ's



The screenshot shows a web browser window with a blue and white maze background. The title "Placement Consultancy Management" is written in a blue, cursive font at the top. Below the title is a navigation menu with links for "WELCOME", "HOME", "LOGIN", "FAQ'S", and "CONTACTUS". The "FAQ'S" link is highlighted. A dark blue sidebar on the left contains the heading "FAQ's" and a list of eight questions. The first question is expanded, showing its answer. The background also features a globe with a yellow sunburst on the right side.

Placement Consultancy Management

[WELCOME](#) [HOME](#) [LOGIN](#) [FAQ'S](#) [CONTACTUS](#)

FAQ's

1. How do student register themselves to the placement cell management system?
To register to the placement cell management system you need to contact your TPO. only after getting username and password through e-mail you will be able to register.
2. How can a student create a login password?
3. How do student update my academic details?
4. How do student change their Percentage/ Graduation Stream?
5. If I forget my password, how can I recover my it?
6. What if I forget my userid?
6. What if student marks are in CGPA?
7. How will I be informed about the companies?
8. How can student upload the resume?

Contact US



The screenshot shows a web page with a blue and white geometric background. At the top, the title "Placement Consultancy Management" is written in a blue, cursive font. Below the title is a navigation menu with five items: "WELCOME", "HOME", "LOGIN", "FAQ'S", and "CONTACTUS". The "CONTACTUS" item is highlighted with a dark blue background. The main content area is a dark blue box with a white border, containing the following form fields:

Contact US

Full Name:

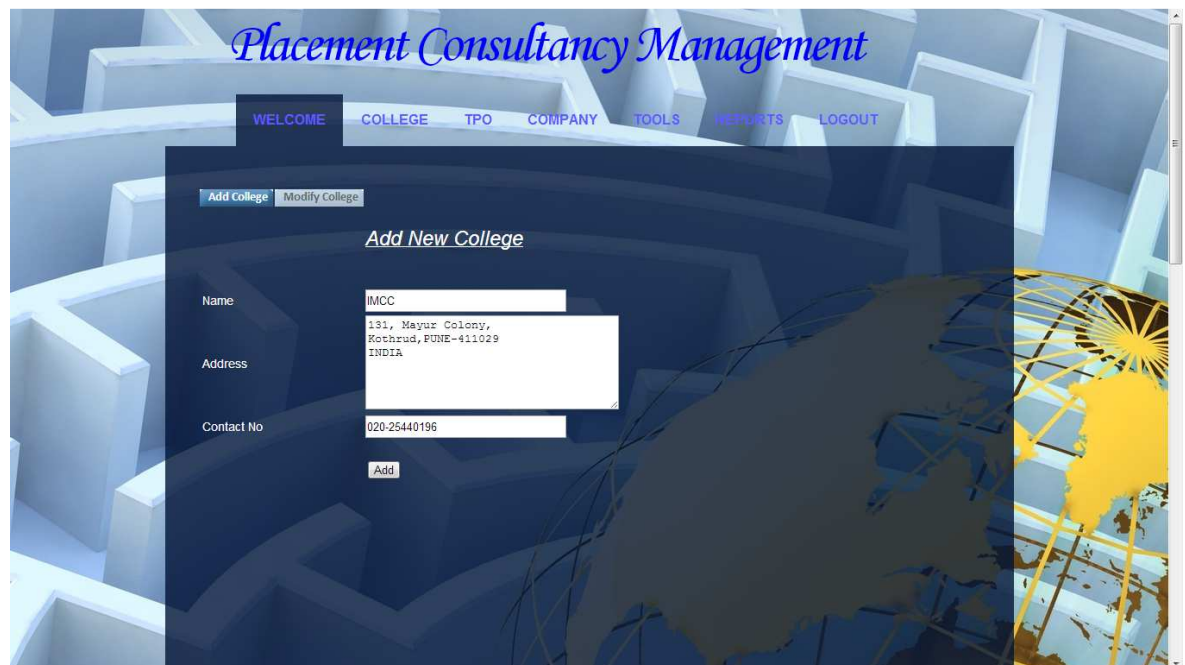
Type:

Email:

Contact No:

Message:

Add College



The screenshot shows a web application interface for 'Placement Consultancy Management'. The title is displayed in a blue, cursive font at the top. Below the title is a navigation menu with links: WELCOME, COLLEGE, TPO, COMPANY, TOOLS, REPORTS, and LOGOUT. The 'COLLEGE' link is highlighted. Below the navigation menu, there are two buttons: 'Add College' (highlighted) and 'Modify College'. The main content area is titled 'Add New College' and contains a form with the following fields:

Name	<input type="text" value="IMCC"/>
Address	<input type="text" value="131, Mayur Colony,
Kothrud, PUNE-411029
INDIA"/>
Contact No	<input type="text" value="020-25440196"/>
	<input type="button" value="Add"/>

Modify College

The screenshot displays a web application interface for 'Placement Consultancy Management'. The page features a navigation menu with links for WELCOME, COLLEGE, TPO, COMPANY, TOOLS, REPORTS, and LOGOUT. Below the navigation, there are two buttons: 'Add College' and 'Modify College'. The 'Modify College' button is active, leading to a form titled 'Modify College'. The form contains three input fields: 'Name' with the value 'IMCC' and a 'Select' button, 'Address' with the value '131, Mayur Colony, Kothrud, PUNE-411029 INDIA', and 'Contact No' with the value '020-25440196'. An 'Update' button is located at the bottom of the form. The background of the page is a blue maze with a globe on the right side.

Placement Consultancy Management

WELCOME COLLEGE TPO COMPANY TOOLS REPORTS LOGOUT

Add College Modify College

Modify College

Name	IMCC	Select
Address	131, Mayur Colony, Kothrud, PUNE-411029 INDIA	
Contact No	020-25440196	
Update		

Add TPO

The screenshot shows a web application interface for 'Placement Consultancy Management'. The page has a blue header with the title in a cursive font. Below the header is a navigation menu with links: WELCOME, COLLEGE, TPO, COMPANY, TOOLS, REPORTS, and LOGOUT. The main content area is a dark blue panel with a semi-transparent form overlay. The form is titled 'Add New TPO' and contains the following fields and controls:

- Add TPO** (button) | **Modify TPO** (button)
- Add New TPO** (Section Header)
- Email**:
- Full Name**:
- College Name**: (dropdown menu)
- Contact No**:
- Upload Picture**: No file chosen
- Enabled**
-

Modify TPO

The screenshot shows a web application interface for 'Placement Consultancy Management'. The main title is in a blue serif font. Below the title is a navigation menu with links: WELCOME, COLLEGE, TPO, COMPANY, TOOLS, WEBSITE, and LOGOUT. The 'TPO' link is highlighted. A dark blue modal window is open, titled 'Modify TPO'. Inside the modal, there are two buttons: 'Add TPO' and 'Modify TPO', with 'Modify TPO' being the active one. The form fields are as follows:

Email	<input type="text" value="imcc.tpo@gmail.com"/>	<input type="button" value="Select"/>
Full Name	<input type="text" value="Ms. Manasi Ghate"/>	
College Name	<input type="text" value="IMCC"/>	
Contact No	<input type="text" value="020-25440196"/>	
Upload Picture	<input type="button" value="Choose File"/>	No file chosen
	<input checked="" type="checkbox"/> Enabled	
	<input type="button" value="Update TPO"/>	

Add Company

Placement Consultancy Management

WELCOME COLLEGE TPO COMPANY TOOLS REPORTS LOGOUT

Add New Company

Email

Name

Description

Contact No

Address

HR Name

HR Contact No

Website

Reference

Picture No file chosen

Modify Company

Placement Consultancy Management

WELCOME COLLEGE TPO COMPANY TOOLS REPORTS LOGOUT

Modify Company

Email:

Name:

Description:

Contact No:

Address:

HR Name:

HR Contact No:

Website:

Reference:

Picture: No file chosen

Add Course



Send Email

The screenshot displays a web application interface for 'Placement Consultancy Management'. The main title is in a blue, cursive font. Below the title is a navigation menu with links: WELCOME, COLLEGE, TPO, COMPANY, TOOLS, REPORTS, and LOGOUT. The 'WELCOME' link is highlighted. The interface is divided into several sections: 'Course', 'Email', 'Manage Accounts', and 'Exam'. The 'Email' section is active, showing options for 'New' (selected) and 'Existing'. The 'Type' dropdown is set to 'COMPANY'. The 'To' field contains the email address 'ajay@technotronix.co.in'. Below the 'To' field, there is a note '(Seperate list with Comma)' and the message content 'Welcome!!!'. A 'Send Email' button is located at the bottom of the form. The background features a blue maze and a globe with a yellow sunburst.

Placement Consultancy Management

WELCOME COLLEGE TPO COMPANY TOOLS REPORTS LOGOUT

Course Email Manage Accounts Exam

New Existing

Type: COMPANY

To: ajay@technotronix.co.in

(Seperate list with Comma)

Message: Welcome!!!

Send Email

Manage User Accounts



The screenshot displays a web application interface for 'Placement Consultancy Management'. The page features a navigation menu with options: WELCOME, COLLEGE, TPO, COMPANY, TOOLS, REPORTS, and LOGOUT. The 'Manage Accounts' tab is active, showing a form with the following fields and controls:

Course	Email	Manage Accounts	Exam
Type			COMPANY
UserID			ajay@technotronix.co.in
Name			Ajay Jayagond
Status			<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
<input type="button" value="Update"/>			

Adding Exam & Questions

The screenshot shows a web application interface for "Placement Consultancy Management". The background features a blue maze and a globe. The main navigation bar includes "WELCOME", "COLLEGE", "TPO", "COMPANY", "TOOLS", "REPORTS", and "LOGOUT". A secondary navigation bar contains "Course", "Email", "Manage Accounts", and "Exam".

The "Exam" section is active, showing a form with the following fields and options:

- Exam ID:** A text input field.
- Select Course:** A dropdown menu.
- Cut Off:** A text input field.
- Add:** A button.
- Select Exam ID:** A dropdown menu.
- Course:** A dropdown menu.
- Question No:** A dropdown menu.
- Question:** A text area containing the question: "Two types of _____ are desktop computers and notebook computers."
- Option1:** A text input field containing "Personal Computers".
- Option2:** A text input field containing "Mobile Computers".
- Option3:** A text input field containing "Midrange Servers".
- Option4:** A text input field containing "Mainframe".
- Answer:** A dropdown menu with "OPTION 1" selected. A note below it says "(Selection from option 1 to 4) (Minimum 10 questions are required.)"
- Add Question:** A button.
- Submit:** A button.

Update Company Profile

Placement Consultancy Management

WELCOME PROFILE PLACEMENT TOOLS REPORTS LOGOUT

Update Profile

Name	<input type="text" value="Technotronix Pvt Ltd"/>
Description	<input type="text" value="This an IT company which mainly develops product in .NET framework."/>
Contact No	<input type="text" value="7709197930"/>
Address	<input type="text" value="Nigdi, Pune"/>
HR Name	<input type="text" value="Ajay Jayagond"/>
HR Contact No	<input type="text" value="7709197930"/>
Website	<input type="text" value="www.technotronix.co.in"/>
Picture	<input type="button" value="Choose File"/> No file chosen
<input type="button" value="Update"/>	

Placement Event

The screenshot shows a web application interface for 'Placement Consultancy Management'. The page has a blue header with the title and a navigation menu with links: WELCOME, PROFILE, PLACEMENT, TOOLS, REPORTS, and LOGOUT. The 'WELCOME' link is highlighted. Below the navigation is a form with the following fields:

Company Name	Technotronix Pvt Ltd
Date	2/17/2013
Type	IT only
Job Description	Java Developer
Process Description	1. Written Test 2. Technical Interview 3. HR Interview
Course	MCA
Batch	2012
Criteria	SSC 60 % & above HSC 60 % & above Grad 60 % & above PG 55 % & above No. of Backlogs 1 Year Lag 0 yrs

Final Placed Students



Update Tpo profile

Placement Consultancy Management

PROFILE STUDENTS PLACEMENT TOOLS REPORTS LOGOUT

Update Profile

Email

Full Name

Contact No

Upload Picture No file chosen

localhost:2092/tpo/profile.aspx

Add student



Placement Events

The screenshot displays a web application interface for 'Placement Consultancy Management'. The main title is in a blue serif font. Below it is a navigation menu with links for PROFILE, STUDENTS, PLACEMENT, TOOLS, REPORTS, and LOGOUT. The current view is 'Placement Events', which is shown in a dark blue overlay. At the top of this overlay, there are two tabs: 'Placement Events' (selected) and 'Eligible Students'. Below the tabs, the title 'Placement Events' is repeated. A table with four columns is displayed: an empty column, 'P_id', 'Name', and 'date'. The table contains one row with the values 'Select', '1', 'Technotronik Pvt Ltd', and '2/17/2013'. The background of the application features a 3D maze and a globe.

	P_id	Name	date
Select	1	Technotronik Pvt Ltd	2/17/2013

Eligible Students

The screenshot displays a web application interface for 'Placement Consultancy Management'. The main title is in a blue serif font. Below it is a navigation menu with links for PROFILE, STUDENTS, PLACEMENT, TOOLS, REPORTS, and LOGOUT. The active section is 'Eligible Students', which is highlighted in blue. This section contains a 'Placement ID' dropdown menu set to '1' and a 'Company Name' text input field containing 'Technotronix Pvt. Ltd.'. To the right of the company name is a 'Generate Eligible Students' button. Below these fields is a scrollable list of student names: Sahil Jain, Arijit Ghosh, Ankita Ambekar, Shreya Sinha, Anagha Rasane, and Reshu. At the bottom of this list is a 'Send Data' button. The background of the application features a blue maze and a globe with a yellow sunburst effect.

Placement Consultancy Management

PROFILE STUDENTS PLACEMENT TOOLS REPORTS LOGOUT

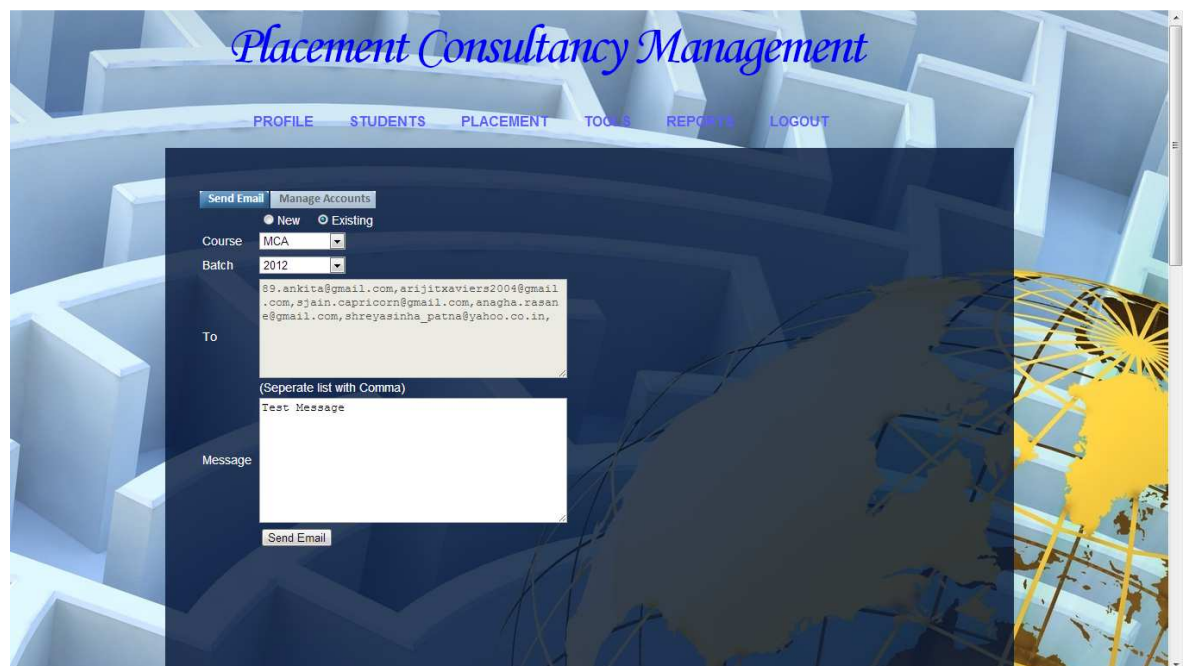
Placement Events **Eligible Students**

Placement ID 1

Company Name Technotronix Pvt. Ltd.

Sahil Jain
Arijit Ghosh
Ankita Ambekar
Shreya Sinha
Anagha Rasane
Reshu

Sending mail to students



The screenshot displays a web application interface for "Placement Consultancy Management". The page features a navigation menu with links for PROFILE, STUDENTS, PLACEMENT, TOOLS, REPORTS, and LOGOUT. The main content area is a modal window titled "Send Email" with a sub-tab "Manage Accounts".

At the top of the modal, there are radio buttons for "New" (selected) and "Existing". Below this, there are dropdown menus for "Course" (set to "MCA") and "Batch" (set to "2012").

The "To" field contains a list of email addresses: 89.ankita@gmail.com, arjitraviers2004@gmail.com, sjain.capricorn@gmail.com, anagha.rasane@gmail.com, shreyasinha_patna@yahoo.co.in, and a "Send Email" button.

The "Message" field contains the text "Test Message".

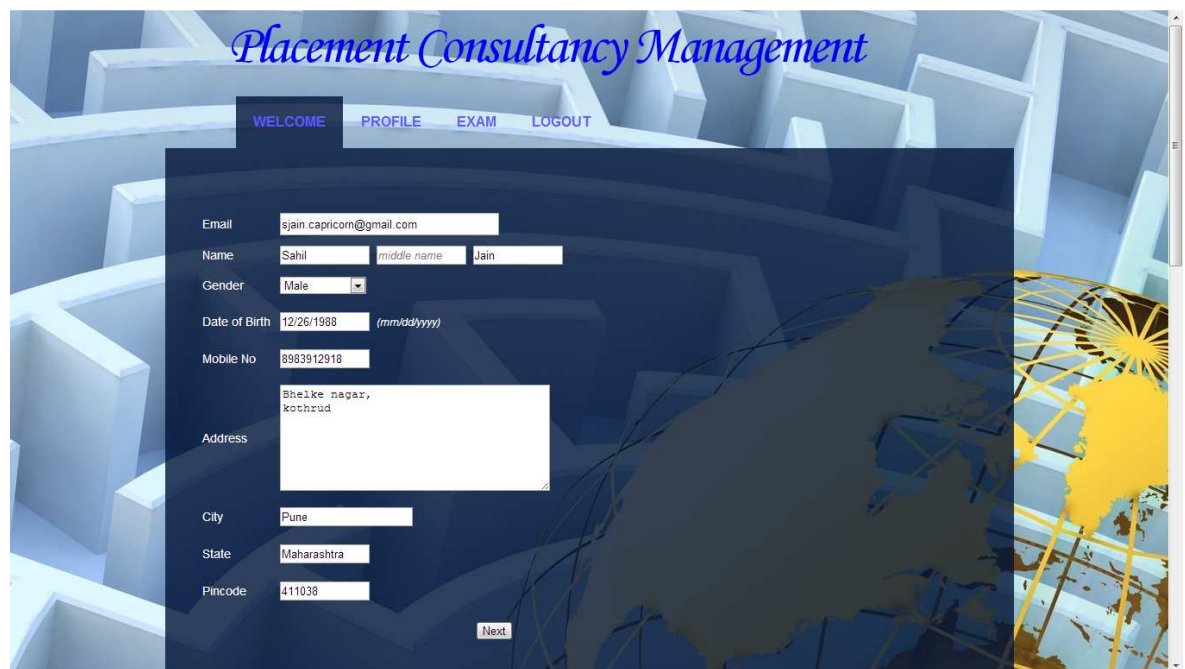
Manage Student Account



The screenshot displays a web application interface for 'Placement Consultancy Management'. The page features a navigation menu with links for PROFILE, STUDENTS, PLACEMENT, TOOLS, REPORTS, and LOGOUT. A central form titled 'Manage Accounts' is shown, containing the following fields and options:

- Send Email** / **Manage Accounts** (tabbed interface)
- Course**: MCA (dropdown menu)
- Batch**: 2012 (dropdown menu)
- UserID**: sjain.capricorn@gmail.com (dropdown menu)
- Name**: Sahil Jain (text input field)
- Status**: Enabled Disabled
- Update** (button)

Student Profile Page1



The screenshot displays a web application interface for 'Placement Consultancy Management'. The page features a navigation menu with options: WELCOME, PROFILE, EXAM, and LOGOUT. The 'PROFILE' option is currently selected. The main content area contains a student profile form with the following fields:

Email	<input type="text" value="sjain.capricorn@gmail.com"/>
Name	<input type="text" value="Sahil"/> <small>middle name</small> <input type="text" value="Jain"/>
Gender	<input type="text" value="Male"/>
Date of Birth	<input type="text" value="12/26/1988"/> <small>(mm/dd/yyyy)</small>
Mobile No	<input type="text" value="8983912918"/>
Address	<input type="text" value="Shelke nagar, kothrud"/>
City	<input type="text" value="Pune"/>
State	<input type="text" value="Maharashtra"/>
Pincode	<input type="text" value="411038"/>

Next

Student Profile Page 2

Placement Consultancy Management

WELCOME PROFILE EXAM LOGOUT

Qualifications	Batch	Board/Univ	Percentage
SSC	2005	CBSE	72 %
HSC Science	2007	CBSE	69 %
Grad BCA	2010	GNDU	67 %
PG Agg.	2012	PU	62 %

Previous Next

Student Profile Page 3

Placement Consultancy Management

WELCOME PROFILE EXAM LOGOUT

Backlogs Subjects

Year Lag(if any) yrs

Reason for lag

Upload Photo No file chosen
(.jpg/.jpeg format file , max size 2mb)

Upload Resume No file chosen
(max size 2mb)

Exam Page



The screenshot shows a web interface for an online exam. The background features a blue maze and a globe with a yellow sunburst. The page title is "Placement Consultancy Management" in a blue serif font. A navigation menu includes "WELCOME", "PROFILE", "EXAM", and "LOGOUT". The "EXAM" menu item is highlighted. The main content area is titled "Online Exam" and contains the following text: "The duration of exam is 5 minutes. There is no order to answer a question. You may use next or previous button also. There is no negative marking. There would be total 10 Question and you have to answer all. In case of disconnection you may login again. If your exam is submitted then you would be notified on next login." Below this text is the phrase "All the Best !!!" and a "Start Exam" button.

Placement Consultancy Management

WELCOME PROFILE EXAM LOGOUT

Online Exam

The duration of exam is 5 minutes. There is no order to answer a question. You may use next or previous button also. There is no negative marking. There would be total 10 Question and you have to answer all. In case of disconnection you may login again. If your exam is submitted then you would be notified on next login.

All the Best !!!

Start Exam

Questions Page

The screenshot shows a web application interface for a placement consultancy management system. The background features a blue maze and a globe with a yellow sun. The title "Placement Consultancy Management" is displayed in a blue, cursive font at the top. Below the title is a navigation menu with four items: "WELCOME" (highlighted in a dark blue box), "PROFILE", "EXAM", and "LOGOUT".

On the right side of the main content area, there is a timer that reads "Time: 111 Seconds left".

The main content area contains a "Questions" section with the following text: "Q1. Two types of _____ are desktop computers and notebook computers." Below this text is a list of four radio button options:

- Personal Computers
- Mobile Computers
- Midrange Servers
- Mainframes

At the bottom of the question area, there are two buttons: "Previous" and "Next".

ANNEXURE 2

OUTPUT REPORTS WITH DATA

All Colleges

4/12/2013

All Colleges

<u>College Name</u>	<u>TPO Name</u>	<u>Email</u>	<u>Contact</u>
IMCC	Ms.Manasi Bhate	imcc.tpo@gmail.com	020-25440196

All Students report for particular course

Students Report

						Course		MCA	
						Batch		2012	
<u>Email</u>	<u>Name</u>	<u>Contact no</u>	<u>Ssc</u>	<u>Hsc</u>	<u>Grad</u>	<u>Pg</u>	<u>Lag</u>	<u>Placed</u>	
sjain.capricom@	Sahil Jain	12918	72	69	67	62	0	1	
arjitxaviers2004@	Arijit Ghosh	36157	73	61	82	62	0	1	
89.ankita@gmail	Ankita Ambekar	97930	70	60	61	62	0	0	
anagha.rasane@	Anagha Rasane	58371	74	69	64	65	0	0	
shreyasinha_pat	Shreya Sinha	45644	73	65	70	62	0	0	
reshu.lovely@gr	Reshu	43775	82	69	68	68	0	0	

Eligible Students report

Students Report

4/12/2013		Report of all Eligible Students		Company Name	Technotronix Pvt Ltd
				Course	MCA
				Batch	2012
Name		Email		Pg Aggregate	
Anagha	Rasane	anagha.rasane@gmail		65	
Ankita	Ambekar	89.ankita@gmail.com		62	
Arijit	Ghosh	arijitkaviers2004@gma		62	
Reshu		reshu.lovely@gmail.co		68	
Sahil	Jain	sjain.capricorn@gmail.		62	

All Courses report

4/12/2013

All Courses

<u>Course Name</u>	<u>Batch</u>
MCA	2012

All Companies report

4/12/2013

All Companies

<u>Name</u>	<u>Hr_name</u>	<u>Email</u>	<u>Hr_contact</u>
Technotronix Pvt Ltd	Ajay Jayagond	ajay@technotronix.co.in	7709197930

All Non-placed students report

Students Report

4/12/2013		Report of all the Non-Placed Students			Course MCA		Batch 2012	
Email	Name	Contact no	Sec	Hsc	Grad	Pg	Lag	
89.ankita@gmail	Ankita Ambekar	97930	70	60	61	62	0	
anagha.rasane@	Anagha Rasane	58371	74	69	64	65	0	
shreyasinha_pat	Shreya Sinha	45644	73	65	70	62	0	
reshu.lovely@gr	Reshu	43775	82	69	68	68	0	

All placed students report

Students Report

4/12/2013

Report of all Placed Students

<u>Fname</u>	<u>Lname</u>	<u>Email</u>	<u>Company Name</u>	<u>Course</u>	<u>Batch</u>
Arijit	Ghosh	arijtxaviers2004@gmail.	Technotronix Pvt Ltd	MCA	2012
Sahil	Jain	sjain.capricorn@gmail.c	Technotronix Pvt Ltd	MCA	2012

ANNEXURE 3

SAMPLE PROGRAM CODE

```

using System;
using System.Collections;
using System.Configuration;
using System.Data;
using System.Linq;
using System.IO;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

namespace pcm.student
{
    public partial class profile : System.Web.UI.Page
    {
        public string filepath1 = "";
        public string filepath2 = "";

        protected void Button1_Click(object sender, EventArgs e)
        {
            if (FileUpload1.HasFile)
            {
                string FileName =
Path.GetFileName(FileUpload1.PostedFile.FileName);
                string Extension =
Path.GetExtension(FileUpload1.PostedFile.FileName);
                if (Extension != ".jpg" && Extension != ".jpeg" &&
FileUpload1.PostedFile.ContentLength > 2048)
                {
                    Response.Write("<script>alert('Plz upload a valid
file');</script>");
                    return;
                }
            }
        }
    }
}

```



```

    }
    string FolderPath = "~/student/dp/" + TextBox1.Text +
Extension.ToString();
    filepath1 = Server.MapPath(FolderPath);
    FileUpload1.SaveAs(filepath1);

}
}

protected void Button2_Click(object sender, EventArgs e)
{
    if (FileUpload2.HasFile)
    {
        string FileName =
Path.GetFileName(FileUpload2.PostedFile.FileName);
        string Extension =
Path.GetExtension(FileUpload2.PostedFile.FileName);
        // string FolderPath =
ConfigurationManager.AppSettings["FolderPath"];
        if (Extension != ".doc" && Extension != ".docx" &&
Extension != ".txt" && FileUpload2.PostedFile.ContentLength >
2048)
        {
            Response.Write("<script>alert('Plz upload a valid
file');</script>");
            return;
        }
        string FolderPath = "~/student/resume/" + TextBox1.Text
+ Extension.ToString();
        filepath2 = Server.MapPath(FolderPath);
        FileUpload1.SaveAs(filepath2);

    }
}
}

```

```

protected void Wizard1_FinishButtonClick(object sender,
WizardNavigationEventArgs e)
{

    if (FileUpload1.HasFile)
    {

        string FileName =
Path.GetFileName(FileUpload1.PostedFile.FileName);
        string Extension =
Path.GetExtension(FileUpload1.PostedFile.FileName);
        // string FolderPath =
ConfigurationManager.AppSettings["FolderPath"];
        if (Extension != ".jpg" && Extension != ".jpeg" &&
FileUpload1.PostedFile.ContentLength > 2048)
        {
            Response.Write("<script>alert('Plz upload a valid
file');</script>");
            return;
        }
        string FolderPath = "~/student/dp/" + TextBox1.Text +
Extension.ToString();
        filepath1 = Server.MapPath(FolderPath);
        FileUpload1.SaveAs(filepath1);
    }

    if (FileUpload2.HasFile)
    {

        string FileName =
Path.GetFileName(FileUpload2.PostedFile.FileName);
        string Extension =
Path.GetExtension(FileUpload2.PostedFile.FileName);
        // string FolderPath =
ConfigurationManager.AppSettings["FolderPath"];

```

```

        if (Extension != ".doc" && Extension != ".docx" &&
FileUpload2.PostedFile.ContentLength > 2048)
        {
            Response.Write("<script>alert('Plz upload a valid
file');</script>");
            return;
        }
        string FolderPath = "~/student/resume/" + TextBox1.Text
+ Extension.ToString();
        filepath2 = Server.MapPath(FolderPath);
        FileUpload1.SaveAs(filepath2);
    }

// inserting into table

SqlConnection cn;
SqlCommand cm;

cn = new
SqlConnection(ConfigurationManager.ConnectionStrings["pcm_db
ConnectionString"].ConnectionString);
cn.Open();

string tname = "Student_details";
try
{
    string qry = "insert into " + tname +
"(rollno,email,fname,mname,lname,gender,dob,mob_no,address,city
,state,pin,ssc_batch,ssc_board,ssc_marks,hsc_stream,hsc_batch,hsc_
board,hsc_marks,grad_stream,grad_batch,grad_univ,grad_marks,pg
_batch,pg_univ,pg_agg,lag_year,lag_reason,no_of_backlog,no_of_it
,no_of_placement,photo,resume)";

```

```

        qry +=
"values(@rollno,@email,@fname,@mname,@lname,@gender,@do
b,@mob_no,@address,@city,@state,@pin,@ssc_batch,@ssc_board
,@ssc_marks,@hsc_stream,@hsc_batch,@hsc_board,@hsc_marks,
@grad_stream,@grad_batch,@grad_univ,@grad_marks,@pg_batch,
@pg_univ,@pg_agg,@lag_year,@lag_reason,@no_of_backlog,@n
o_of_it,@no_of_placement,@photo,@resume)";
        cm = new SqlCommand(qry, cn);
        cm.Prepare();
        cm.Parameters.AddWithValue("@rollno",
Convert.ToInt32(TextBox1.Text.Trim()));
        cm.Parameters.AddWithValue("@email",
Session["email"].ToString());
        cm.Parameters.AddWithValue("@fname",
TextBox2.Text.Trim().ToUpper());
        cm.Parameters.AddWithValue("@mname",
TextBox3.Text.Trim().ToUpper());
        cm.Parameters.AddWithValue("@lname",
TextBox4.Text.Trim().ToUpper());
        cm.Parameters.AddWithValue("@gender",
DropDownList1.SelectedValue.ToString());
        cm.Parameters.AddWithValue("@dob",
TextBox5.Text.Trim());
        cm.Parameters.AddWithValue("@mob_no",
Convert.ToDouble(TextBox6.Text.Trim()));
        cm.Parameters.AddWithValue("@address",
TextBox7.Text.Trim());
        cm.Parameters.AddWithValue("@city",
TextBox8.Text.Trim());
        cm.Parameters.AddWithValue("@state",
TextBox9.Text.Trim());
        cm.Parameters.AddWithValue("@pin",
Convert.ToInt32(TextBox10.Text.Trim()));

        cm.Parameters.AddWithValue("@ssc_batch",
Convert.ToInt32(TextBox11.Text.Trim()));

```

```
        cm.Parameters.AddWithValue("@ssc_board",  
TextBox12.Text.Trim());  
        cm.Parameters.AddWithValue("@ssc_marks",  
Convert.ToInt32(TextBox13.Text.Trim()));
```

```
        cm.Parameters.AddWithValue("@hsc_stream",  
DropDownList2.SelectedValue.ToString());  
        cm.Parameters.AddWithValue("@hsc_batch",  
Convert.ToInt32(TextBox14.Text.Trim()));  
        cm.Parameters.AddWithValue("@hsc_board",  
TextBox15.Text.Trim());  
        cm.Parameters.AddWithValue("@hsc_marks",  
Convert.ToInt32(TextBox16.Text.Trim()));
```

```
        cm.Parameters.AddWithValue("@grad_stream",  
DropDownList3.SelectedValue.ToString());  
        cm.Parameters.AddWithValue("@grad_batch",  
Convert.ToInt32(TextBox17.Text.Trim()));  
        cm.Parameters.AddWithValue("@grad_univ",  
TextBox18.Text.Trim());  
        cm.Parameters.AddWithValue("@grad_marks",  
Convert.ToInt32(TextBox19.Text.Trim()));
```

```
        cm.Parameters.AddWithValue("@pg_batch",  
Convert.ToInt32(TextBox20.Text.Trim()));  
        cm.Parameters.AddWithValue("@pg_univ",  
TextBox21.Text.Trim());  
        cm.Parameters.AddWithValue("@pg_agg",  
Convert.ToInt32(TextBox22.Text.Trim()));
```

```
        cm.Parameters.AddWithValue("@no_of_backlog",  
Convert.ToInt32(TextBox25.Text.Trim()));  
        cm.Parameters.AddWithValue("@lag_year",  
Convert.ToInt32(TextBox23.Text.Trim()));  
        cm.Parameters.AddWithValue("@lag_reason",  
TextBox24.Text.Trim());
```

```
        cm.Parameters.AddWithValue("@no_of_it", 0);
        cm.Parameters.AddWithValue("@no_of_placement",
Convert.ToInt32(0));
        cm.Parameters.AddWithValue("@photo", filepath1);
        cm.Parameters.AddWithValue("@resume", filepath2);
        cm.ExecuteNonQuery();
        Response.Write("<script>alert('Data Inserted
Successfully');</script>");
        Server.Transfer("logout.aspx");
    }
    catch (System.Exception ex)
    {
        Response.Write(ex.Message);
    }
    finally
    {
        cn.Close();
    }
}
```