PLACEMENT INFORMATION SYSTEM

A PROJECT REPORT

Submitted By

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Under the Supervision of
Dr. Akash Rajak
(Professor)

Submitted to

DEPARTMENT OF COMPUTER APPLICATIONS
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Uttar Pradesh-201206

(DECEMBER, 2022)

CERTIFICATE

Certified that **Vinay Gupta, Prashant Gupta, Shubham Dubey, Nishant Sharma** have carried out the project work having "**Placement Information System**" for Master of Computer Applications from Dr. A.P.J. Abdul Kalam Technical University (AKTU) (formerly UPTU), Technical University, Lucknow under my supervision. The project report embodies original work, and studies are carried out by the student himself / herself and the contents of the project report do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution.

Date: 16 Dec 2022

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This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

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Words are not enough to express my gratitude to Dr. Arun K Tripathi sir, Professor and Head, Department of Computer Applications, for his insightful comments and administrative help at various occasions.

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Finally, my sincere thanks go to my family members and all those who have directly and indirectly provided me moral support and other kind of help. Without their support, completion of this work would not have been possible in time. They keep my life filled with enjoyment and happiness.

Vinay Gupta

Prashant Gupta

Shubham Dubey

Nishant Sharma

ABSTRACT

The main objective of Placement Information System is to develop software which manages placement activities in college & makes an interactive GUI where Training & Placement Officer can manage details of all students on his console. Although such a project has a very wide scope, this project contains the most important part i.e., displaying the personal and academic information of a student and company. The students and companies are also provided with the facility of editing some fields like username and password.

The project also allows a Data Base Administrator to enter the information of a student and company which is then stored in the corresponding tables in the main database. He can also delete the student and company information after placement is over from the main database.

This project is aimed at developing an online application for the Training and Placement Department 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 can be used as an application for the training & placement officer of the college to manage the student information with regards to placement.

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CHAPTER - 1 INTRODUCTION

1.1 Project description

The placement information system project is developing an online application for the Placement Department of the college. This project is mainly used by three users. They are Faculty, Admin and Students. This system is mainly useful for the Training and Placement Officer (TPO) of the college to manage the student information with regards to placement cell.

Students logging should be able to update their information. Admin after logging in can access/search any information put up by Students. Admin send notification to all the students who are eligible and the company profile is also made available to the students.

The company visits the campus on the mutually agreed date and conducts Aptitude/Group Discussion/Seminar/Technical test/Personal Interview as a part of their preferred selection procedure. The company is expected to furnish the final list of selected students on the same day after the completion of the campus selection procedure. After that Populate the recruited and rejected students which can be visible to the students. Once a student is selected in one company, he/she will not be allowed to appear for other companies interviews as per Recruitment Policy of the college.

Students have diverse choices when applying for campus drive but get fumbled when making decisions for opting the right company. This happens because students do not have correct data on the companies and end up applying for companies through word of mouth. There are times where a student's interests can align with one company but can overlook such company due to inadequate data. Recommending companies based on user interests, helps students increase their exposure and provides them insights about variety of companies coming to their college which allows them to make wise decisions. The web application uses recommendation system takes user interests, extracts additional features from other familiar users and recommends companies to users. The system utilizes KNN algorithm to recommend and NLP for parsing and text categorization. The goal is to recommend users with companies based on the interests provided. This makes it easier for user to explore variety of companies that are appearing for campus drives.

1.2 Project Scope

The proposed system is automated that is faster than the existing manually maintained system and can handle data easily. Computerized of the details of manually maintained placement operations. The system allow administrator to control all the activities hence identifying the roles and accessibility of other users. Accurate information can be generated easily and quickly at different levels. Report can be generating easily and quickly.

1. Student Registration facility
2. Student Login
3. View Student Profile
4. Company recruitment schedule Page
5. View Recruitment Schedule
6. View Selected List of Students
7. Administrator Control Panel
8. Updates by the Administrator
9. View Updates by the Students

1.3 Modules Description

In the software there are generally three kinds of users.

ADMIN

- The placement officer basically is the admin of the system.
- Once the admin logins, they'll be able to view and delete the registered students.
- They update the list of companies available for recruitment and also updates the schedule for various recruitment drives.
- Admin will be able to update the student database with the list of students placed in various companies and their details.
- The admin maintains all the students who registered to the placements. And also maintains the details of the students who are eligible to which company placements.

FACULTY

- The faculty can view the complete details of the students who registered for the placements. If he found any data of the student is entered incorrect, then he should inform to the admin since the faculty cannot change the student details.
- They will be able to perform search operation for a particular student detail in the student database.

STUDENT

- The student who registered for the placements can view their details.
- If they found any incorrect data in the database then the student should request the Admin. And then the placement officers update the data in the database.
- After login, the student should be able to view the list of companies open for recruitment and the schedule of various recruitment drives.

1.4 Hardware / Software used in Project

Software:

- Operating System
- Code Editor: VS Code
- Front End: HTML, CSS, JavaScript, Bootstrap
- Back End: PHP, MySQL Server

Hardware:

- Intel i3 or Above
- 4GB RAM or Above
- Hard-Drive Capacity 64GB or Above

CHAPTER - 2 FEASIBILITY STUDY

2.1 Technical feasibility

When working on a production team, you have a lot of planning to do before bringing a product or service to the market. By considering every aspect of the production process, you can deliver offerings that fulfil your customers' expectations of your brand.

Along with considering how you're going to market a product; you must first figure out the logistics of making it. In this article, we explain what technical feasibility is, why it's important for the production process and how you can create a more effective technical feasibility study.

2.2 Operational Feasibility:

Operational feasibility study tests the operational scope other software to be developed. The proposed software must have high operational feasibility. The usability will be high

CHAPTER - 3 DATABASE DESIGN

3.1 Database Tables

3.1.1 Company Drives Table

#	Name	Type
1	company_name	varchar(50)
2	eligible_branches	varchar(100)
3	eligible_year	int(40)
4	criteria	varchar(40)
5	ssc	float
6	hsc	float
7	graduation	float
8	postgraduation	float
9	backlog	int(2)
10	gap	int(2)
11	job_profile	varchar(35)
12	location	varchar(50)
13	ctc	float
14	joining	varchar(30)
15	about	text
16	logo	text Media type: image/jpeg
17	link	text Media type: text/plain

3.1.2 Student Table

#	Name	Type
1	**user_id**	varchar(20)
2	**password**	decimal(20,0)
3	**name**	varchar(30)
4	**course**	varchar(30)
5	**roll_no**	decimal(20,0)
6	**email_id**	varchar(40)
7	**contact**	decimal(10,0)
8	**dob**	date
9	**classroll_no**	int(3)
10	**section**	char(2)
11	**hsc_mark**	float
12	**ssc_mark**	float
13	**graduation_mark**	float
14	**postgraduation**	float
15	**backlog**	int(2)
16	**gap**	int(2)
17	**placement_status**	varchar(5)
18	**company_name**	varchar(50)
19	**proof**	text Media type: image/jpeg

3.1.3 Faculty Table

#	Name	Type
1	**user_id**	varchar(25)
2	**name**	varchar(40)
3	**department**	varchar(50)
4	**assigned_class**	char(2)
5	**designation**	varchar(35)
6	**email**	varchar(40)
7	**password**	decimal(25,0)

3.2 ER-Model / Diagrams

The entity-relationship (ER) data model allows us to describe the data involved in a real-world enterprise term of objects and their relationships and is widely used to develop an initial database.

The ER model is important primarily for its role in database design. It provides useful concepts that allow us to move from an informal description of what users want from their database to a more detailed and precise, description that can be implemented in a DBMS. We note that many variations of ER diagrams are in use, and no widely accepted standards prevail.

The database design process can be divided into six steps. The ER model is most relevant to the first three steps:

Requirements Analysis:

The very first step in designing a database application is to understand what data is to be stored in the database, what applications must be built on top of it, and what operations are most frequent and subject to performance.

(1) Conceptual Database Design:

The information gathered in the requirements analysis step is used to develop a high-level description of the data to be stored in the database, along with the constraints that are known to hold over this data. This step is often carried out using the ER model, or a similar high-level data model, and is discussed in the rest of this chapter.

(2) Logical Database Design:

We must choose a DBMS to implement our database design, and convert the conceptual database design into a database schema in the data model of the chosen DBMS. We will only consider relational DBMS, and therefore, the task in the logical design step is to convert an ER schema into a relational database schema. The result is a conceptual schema, sometimes called the **logical schema,** in the relational data model.

Beyond the ER model:

ER model is sometimes regarded as a complete approach to designing a logical database schema. This is incorrect because the ER diagram is just an approximate description of the data, constructed through a very subjective evaluation of the information collected during requirements analysis.

(3) Schema Refinement:

The fourth step in database design is to analyse the collection of relations in our relational database schema to identify potential problems, and to refine it.

(4) Physical Database Design:

In this step we must consider typical expected workloads that our database must support and further refine the database design to ensure that it meets desired.

(5) Security Design

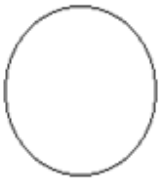
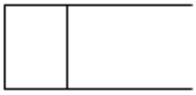
In this step, we identify different user groups and different **roles** played by various users (e.g., the development for a product, the customer support representatives, the product manager).

Entities, Attributes and Entity sets:

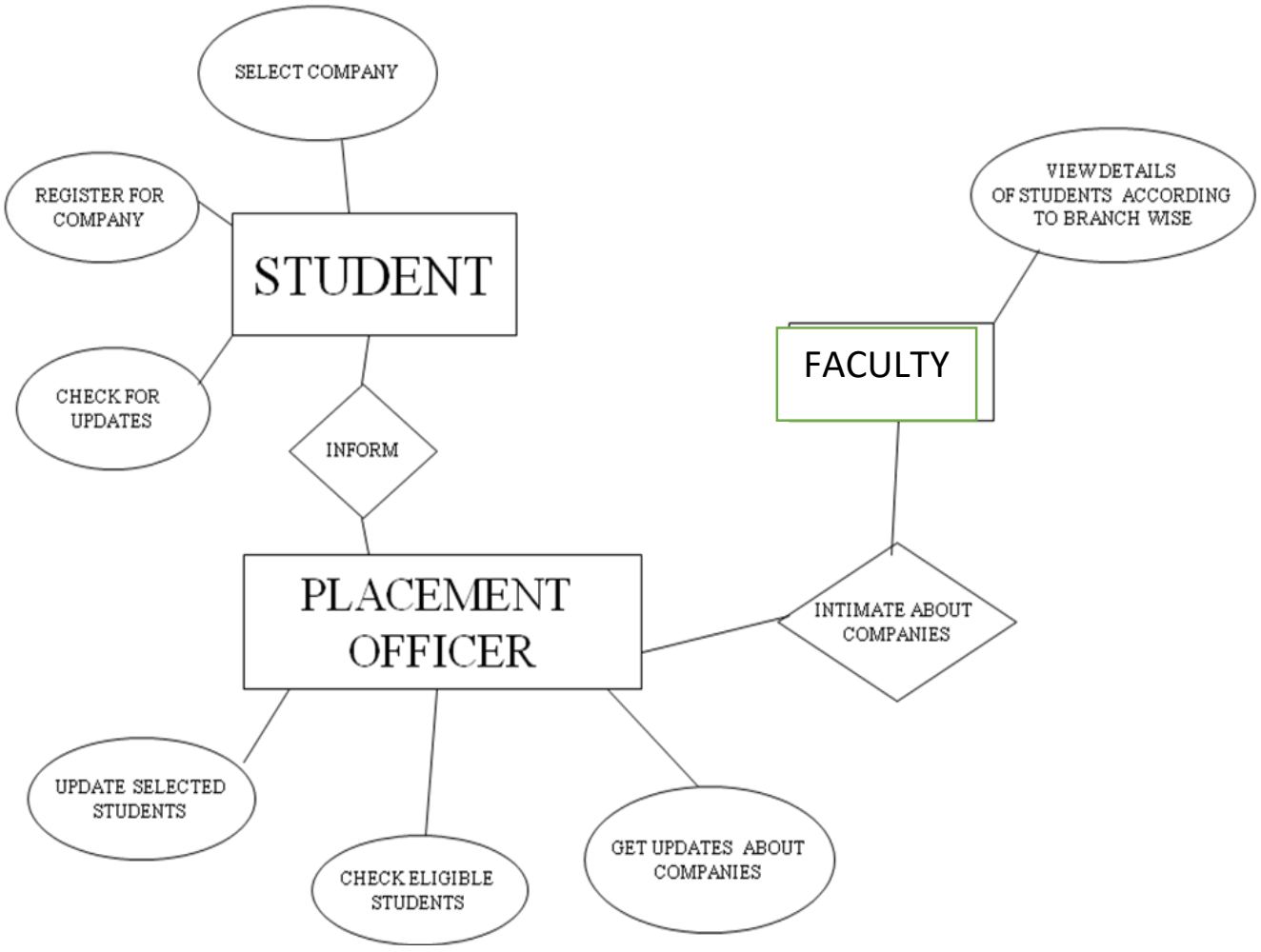
An **entity** is an object in the real world that is distinguishable from other objects manager of the toy department, the home address of the manager of the toy department. It is often useful to identify a collection of similar entities. Such a collection is called an **entity set**. Examples include the following: the Green Dragonwort toy, the toy department, the performance criteria.

An entity is described by set of **attributes**. All entities in a given entity set have the same attribute; this is essentially what u has seen by similar. For each attribute associated with an entity set, we must identify a **domain** of possible values. A **key** is a minimal set of attributes whose values uniquely identify an entity in the set. There could be more than one **candidate** key.

Data flow diagrams (DFDs) use a number of symbols to represents systems. Most data flow modelling methods use four kinds of symbols to represent four kinds of system components: Processes, data stores, data flows and external entities (source or destination of data). The symbols that are used to represent the DFD are as follows: -

Symbol	Meaning
	Source or Destination of data
	Data flow
	Process that transforms data flow
	Data store

ER Diagram



3.3 UML Diagrams

A diagram is a graphical representation of a set of elements. The various diagrams in UML are as follows:

Class Diagram

A class diagram shows a set of classes, interfaces, and collaborations and their relationships. Class diagrams address the static design view of a system. Class diagrams that include active classes address the static process view of a system.

A class is a description of a set of objects that share the same attributes, operations, relationships, and semantics. A class implements on or more interfaces.

Use case Diagram

A use case diagram shows a set of use cases and Actors (a special kind of class) and their relationships. Use case diagrams address the static use case view of a system. These diagrams are especially important in organizing and modelling the behaviours of a system.

Sequence Diagram

A sequence diagram is a visual representation of a scenario. A sequence diagram shows the various actors in the scenario, and the way they interact with all the subsystems.

Collaboration Diagram

A collaboration diagram is an interaction diagram that emphasizes the structural organization of the objects that send and receive messages. Collaboration diagram address the dynamic view of a system.

Unified Modelling Language:

UML is a method for describing the system architecture in details using the blueprint. UML represents a collection of best engineering practices that have proven successful in the modelling of large and complex systems. The UML is a very important part of developing objects-oriented software and the software development process. The UML uses mostly graphical notations to express the design of software projects. Using the UML helps project teams communicate, explore potential designs, and validate the architectural design of the software

Definition

UML is a general-purpose visual modelling languages that is used to specify, visualize, construct, and document the artifacts of the software systems.

UML Specifying: Specifying means building models that are precise, unambiguous and complete. In particular, the UML address the specification of all the important analysis, design and implementation decisions that must be made in developing and displaying a software intensive system.

UML Visualization

The UML includes both graphical and textual representation. It makes easy to visualize the system and for better understanding.

UML Constructing

UML models can be directly connected to a variety of programming languages and it is sufficiently expressive and free from any ambiguity to permit the direct execution of models.

UML Documentation

UML provides variety of documents in addition raw executable codes. A UML system is represented using five different views that describe the system from distinctly different perspective. Each view is defined by a set of diagrams, which is as follows.

- ❖ User Model View
  - This view represents the system from the user's perspective.
  - The analysis representation describes the usage scenario from the end-user's perspective.
- ❖ Structural model view
  - In this model the data and functionality are arrived from inside the system.
  - This model view models the static structures.
- ❖ Behavioural model view
  - It represents the dynamic of behavioural as parts of the system, depicting the interactions of collection between various structural elements described in the user model and structural model view.
- ❖ Implementation model view
  - In this the structural and behavioural as parts of the system are represented as they are to be built.
- ❖ Environmental model view
  - In this structural and behavioural aspects of the environment in which the system is to be implemented are represented.

Goal of UML:

- The primary goals in the design of the UML were:
- Provide users with a ready-to-use, expressive visual modelling language so they can develop and exchange meaningful models.
- Provide extensibility and specialization mechanism to extend the core concepts.
- Be independent of particular programming language and development processes.
- Provide a formal basis for understanding the modelling language.
- Encourage the growth of the OO tools market.
- Support higher-level development concepts such as collaborations, frame works, patterns and components.
- Integrate best practices

Uses of UML:

The UML is intended primarily for software intensive systems. It has been used effectively for such domains as

- Enterprise Information System
- Banking and Financial Services

- Telecommunications
- Transportation
- Défense/Aerospace
- Retails
- Medical Electronics
- Scientific Fields
- Distributed Web
-

Rules of UML:

The UML has semantic rules for

- NAMES: It will call things, relationships and diagrams.
- SCOPE: The content that gives specific meaning to a name.
- VISIBILITY: How those names can be seen and used by others.
- INTEGRITY: How things properly and consistently relate to another.
- EXECUTION: What it means is to run or simulate a dynamic model.

Building blocks of UML:

The vocabulary of the UML encompasses 3 kinds of building blocks

1. Things
2. Relationships
3. Diagrams

Things:

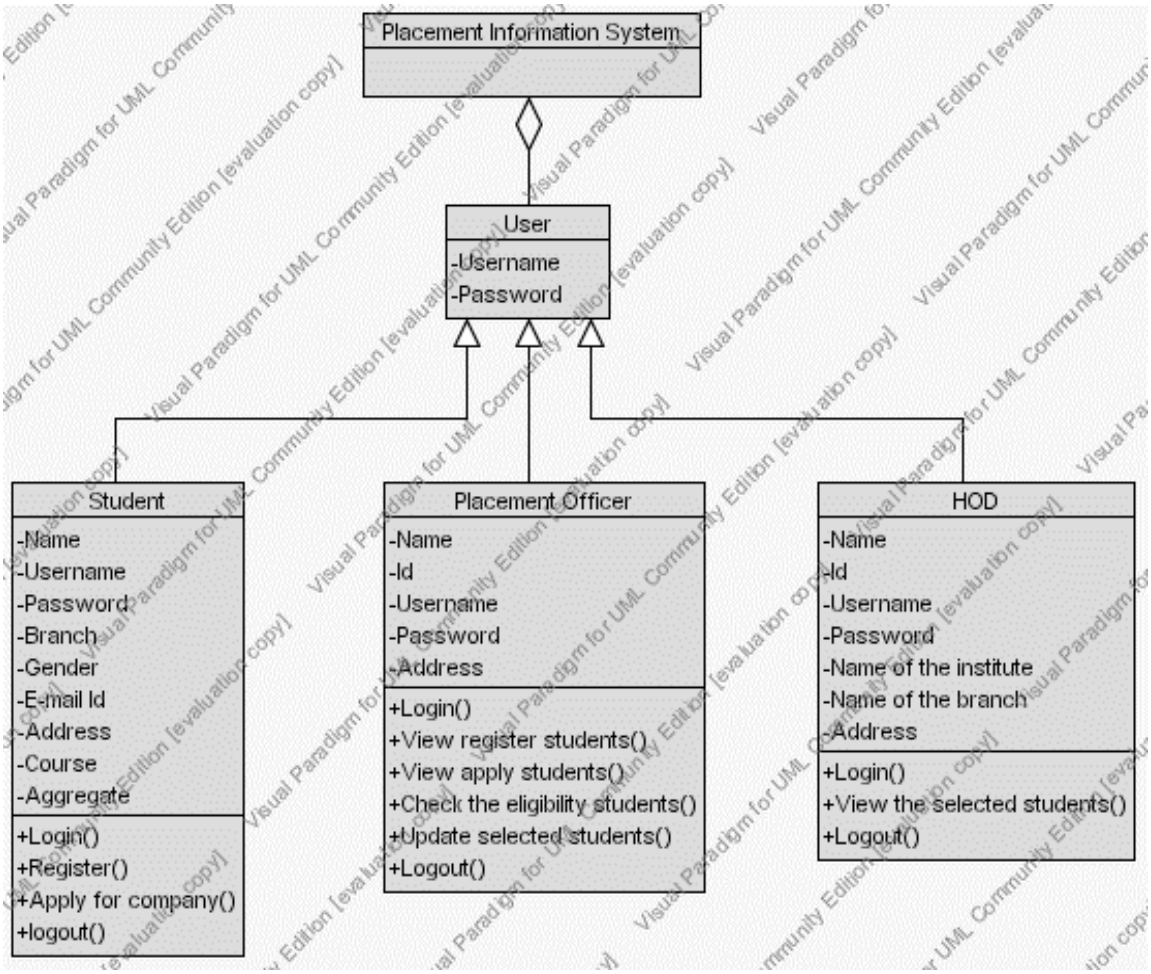
- Things are the data abstractions that are first class citizens in a model. Things are of four types
- Structural Things
- Behavioural Things
- Grouping Thing
- A notational Things

Relationships:

- Relationships tie the things together. Relationships in the UML are
- Dependency
- Association
- Generalization
- Specialization

3.3.1 Class Diagram:

A class diagram shows a set of classes, interfaces, and collaborations and their relationships. Class diagrams address the static design view of a system. Class diagrams that include active classes address the static process view of a system. A class is a description of a set of objects that share the same attributes, operations, relationships, and semantics. A class implements on or more interfaces.

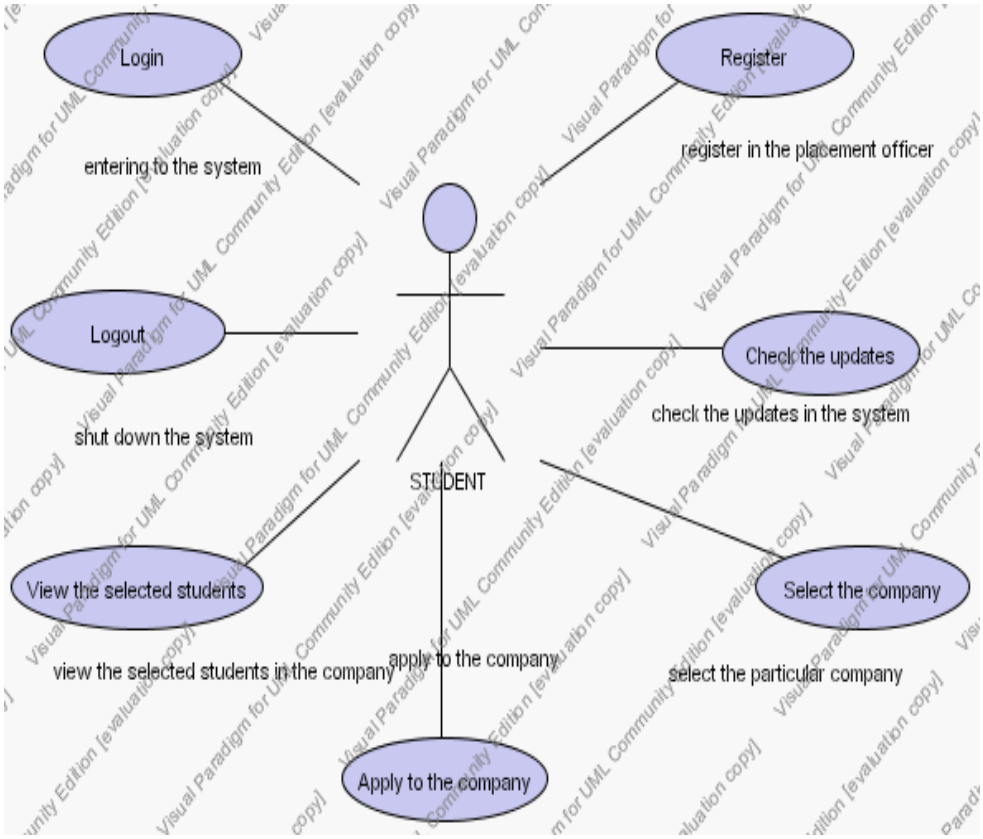


3.3.2 Use Case Diagram:

A Use Case diagram shows a set of use cases and actors and their relationships. Use Case diagrams address the static view of a system. These diagrams are especially important in organizing and modelling the behaviours of a system. Use Case diagram consists of use case, actors, and their relationships between them.

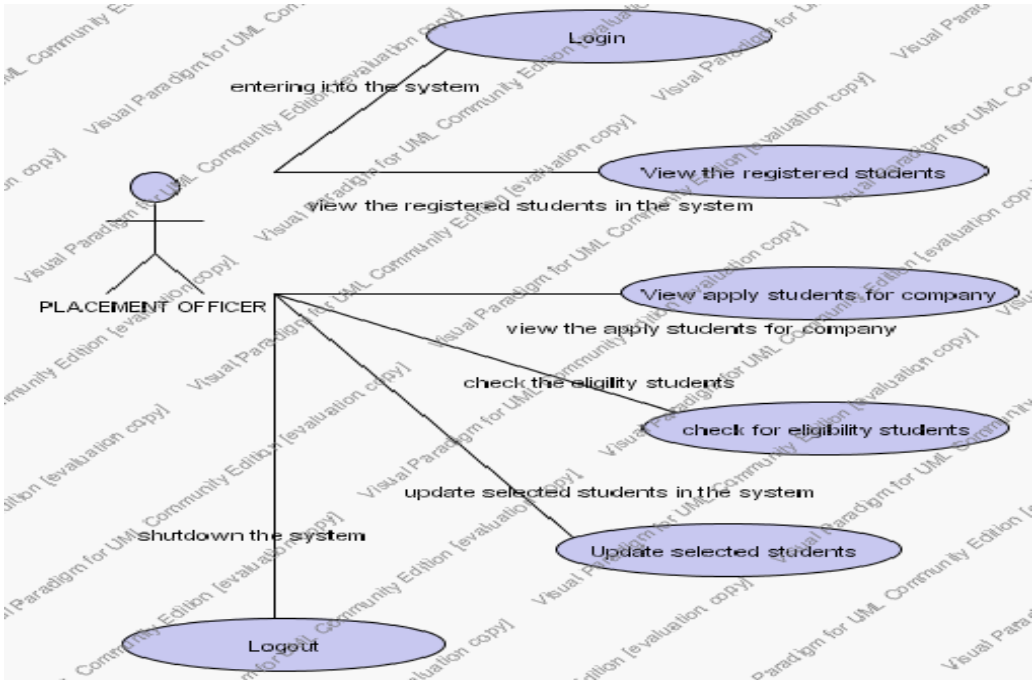
Use case Diagram for Student Module:

This diagram represents the different use cases that are present in the Student Module



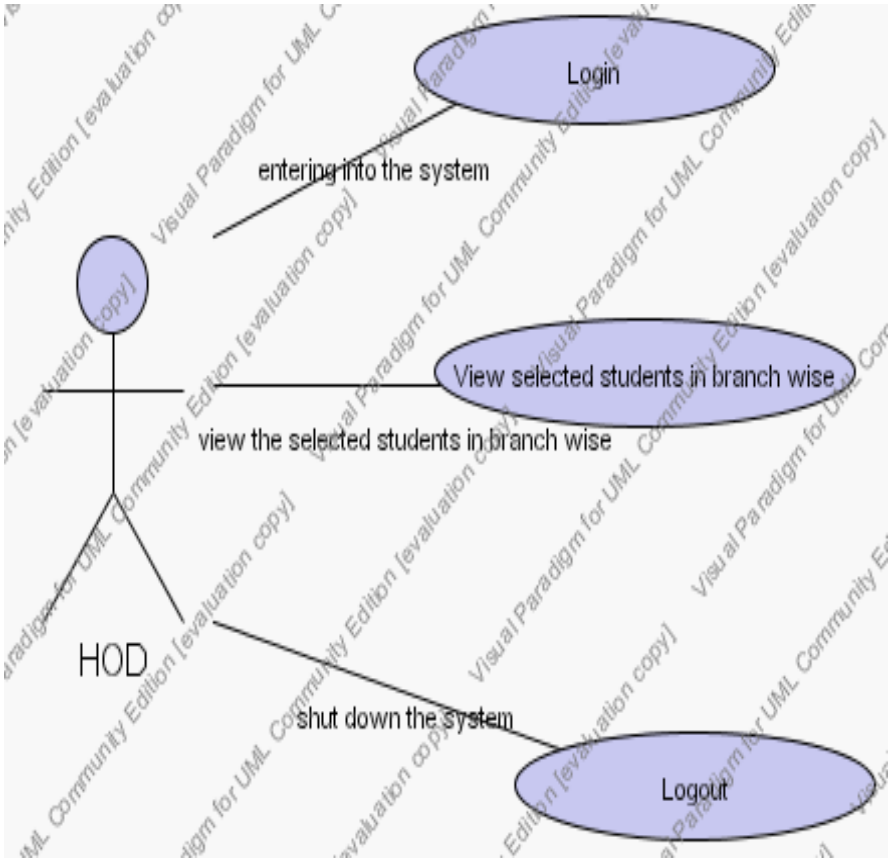
Use case Diagram for Placement Officer/Admin Module:

This Diagram represents the different use cases that are present in the Placement Officer Module.



Use case Diagram for Faculty Module:

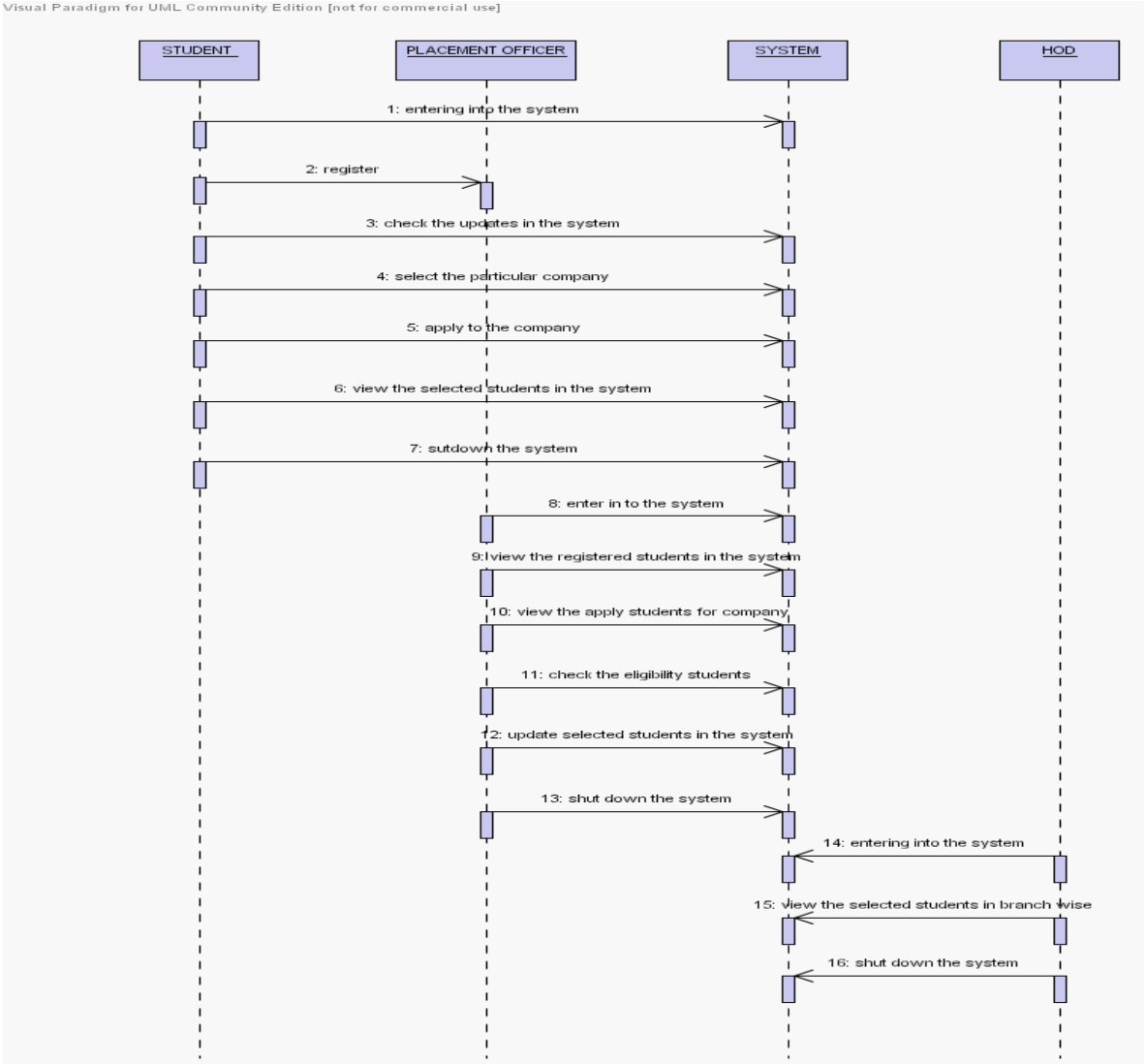
This Diagram represents the different use cases that present in the HOD Module.



3.3.3 Sequence Diagram

The sequence diagram is an interaction diagram that emphasizes the time ordering of messages for modelling a real time system. Graphically, a sequence diagram is a table that shows objects arranged along the X-axis and messages, ordered in increasing time, along the Y-axis. Sequence Diagram consists of objects, links, lifeline, focus of control, and messages.

- It has two features they are:
- This is the object life time
- There is the focus of control

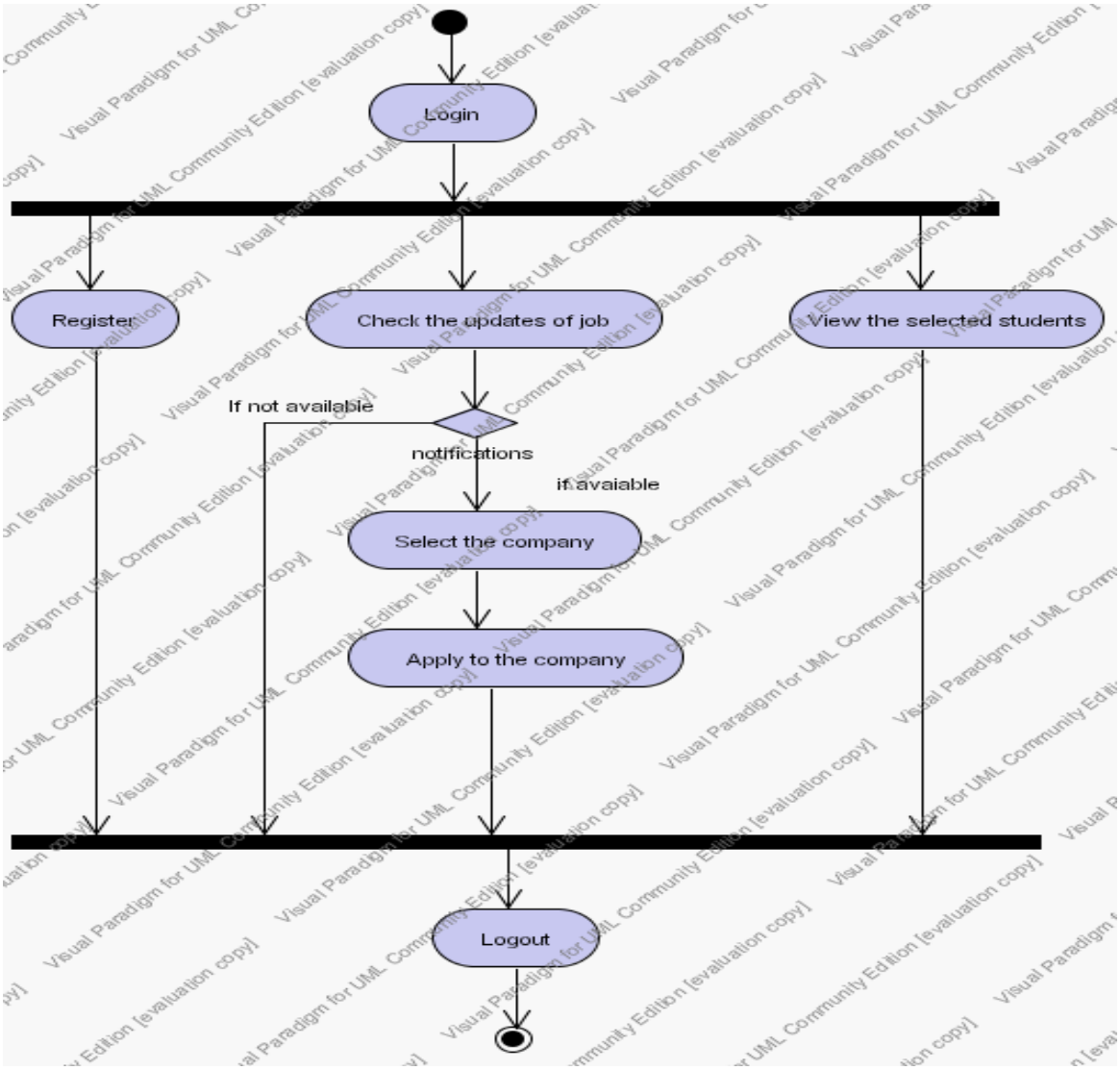


3.3.4 Activity Diagram:

An activity diagram is a special type of state chart diagram. It usually depicts the flow of events within an object. An activity diagram addresses the dynamic view of a system. They are especially important in modelling the function of a system and emphasize the flow of control among objects.

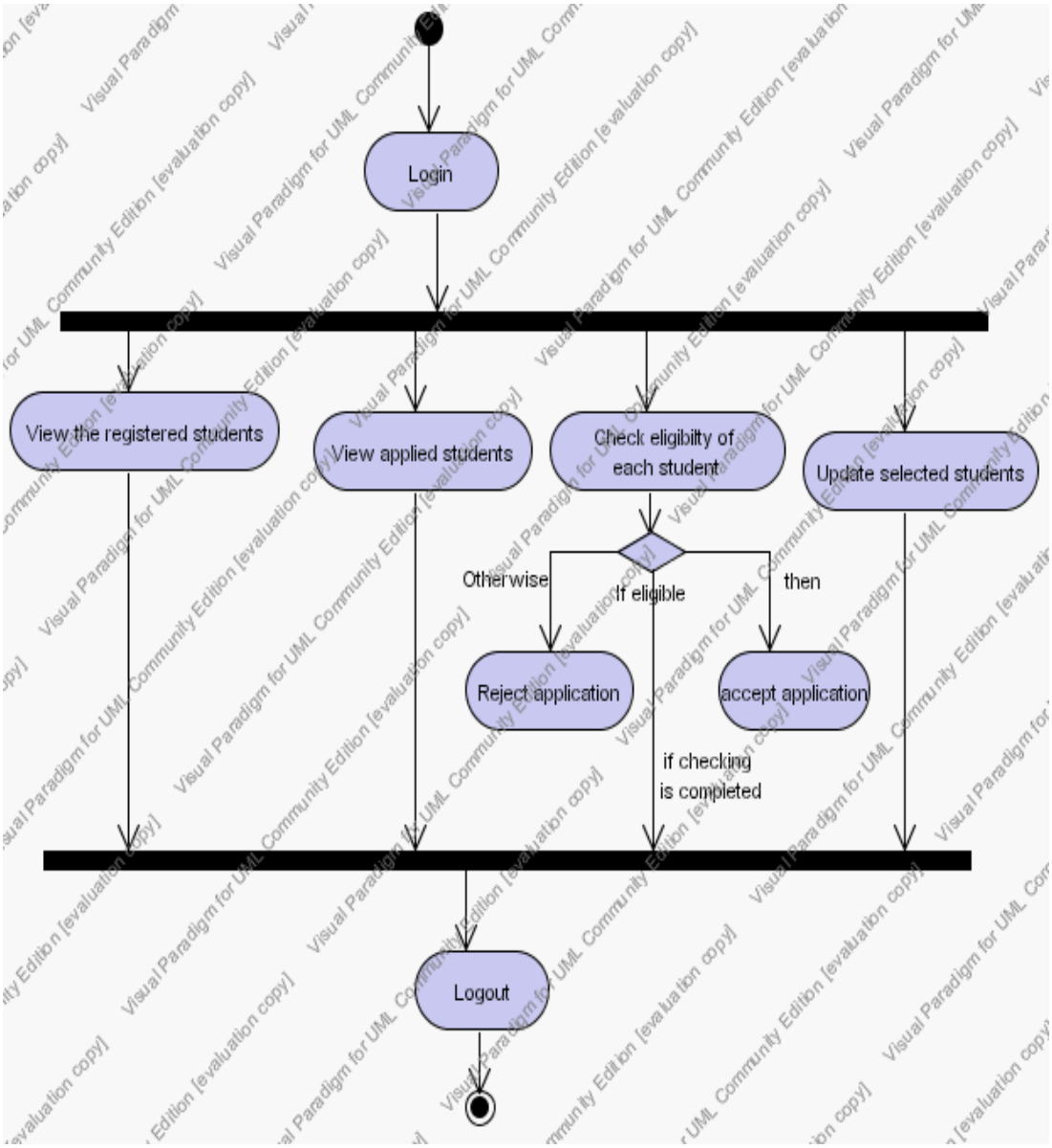
Activity Diagram for Student Module:

This Diagram shows the different activities that are held by the people. Activity diagram of the student login module describes the actions that are performed by the student.



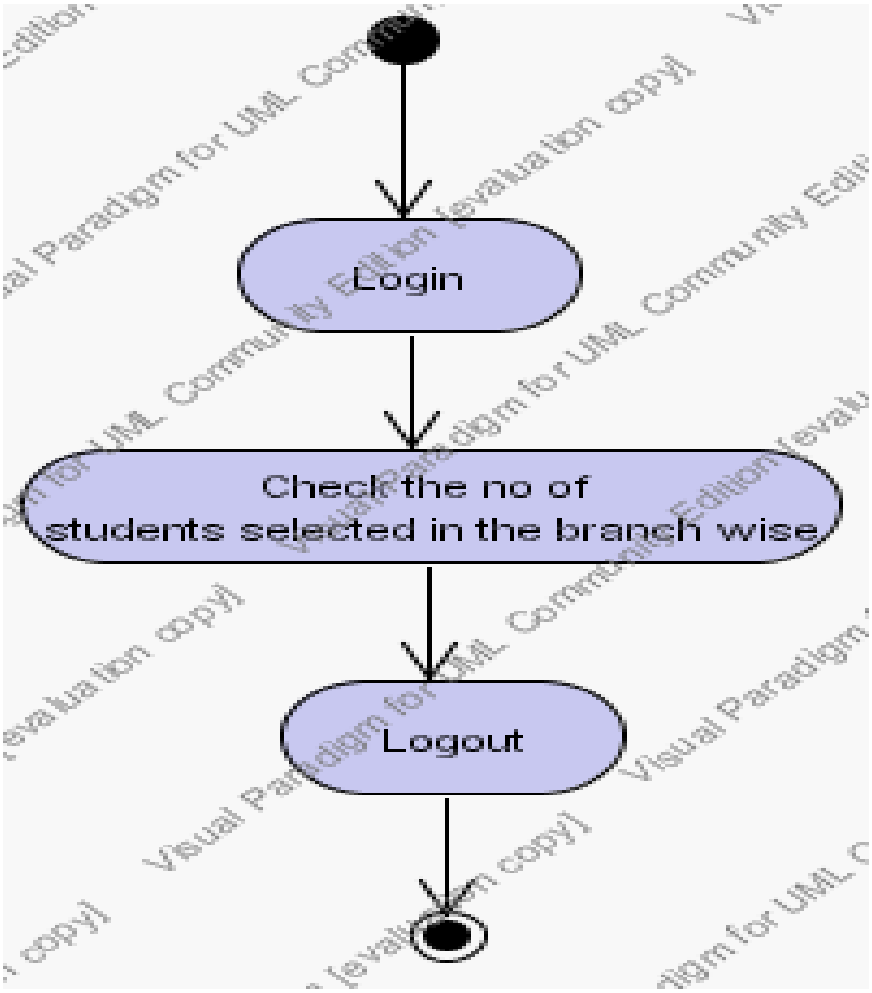
Activity Diagram for Placement Officer/Admin Module:

Activity Diagram for the Placement Officer module describes the activities that are performed by the Placement Officer.



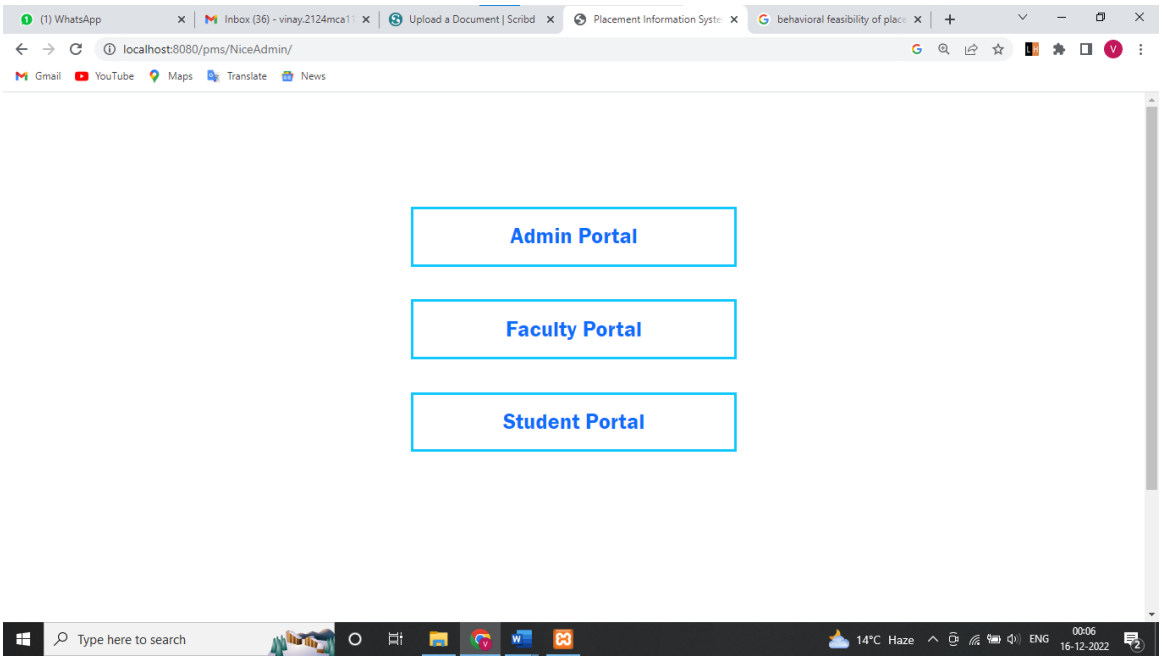
Activity Diagram for FACULTY Module:

Activity Diagram for the Faculty module describes the activities that are performed by the HOD.

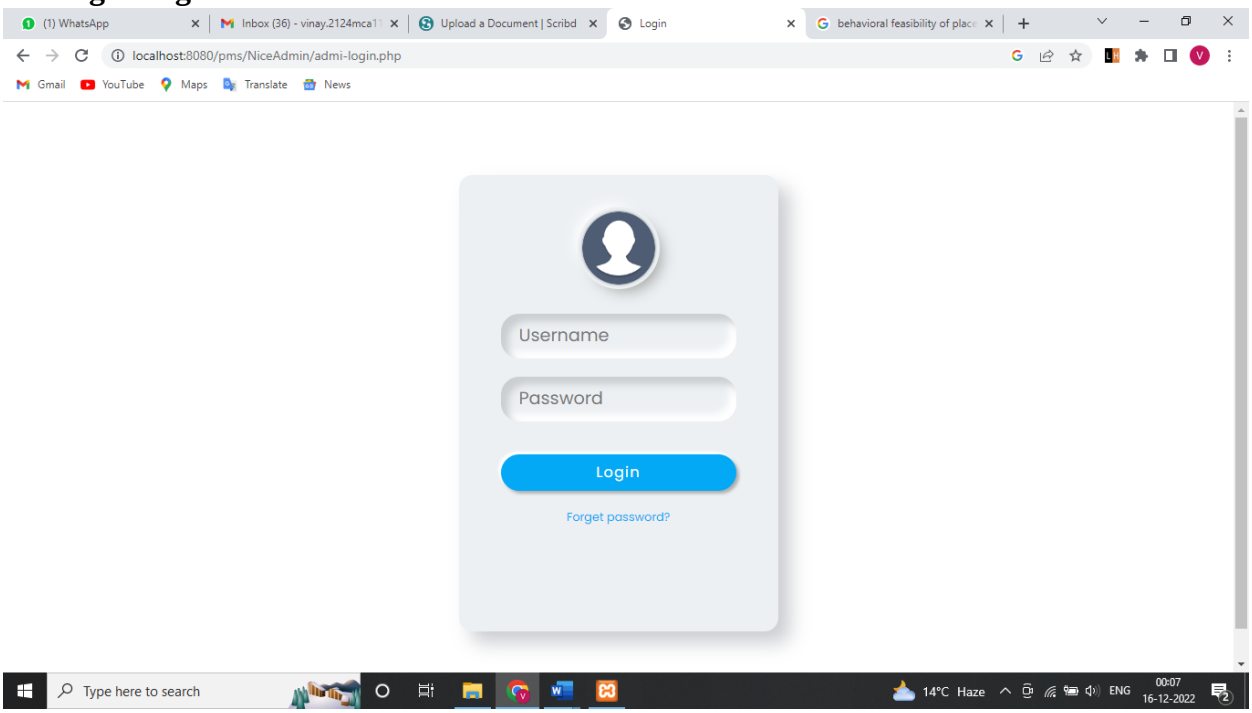


CHAPTER - 4 UI DESIGNS

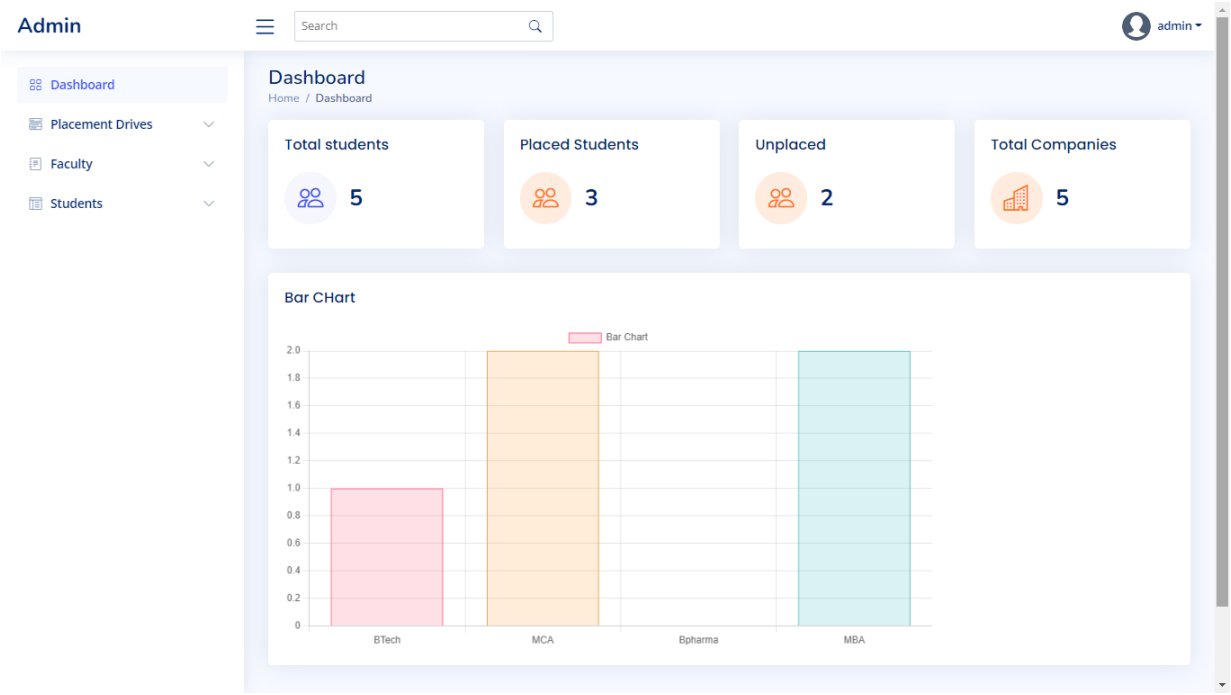
4.1 Index Page

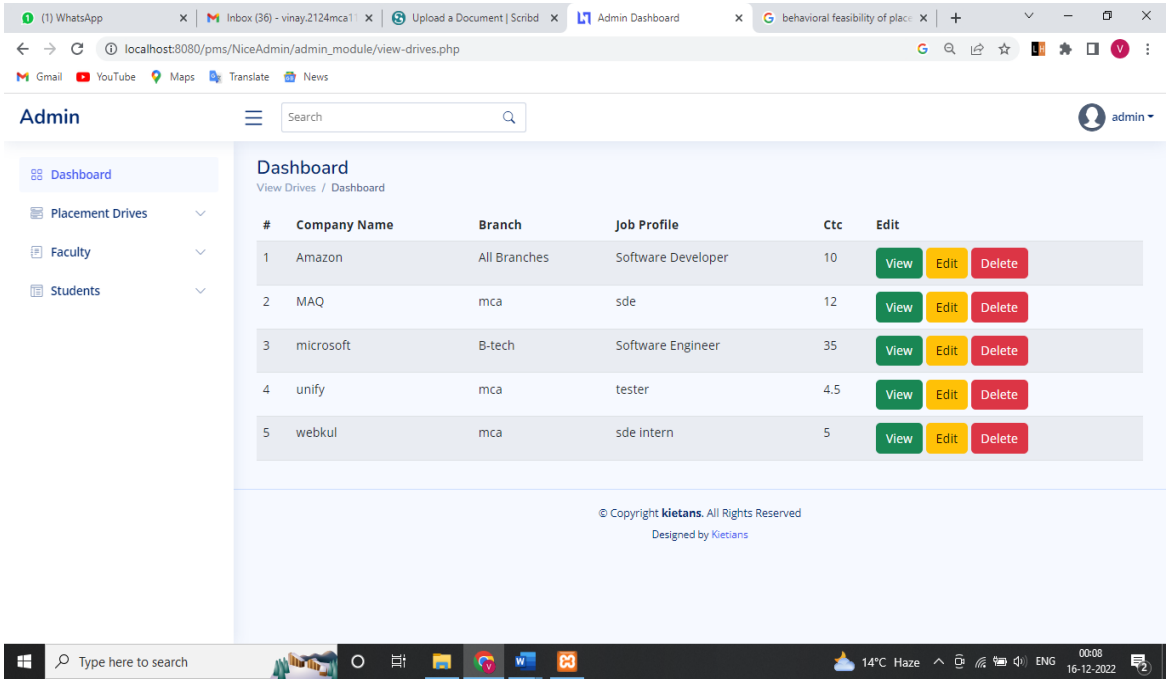


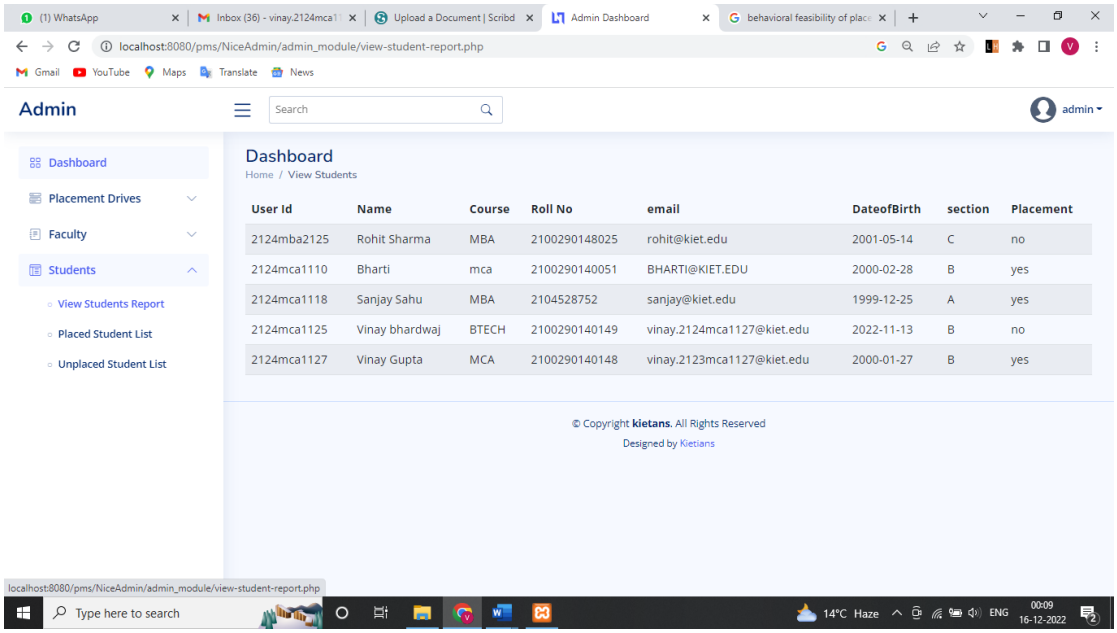
4.2 Login Page



4.3 Admin Dashboard






Admin
Search
admin
Dashboard
Placement Drives
Faculty
Students
View Students Report
Placed Student List
Unplaced Student List
Dashboard
Home / View Students
User Id | Name | Course | Roll No | email | DateofBirth | section | Placement
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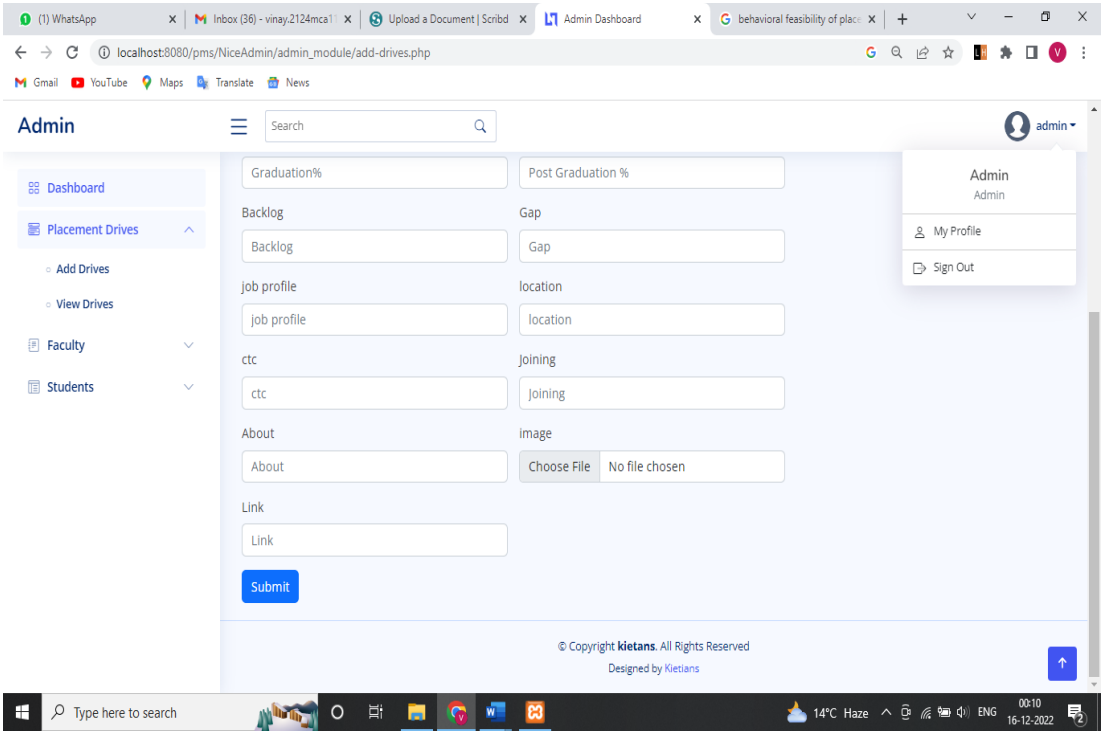
Admin
Search
admin
Dashboard
Placement Drives
Add Drives
View Drives
Faculty
Students
Graduation%
Post Graduation %
Backlog
Gap
job profile
location
ctc
Joining
About
image
Choose File
No file chosen
Link
Submit
Admin
Admin
My Profile
Sign Out
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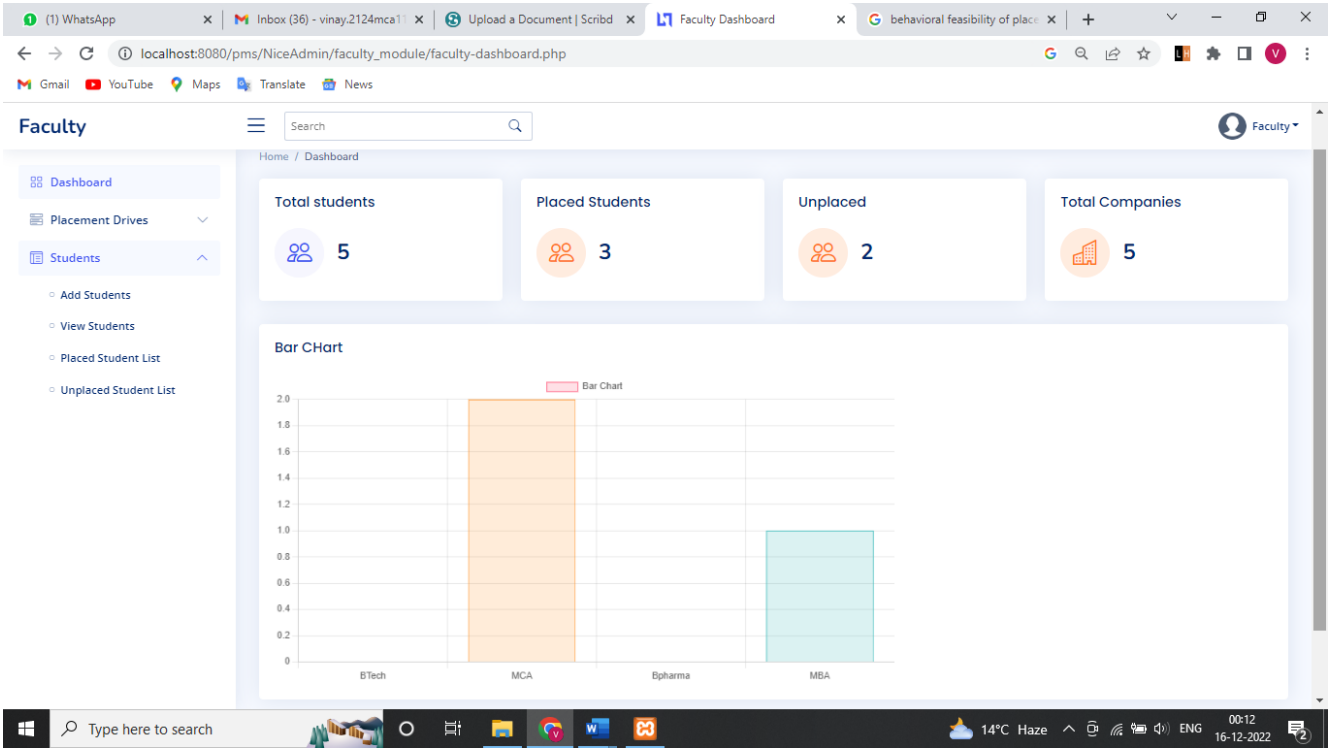
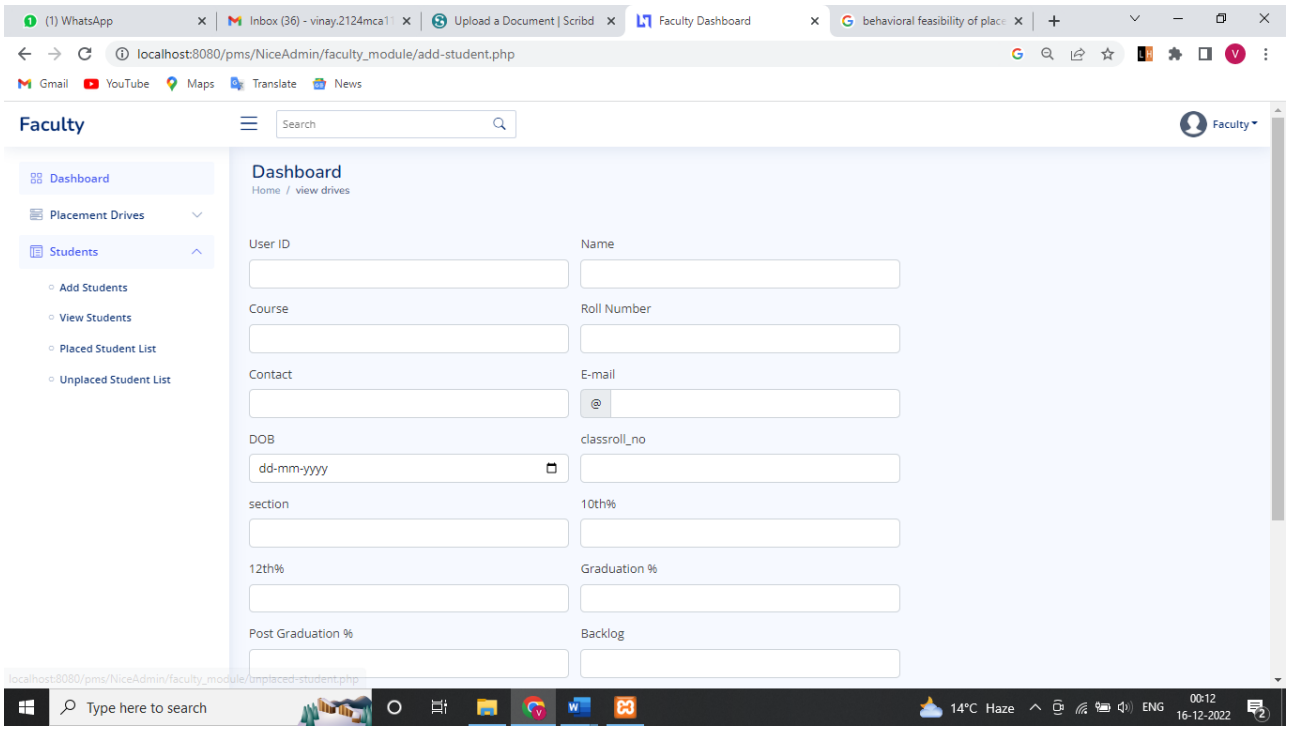
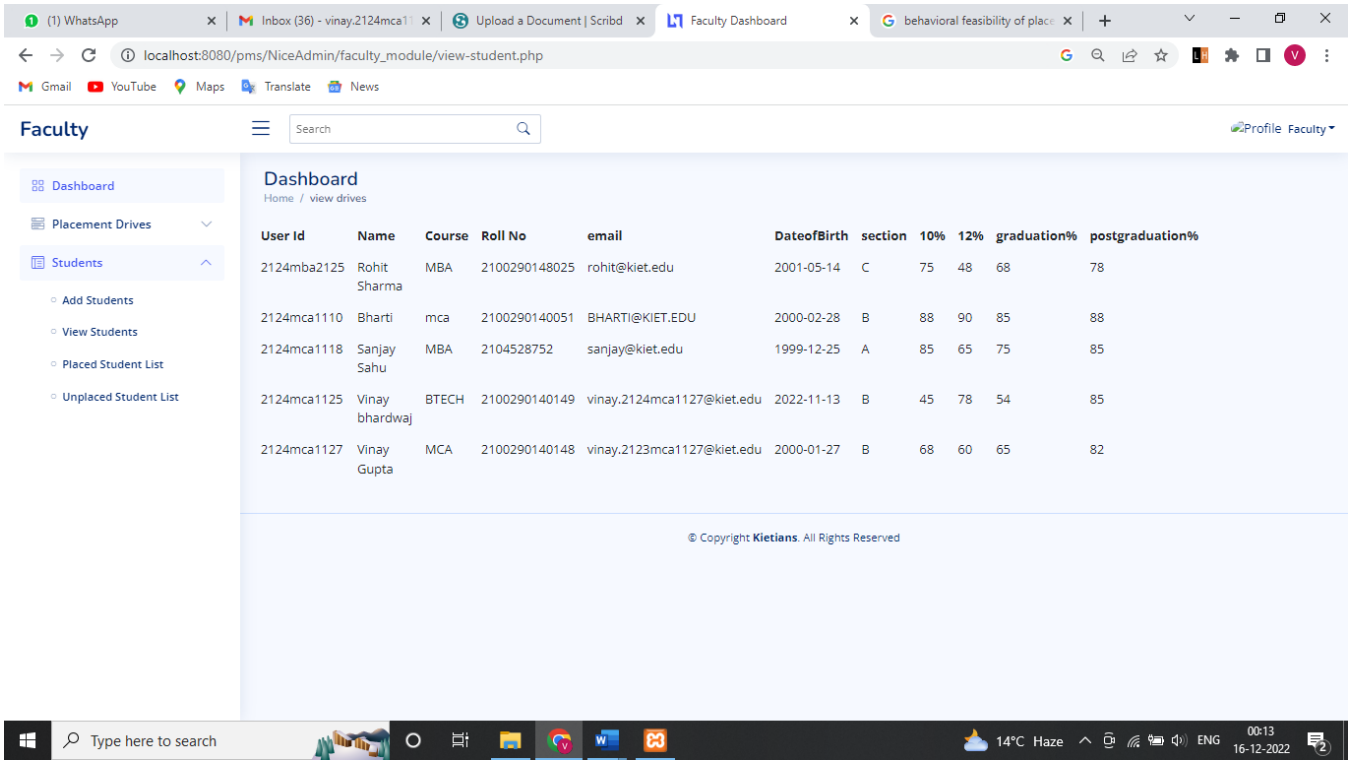
4.4 Faculty Dashboard






(1) WhatsApp
Inbox (36) - vinay.2124mca1
Upload a Document | Scribd
Faculty Dashboard
behavioral feasibility of place
localhost:8080/pms/NiceAdmin/faculty_module/view-student.php
Gmail
YouTube
Maps
Translate
News
Faculty
Search
Profile
Faculty
Dashboard
Placement Drives
Students
Add Students
View Students
Placed Student List
Unplaced Student List
Dashboard
Home / view drives
User Id
Name
Course
Roll No
email
DateofBirth
section
10%
12%
graduation%
postgraduation%
2124mba2125
Rohit Sharma
MBA
2100290148025
rohit@kiet.edu
2001-05-14
C
75
48
68
78
2124mca1110
Bharti
mca
2100290140051
BHARTI@KIET.EDU
2000-02-28
B
88
90
85
88
2124mca1118
Sanjay Sahu
MBA
2104528752
sanjay@kiet.edu
1999-12-25
A
85
65
75
85
2124mca1125
Vinay bhardwaj
BTECH
2100290140149
vinay.2124mca1127@kiet.edu
2022-11-13
B
45
78
54
85
2124mca1127
Vinay Gupta
MCA
2100290140148
vinay.2123mca1127@kiet.edu
2000-01-27
B
68
60
65
82
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Type here to search
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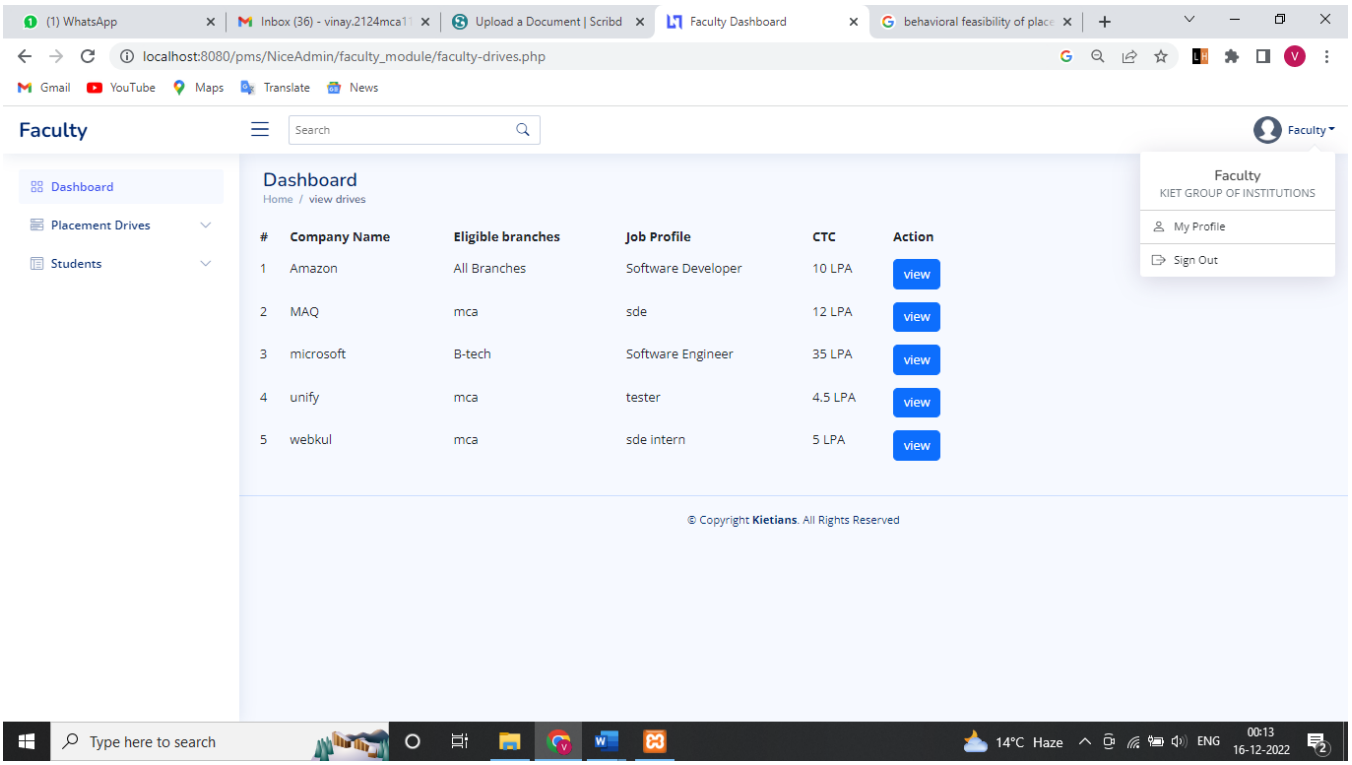
ENG
00:13
16-12-2022


(1) WhatsApp
Inbox (36) - vinay.2124mca1
Upload a Document | Scribd
Faculty Dashboard
behavioral feasibility of place
localhost:8080/pms/NiceAdmin/faculty_module/faculty-drives.php
Gmail
YouTube
Maps
Translate
News
Faculty
Search
Faculty
Dashboard
Placement Drives
Students
Dashboard
Home / view drives
Faculty
KIET GROUP OF INSTITUTIONS
My Profile
Sign Out
#
Company Name
Eligible branches
Job Profile
CTC
Action
1
Amazon
All Branches
Software Developer
10 LPA
view
2
MAQ
mca
sde
12 LPA
view
3
microsoft
B-tech
Software Engineer
35 LPA
view
4
unify
mca
tester
4.5 LPA
view
5
webkul
mca
sde intern
5 LPA
view
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Type here to search
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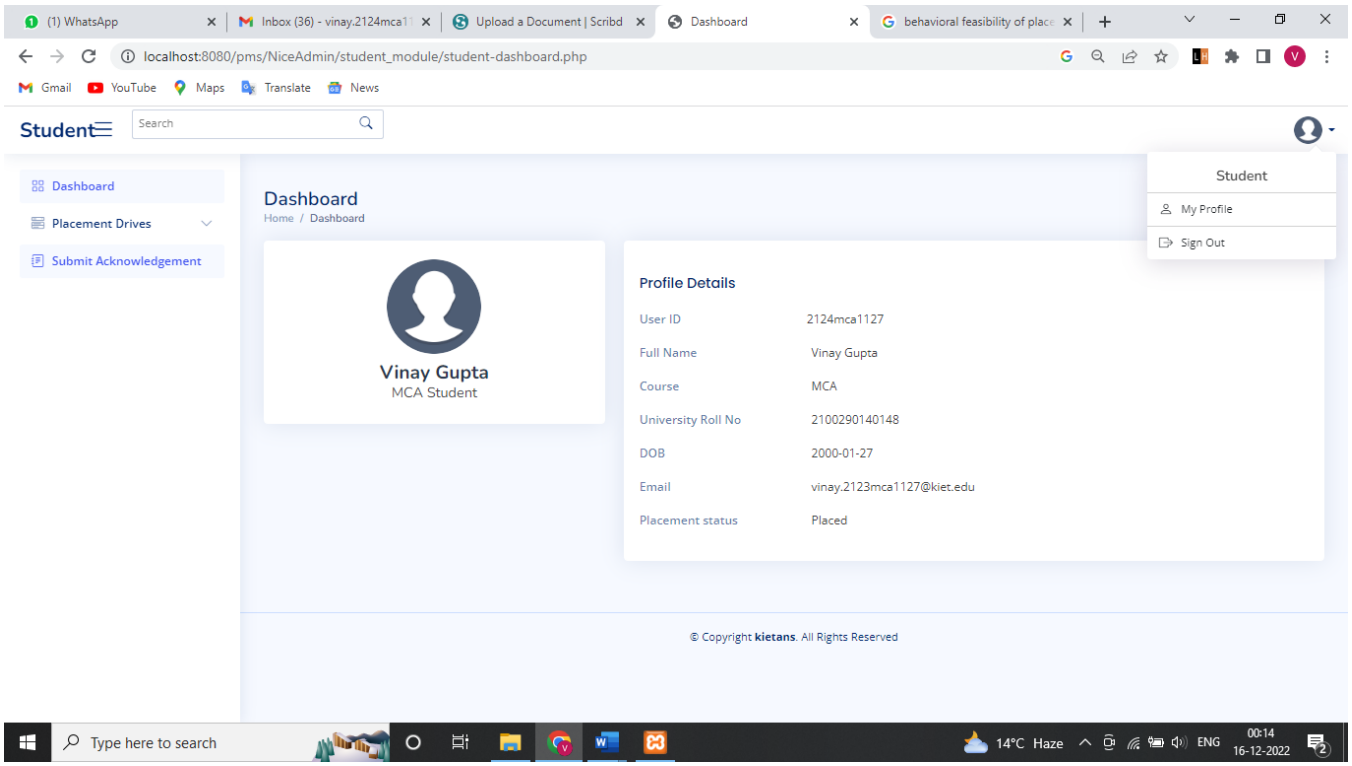
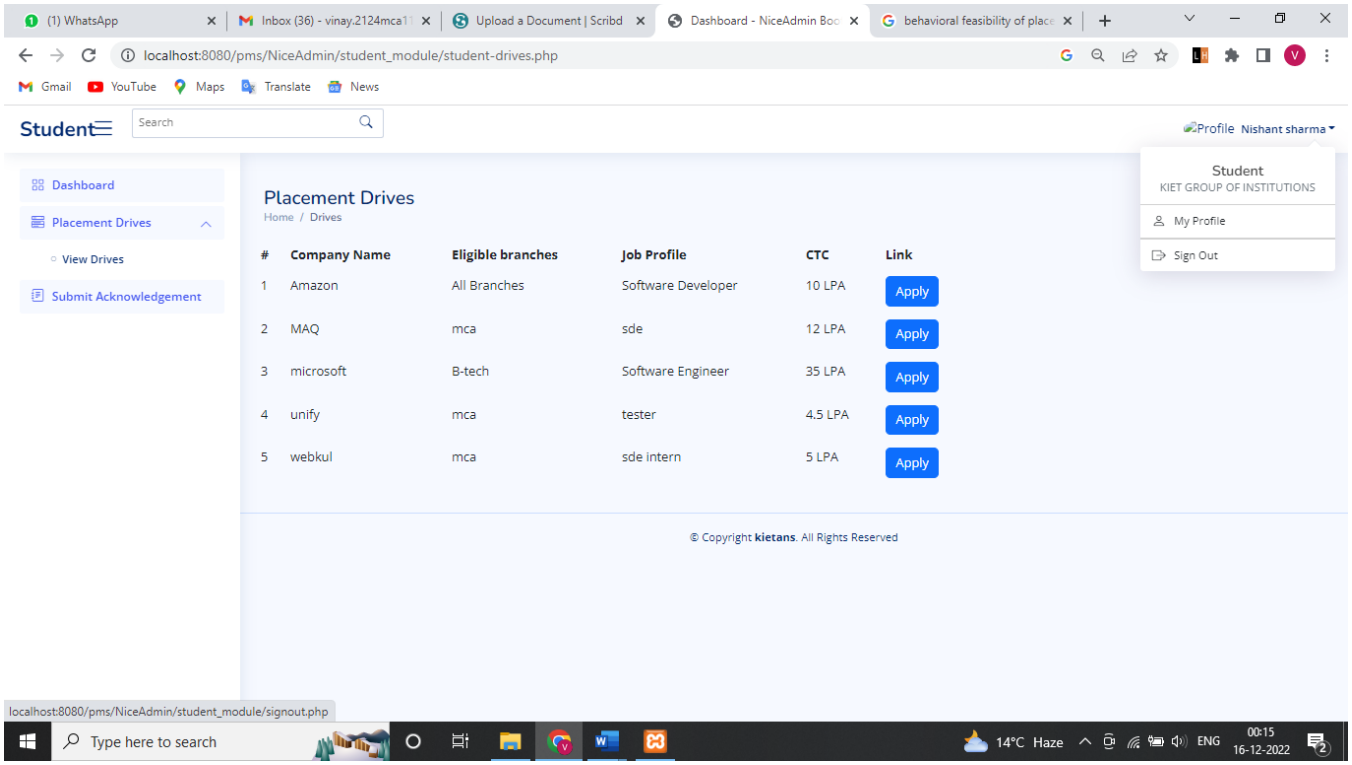
ENG
00:13
16-12-2022

4.5 Student Dashboard





CHAPTER – 5 CODING

Index Page Code

```
<!doctype html>

<html>
                                        <head>
<title>Placement Information System</title>
<link rel="stylesheet" href="css/indexpage.css" type="text/css"/>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/vI1Bx"
crossorigin="anonymous">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<body>

<div class="container">
<center>
<div class="lb">
<a href="admi-login.php">Admin Portal</a>
</div><br>
<div class="lb" >
<a href="faculty-login.php">Faculty Portal</a>
</div><br>
<div class="lb">
<a href="student-login.php">Student Portal</a>
</div>
</center>
</div>
</body>
</html>
```

Login Page code

```
<!doctype html>

<html>
<head>
<title>Login</title>
<link rel="stylesheet" href="css/login.css" type="text/css">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/vI1Bx"
crossorigin="anonymous">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<body>

<div class="wrapper">
<div class="logo">
<img src="images/login.png" alt="">
</div>



<form class="p-3 mt-3" action="admin_module/admin.php">
<div class="form-field d-flex align-items-center">
<span class="far fa-user"></span>
<input type="text" name="userName" id="userName" placeholder="Username" >
</div>
<div class="form-field d-flex align-items-center">
<span class="fas fa-key"></span>
<input type="password" name="password" id="pwd" placeholder="Password" >
</div>
<button class="btn mt-3" type="submit">Login</button>
</form>
<div class="text-center fs-6">
<a href="forgetpassword.php">Forget password?</a>
</div>
</div>
</body>
</html>
```

5.1 Admin Module

```
<!DOCTYPE html>
<html lang="en">

<head>
<meta charset="utf-8">
<meta content="width=device-width, initial-scale=1.0" name="viewport">

<title>Admin Dashboard</title>
<meta content="" name="description">
<meta content="" name="keywords">

<!-- Favicons -->
<link href="assets/img/favicon.png" rel="icon">
<link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">

<!-- Google Fonts -->
<link href="https://fonts.gstatic.com" rel="preconnect">
<link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Nunito:300,300i,400,400i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i"
rel="stylesheet">

<!-- Vendor CSS Files -->
<link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
<link href="assets/vendor/bootstrap-icons/bootstrap-icons.css" rel="stylesheet">
<link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
<link href="assets/vendor/quill/quill.snow.css" rel="stylesheet">
<link href="assets/vendor/quill/quill.bubble.css" rel="stylesheet">
<link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
<link href="assets/vendor/simple-datatables/style.css" rel="stylesheet">

<!-- Template Main CSS File -->
<link href="assets/css/style.css" rel="stylesheet">

<!-- =======================================================
* Template Name: NiceAdmin - v2.4.1
* Template URL: https://bootstrapmade.com/nice-admin-bootstrap-admin-html-template/
```

```
* Author: BootstrapMade.com
* License: https://bootstrapmade.com/license/
========================================================== -->
</head>
<body>
<!-- ======= Header ======= -->
<header id="header" class="header fixed-top d-flex align-items-center">
<div class="d-flex align-items-center justify-content-between">
<a href="admin.php" class="logo d-flex align-items-center">
<span class="d-none d-lg-block">Admin</span>
</a>
<i class="bi bi-list toggle-sidebar-btn"></i>
</div>
<!-- End Logo -->
<div class="search-bar">
<form class="search-form d-flex align-items-center" method="POST" action="#">
<input type="text" name="query" placeholder="Search" title="Enter search keyword">
<button type="submit" title="Search"><i class="bi bi-search"></i></button>
</form>
</div>
<!-- End Search Bar -->
<nav class="header-nav ms-auto">
<ul class="d-flex align-items-center">
<li class="nav-item d-block d-lg-none">
<a class="nav-link nav-icon search-bar-toggle " href="#">
<i class="bi bi-search"></i>
</a>
</li>
<!-- End Search Icon-->

<!-- End Messages Nav -->
<li class="nav-item dropdown pe-3">
<a class="nav-link nav-profile d-flex align-items-center pe-0" href="#" data-bs-toggle="dropdown">
<img src="images/login.png" alt="Profile" class="rounded-circle">
<span class="d-none d-md-block dropdown-toggle ps-2">admin</span>
</a>
<!-- End Profile Iamge Icon -->
<ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow profile">
<li class="dropdown-header">
<h6>Admin</h6>
```

Admin

<hr class="dropdown-divider">

My Profile

<hr class="dropdown-divider">

Sign Out

</nav>
</header> <!-- ======= Sidebar ======= -->
<aside id="sidebar" class="sidebar">
<ul class="sidebar-nav" id="sidebar-nav">
<li class="nav-item">

Dashboard

<!-- End Dashboard Nav -->
<li class="nav-item">
<a class="nav-link collapsed" data-bs-target="#components-nav" data-bs-toggle="collapse" href="#">
Placement Drives

```
</a>
<ul id="components-nav" class="nav-content collapse " data-bs-parent="#sidebar-nav">
<li>
<a href="add-drives.php">
<i class="bi bi-circle"></i><span>Add Drives</span>
</a>
</li>
<li>
<a href="view-drives.php">
<i class="bi bi-circle"></i><span>View Drives</span>
</a>
</li>
</ul>
</li>
<!-- End Components Nav -->

<li class="nav-item">
<a class="nav-link collapsed" data-bs-target="#forms-nav" data-bs-toggle="collapse" href="#">
<i class="bi bi-journal-text"></i><span>Faculty</span><i class="bi bi-chevron-down ms-auto"></i>
</a>
<ul id="forms-nav" class="nav-content collapse " data-bs-parent="#sidebar-nav">

<li>
<a href="add-faculty.php">
<i class="bi bi-circle"></i><span>Add faculty</span>
</a>
</li>
<li>
<a href="view-faculty.php">
<i class="bi bi-circle"></i><span>View faculty</span>
</a>
</li>
</ul>
</li>
<!-- End Forms Nav -->

<li class="nav-item">
<a class="nav-link collapsed" data-bs-target="#tables-nav" data-bs-toggle="collapse" href="#">
<i class="bi bi-layout-text-window-reverse"></i><span>Students</span><i class="bi bi-chevron-
down ms-auto"></i>
```

```
</a>
<ul id="tables-nav" class="nav-content collapse " data-bs-parent="#sidebar-nav">
<li>
<a href="view-student-report.php">
<i class="bi bi-circle"></i><span>View Students Report</span>
</a>
</li>
<li>
<a href="placed-student.php">
<i class="bi bi-circle"></i><span>Placed Student List</span>
</a>
</li>
<li>
<a href="unplaced-student.php">
<i class="bi bi-circle"></i><span>Unplaced Student List</span>
</a>
</li>
</ul>
</li>
</ul>
</aside> <!-- End Sidebar-->
<main id="main" class="main">
<div class="pagetitle">
<h1>Dashboard</h1>
<nav>
<ol class="breadcrumb">
<li class="breadcrumb-item"><a href="admin.php">Home</a></li>
<li class="breadcrumb-item active">Dashboard</li>
</ol>
</nav>
</div><!-- End Page Title -->
<section class="section dashboard">
<div class="row">
<!-- Left side columns -->
<div class="col-lg-12">
<div class="row">
<!-- Sales Card -->
<div class="col-xxl-3 col-md-6">
<div class="card info-card sales-card">
```

```
<div class="card-body">
<h5 class="card-title">Total students <!--<span>| Today</span>--></h5>
<div class="d-flex align-items-center">
<div class="card-icon rounded-circle d-flex align-items-center justify-content-center">
<i class="bi bi-people"></i>
</div>
<div class="ps-3">
<h6> <script>

</script>
5</h6>
</div>
</div>
</div>
</div>
</div>
<!-- End Sales Card -->
<div class="col-xxl-3 col-xl-12">
<div class="card info-card customers-card">

<div class="card-body">
<h5 class="card-title">Placed Students</h5>
<div class="d-flex align-items-center">
<div class="card-icon rounded-circle d-flex align-items-center justify-content-center">
<i class="bi bi-people"></i>
</div>
<div class="ps-3">
<h6>3</h6>
</div>
</div>
</div>
</div>
</div>
<!-- Unplaced students Card -->
<div class="col-xxl-3 col-xl-12">
<div class="card info-card customers-card">

<div class="card-body">
<h5 class="card-title">Unplaced</h5>
<div class="d-flex align-items-center">
```

```
<div class="card-icon rounded-circle d-flex align-items-center justify-content-center">
<i class="bi bi-people"></i>
</div>
<div class="ps-3">
<h6>2</h6>
</div>
</div>
</div>
</div>
</div>
<div class="col-xxl-3 col-xl-12">
<div class="card info-card customers-card">

<div class="card-body">
<h5 class="card-title">Total Companies </h5>
<div class="d-flex align-items-center">
<div class="card-icon rounded-circle d-flex align-items-center justify-content-center">
<i class="bi bi-building"></i>
</div>
<div class="ps-3">
<h6>5</h6>
</div>
</div>
</div>
</div>
</div>
<!-- End Customers Card -->
<!-- Bar Chart -->
<div class="col-12">
<div class="card">
<div class="card-body">
<h5 class="card-title">Bar CHart</h5>
<!-- Bar Chart -->
<canvas id="barChart" style="max-height: 400px;max-width:800px;"></canvas>
<script>
document.addEventListener("DOMContentLoaded", () => {
new Chart(document.querySelector('#barChart'), {
type: 'bar',
data: {
labels: ['BTech', 'MCA', 'Bpharma', 'MBA',],
```

```
datasets: [{
label: 'Bar Chart',
data: [1,2, 0, 2],
backgroundColor: [
'rgba(255, 99, 132, 0.2)',
'rgba(255, 159, 64, 0.2)',
'rgba(255, 205, 86, 0.2)',
'rgba(75, 192, 192, 0.2)',
'rgba(54, 162, 235, 0.2)',
'rgba(153, 102, 255, 0.2)',
'rgba(201, 203, 207, 0.2)'
],
borderColor: [
'rgb(255, 99, 132)',
'rgb(255, 159, 64)',
'rgb(255, 205, 86)',
'rgb(75, 192, 192)',
'rgb(54, 162, 235)',
'rgb(153, 102, 255)',
'rgb(201, 203, 207)'
],
borderWidth: 1
}]
},
options: {
scales: {
y: {
beginAtZero: true
}
}
}
});
});
</script>
</div>
</div>
</div>
<!-- Bar Chart -->
</div>
</div>
```

```
</main>
<!-- End #main -->
<!-- ======= Footer ======= -->
<footer id="footer" class="footer">
<div class="copyright">
&copy; Copyright <strong><span>kietans</span></strong>. All Rights Reserved
</div>
<div class="credits">
Designed by <a href="https://bootstrapmade.com/">Kietians</a>
</div>
</footer> <!-- End Footer -->
<a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>
<!-- Vendor JS Files -->
<script src="assets/vendor/apexcharts/apexcharts.min.js"></script>
<script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/chart.js/chart.min.js"></script>
<script src="assets/vendor/echarts/echarts.min.js"></script>
<script src="assets/vendor/quill/quill.min.js"></script>
<script src="assets/vendor/simple-datatables/simple-datatables.js"></script>
<script src="assets/vendor/tinymce/tinymce.min.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>
<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>
</body>

</html>
```

5.2 Faculty Module

```
<!DOCTYPE html>
<html lang="en">

<head>
<meta charset="utf-8">
<meta content="width=device-width, initial-scale=1.0" name="viewport">

<title>Faculty Dashboard</title>
<meta content="" name="description">
```

```
<meta content="" name="keywords">

<!-- Favicons -->
<link href="assets/img/favicon.png" rel="icon">
<link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">

<!-- Google Fonts -->
<link href="https://fonts.gstatic.com" rel="preconnect">
<link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Nunito:300,300i,400,400i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i"
rel="stylesheet">

<!-- Vendor CSS Files -->
<link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
<link href="assets/vendor/bootstrap-icons/bootstrap-icons.css" rel="stylesheet">
<link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
<link href="assets/vendor/quill/quill.snow.css" rel="stylesheet">
<link href="assets/vendor/quill/quill.bubble.css" rel="stylesheet">
<link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
<link href="assets/vendor/simple-datatables/style.css" rel="stylesheet">

<!-- Template Main CSS File -->
<link href="assets/css/style.css" rel="stylesheet">

<!-- =======================================================
* Template Name: NiceAdmin - v2.4.1
* Template URL: https://bootstrapmade.com/nice-admin-bootstrap-admin-html-template/
* Author: BootstrapMade.com
* License: https://bootstrapmade.com/license/
======================================================== -->
</head>

<body>

<!-- ======= Header ======= -->
<header id="header" class="header fixed-top d-flex align-items-center">

<div class="d-flex align-items-center justify-content-between">
<a href="admin.php" class="logo d-flex align-items-center">
```

```
<span class="d-none d-lg-block">Faculty</span>
</a>
<i class="bi bi-list toggle-sidebar-btn"></i>
</div><!-- End Logo -->

<div class="search-bar">
<form class="search-form d-flex align-items-center" method="POST" action="#">
<input type="text" name="query" placeholder="Search" title="Enter search keyword">
<button type="submit" title="Search"><i class="bi bi-search"></i></button>
</form>
</div><!-- End Search Bar -->

<nav class="header-nav ms-auto">
<ul class="d-flex align-items-center">

<li class="nav-item d-block d-lg-none">
<a class="nav-link nav-icon search-bar-toggle " href="#">
<i class="bi bi-search"></i>
</a>
</li><!-- End Search Icon-->


<li class="nav-item dropdown pe-3">

<a class="nav-link nav-profile d-flex align-items-center pe-0" href="#" data-bs-toggle="dropdown">
<img src="assets/img/login.png" alt="Profile" class="rounded-circle">
<span class="d-none d-md-block dropdown-toggle ps-2">Faculty</span>
</a><!-- End Profile Iamge Icon -->

<ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow profile">
<li class="dropdown-header">
<h6>Faculty</h6>
<span>KIET GROUP OF INSTITUTIONS</span>
</li>
<li>
<hr class="dropdown-divider">
</li>

<li>
<a class="dropdown-item d-flex align-items-center" href="faculty-profile.php">
```

```
<i class="bi bi-person"></i>
<span>My Profile</span>
</a>
</li>
<li>
<hr class="dropdown-divider">
</li>


<li>
<a class="dropdown-item d-flex align-items-center" href="signout.php">
<i class="bi bi-box-arrow-right"></i>
<span>Sign Out</span>
</a>
</li>

</ul><!-- End Profile Dropdown Items -->
</li><!-- End Profile Nav -->

</ul>
</nav><!-- End Icons Navigation -->

</header> <!-- End Header -->

<!-- ======= Sidebar ======= -->
<aside id="sidebar" class="sidebar">

<ul class="sidebar-nav" id="sidebar-nav">

<li class="nav-item">
<a class="nav-link " href="faculty-dashboard.php">
<i class="bi bi-grid"></i>
<span>Dashboard</span>
</a>
</li><!-- End Dashboard Nav -->

<li class="nav-item">
<a class="nav-link collapsed" data-bs-target="#components-nav" data-bs-toggle="collapse" href="#">
<i class="bi bi-menu-button-wide"></i><span>Placement Drives</span><i class="bi bi-chevron-
down ms-auto"></i>
```

```
</a>
<ul id="components-nav" class="nav-content collapse " data-bs-parent="#sidebar-nav">
<li>
<a href="faculty-drives.php">
<i class="bi bi-circle"></i><span>View Drives</span>
</a>
</li>

</ul>
</li>

<li class="nav-item">
<a class="nav-link collapsed" data-bs-target="#tables-nav" data-bs-toggle="collapse" href="#">
<i class="bi bi-layout-text-window-reverse"></i><span>Students</span><i class="bi bi-chevron-down ms-auto"></i>
</a>
<ul id="tables-nav" class="nav-content collapse " data-bs-parent="#sidebar-nav">
<li>
<a href="add-student.php">
<i class="bi bi-circle"></i><span>Add Students</span>
</a>
</li>
<li>
<a href="view-student.php">
<i class="bi bi-circle"></i><span>View Students</span>
</a>
</li>
<li>
<a href="placed-student.php">
<i class="bi bi-circle"></i><span>Placed Student List</span>
</a>
</li>
<li>
<a href="unplaced-student.php">
<i class="bi bi-circle"></i><span>Unplaced Student List</span>
</a>
</li>
</ul>
</li>
</ul>
```

```
</aside> <!-- End Sidebar-->

<main id="main" class="main">

<div class="pagetitle">
<h1>Dashboard</h1>
<nav>
<ol class="breadcrumb">
<li class="breadcrumb-item"><a href="admin.php">Home</a></li>
<li class="breadcrumb-item active">Dashboard</li>
</ol>
</nav>
</div><!-- End Page Title -->

<section class="section dashboard">
<div class="row">

<!-- Left side columns -->
<div class="col-lg-12">
<div class="row">

<!-- Sales Card -->
<div class="col-xxl-3 col-md-6">
<div class="card info-card sales-card">
<div class="card-body">
<h5 class="card-title">Total students <!--<span>| Today</span>--></h5>

<div class="d-flex align-items-center">
<div class="card-icon rounded-circle d-flex align-items-center justify-content-center">
<i class="bi bi-people"></i>
</div>
<div class="ps-3">
<h6>5</h6>

</div>
</div>
</div>

</div>
</div><!-- End Sales Card -->
```

```
<!-- End Revenue Card -->

<!-- Customers Card -->
<div class="col-xxl-3 col-xl-12">
<div class="card info-card customers-card">

<div class="card-body">
<h5 class="card-title">Placed Students</h5>
<div class="d-flex align-items-center">
<div class="card-icon rounded-circle d-flex align-items-center justify-content-center">
<i class="bi bi-people"></i>
</div>
<div class="ps-3">
<h6>3</h6>
</div>
</div>
</div>
</div>
</div>
<!-- Unplaced students Card -->
<div class="col-xxl-3 col-xl-12">
<div class="card info-card customers-card">

<div class="card-body">
<h5 class="card-title">Unplaced</h5>
<div class="d-flex align-items-center">
<div class="card-icon rounded-circle d-flex align-items-center justify-content-center">
<i class="bi bi-people"></i>
</div>
<div class="ps-3">
<h6>2</h6>
</div>
</div>
</div>
</div>
</div>
<div class="col-xxl-3 col-xl-12">
<div class="card info-card customers-card">
```

```
<div class="card-body">
<h5 class="card-title">Total Companies </h5>
<div class="d-flex align-items-center">
<div class="card-icon rounded-circle d-flex align-items-center justify-content-center">
<i class="bi bi-building"></i>
</div>
<div class="ps-3">
<h6>5</h6>
</div>
</div>
</div>
</div>
</div>
<!-- End Customers Card -->
<!-- Bar Chart -->
<div class="col-12">
<div class="card">
<div class="card-body">
<h5 class="card-title">Bar CHart</h5>
<!-- Bar Chart -->
<canvas id="barChart" style="max-height: 400px;max-width:800px;"></canvas>
<script>
document.addEventListener("DOMContentLoaded", () => {
new Chart(document.querySelector('#barChart'), {
type: 'bar',
data: {
labels: ['BTech', 'MCA', 'Bpharma', 'MBA',],
datasets: [{
label: 'Bar Chart',
data: [0,2, 0, 1],
backgroundColor: [
'rgba(255, 99, 132, 0.2)',
'rgba(255, 159, 64, 0.2)',
'rgba(255, 205, 86, 0.2)',
'rgba(75, 192, 192, 0.2)',
'rgba(54, 162, 235, 0.2)',
'rgba(153, 102, 255, 0.2)',
'rgba(201, 203, 207, 0.2)'
],
```

```
borderColor: [
'rgb(255, 99, 132)',
'rgb(255, 159, 64)',
'rgb(255, 205, 86)',
'rgb(75, 192, 192)',
'rgb(54, 162, 235)',
'rgb(153, 102, 255)',
'rgb(201, 203, 207)'
],
borderWidth: 1
}]
},
options: {
scales: {
y: {
beginAtZero: true
}
}
}
});
});
</script>
</div>
</div>
</div>
<!-- Bar Chart -->
</div>
</div>

</main>
<!-- End #main -->


<!-- ======= Footer ======= -->
<footer id="footer" class="footer">
<div class="copyright">
&copy; Copyright <strong><span>Kietians</span></strong>. All Rights Reserved
</div>

</footer><!-- End Footer -->
```

```
<a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>

<!-- Vendor JS Files -->
<script src="assets/vendor/apexcharts/apexcharts.min.js"></script>
<script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/chart.js/chart.min.js"></script>
<script src="assets/vendor/echarts/echarts.min.js"></script>
<script src="assets/vendor/quill/quill.min.js"></script>
<script src="assets/vendor/simple-datatables/simple-datatables.js"></script>
<script src="assets/vendor/tinymce/tinymce.min.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>

</body>

</html>
```

5.3 Student Module

```
connected<!DOCTYPE html>
<html lang="en">

<head>
<meta charset="utf-8">
<meta content="width=device-width, initial-scale=1.0" name="viewport">

<title>Dashboard</title>
<meta content="" name="description">
<meta content="" name="keywords">

<!-- Favicons -->
<link href="assets/img/favicon.png" rel="icon">
<link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">

<!-- Google Fonts -->
<link href="https://fonts.gstatic.com" rel="preconnect">
```

```
<link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Nunito:300,300i,400,400i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i"
rel="stylesheet">

<!-- Vendor CSS Files -->
<link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
<link href="assets/vendor/bootstrap-icons/bootstrap-icons.css" rel="stylesheet">
<link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
<link href="assets/vendor/quill/quill.snow.css" rel="stylesheet">
<link href="assets/vendor/quill/quill.bubble.css" rel="stylesheet">
<link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
<link href="assets/vendor/simple-datatables/style.css" rel="stylesheet">

<!-- Template Main CSS File -->
<link href="assets/css/style.css" rel="stylesheet">

<!-- =======================================================
* Template Name: NiceAdmin - v2.4.1
* Template URL: https://bootstrapmade.com/nice-admin-bootstrap-admin-html-template/
* Author: BootstrapMade.com
* License: https://bootstrapmade.com/license/
======================================================== -->
</head>

<body>

<!-- ======= Header ======= -->
<!-- End Header -->
<header id="header" class="header fixed-top d-flex align-items-center">
<div class="d-flex align-items-center justify-content-between">
<a href="admin.php" class="logo d-flex align-items-center">
<span class="d-none d-lg-block">Student</span>
</a>
<i class="bi bi-list toggle-sidebar-btn"></i>
</div>
<!-- End Logo -->
<div class="search-bar">
<form class="search-form d-flex align-items-center" method="POST" action="#">
<input type="text" name="query" placeholder="Search" title="Enter search keyword">
<button type="submit" title="Search"><i class="bi bi-search"></i></button>
```

```
</form>
</div>
<!-- End Search Bar -->
<nav class="header-nav ms-auto">
<ul class="d-flex align-items-center">
<li class="nav-item d-block d-lg-none">
<a class="nav-link nav-icon search-bar-toggle " href="#">
<i class="bi bi-search"></i>
</a>
</li>
<!-- End Search Icon-->

<!-- End Messages Nav -->
<li class="nav-item dropdown pe-3">
<a class="nav-link nav-profile d-flex align-items-center pe-0" href="#" data-bs-toggle="dropdown">
<img src="images/login.png" alt="Profile" class="rounded-circle">
<span class="d-none d-md-block dropdown-toggle ps-2"></span>
</a>
<!-- End Profile Iamge Icon -->
<ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow profile">
<li class="dropdown-header">
<h6>Student</h6>
<span></span>
</li>
<li>
<hr class="dropdown-divider">
</li>
<li>
<a class="dropdown-item d-flex align-items-center" href="student-profile.php">
<i class="bi bi-person"></i>
<span>My Profile</span>
</a>
</li>
<li>
<hr class="dropdown-divider">
</li>


<li>
<a class="dropdown-item d-flex align-items-center" href="#">
```

```
<i class="bi bi-box-arrow-right"></i>
<span>Sign Out</span>
</a>
</li>
</ul>
</li>
</ul>
</nav>
</header> <!-- ======= Sidebar ======= -->
<aside id="sidebar" class="sidebar">

<ul class="sidebar-nav" id="sidebar-nav">

<li class="nav-item">
<a class="nav-link " href="student-dashboard.php">
<i class="bi bi-grid"></i>
<span>Dashboard</span>
</a>
</li><!-- End Dashboard Nav -->

<li class="nav-item">
<a class="nav-link collapsed" data-bs-target="#components-nav" data-bs-toggle="collapse" href="#">
<i class="bi bi-menu-button-wide"></i><span>Placement Drives</span><i class="bi bi-chevron-down ms-auto"></i>
</a>
<ul id="components-nav" class="nav-content collapse " data-bs-parent="#sidebar-nav">
<li>
<a href="student-drives.php">
<i class="bi bi-circle"></i><span>View Drives</span>
</a>
</li>
</ul>
</li><!-- End Components Nav -->

<li class="nav-item">
<a href="acknowledgement.php" class="nav-link " >
<i class="bi bi-journal-text"></i><span>Submit Acknowledgement</span>
</a>
</li>
</ul>
```

```
</aside> <!-- End Sidebar-->

<main id="main" class="main">

<div class="pagetitle">
<h1>Dashboard</h1>
<nav>
<ol class="breadcrumb">
<li class="breadcrumb-item"><a href="student-dashboard.html">Home</a></li>
<li class="breadcrumb-item active">Dashboard</li>
</ol>
</nav>
</div><!-- End Page Title -->

<section class="section profile">

<div class="row">
<div class="col-xl-4">

<div class="card">
<div class="card-body profile-card pt-4 d-flex flex-column align-items-center">

<img src="assets/img/login.png" alt="Profile" class="rounded-circle">
<h2>Vinay Gupta</h2>
<h3>MCA Student</h3>

</div>
</div>

</div>

<div class="col-xl-8">

<div class="card">
<div class="card-body pt-3">

<div class="tab-content pt-2">

<div class="tab-pane fade show active profile-overview" id="profile-overview">
```

```
<h5 class="card-title">Profile Details</h5>

<div class="row">
<div class="row">
<div class="col-lg-3 col-md-4 label">User ID</div>
<div class="col-lg-9 col-md-8">2124mca1127</div>
</div>
<div class="col-lg-3 col-md-4 label ">Full Name</div>
<div class="col-lg-9 col-md-8">Vinay Gupta</div>
</div>

<div class="row">
<div class="col-lg-3 col-md-4 label">Course</div>
<div class="col-lg-9 col-md-8">MCA</div>
</div>


<div class="row">
<div class="col-lg-3 col-md-4 label">University Roll No </div>
<div class="col-lg-9 col-md-8">2100290140148</div>
</div>

<div class="row">
<div class="col-lg-3 col-md-4 label">DOB</div>
<div class="col-lg-9 col-md-8">2000-01-27</div>
</div>
<div class="row">
<div class="col-lg-3 col-md-4 label">Email</div>
<div class="col-lg-9 col-md-8">vinay.2123mca1127@kiet.edu</div>
</div>

<div class="row">
<div class="col-lg-3 col-md-4 label">Placement status</div>
<div class="col-lg-9 col-md-8">Placed</div>
</div>
</div>
</div>
```

```
</div><!-- End Bordered Tabs -->

</div>
</div>

</div>
</div>
</section>
<section class="section dashboard">
<div class="row">

<!-- Left side columns -->
<div class="col-lg-8">
<div class="row">

<table class="table table-borderless datatable">
<thead>
<!-- <tr style="background-color:#ffccff;">
<th scope="col">#</th>
<th scope="col">Company Name</th>
<th scope="col">Eligible branches</th>
<th scope="col">Job Profile</th>
<th scope="col">CTC</th>

</tr> -->
</thead>
<tbody>


</tbody>
</table>

</div>
</div>
</div>
</section>
</main>
<!-- End #main -->

<!-- ======= Footer ======= -->
```

```
<footer id="footer" class="footer">
<div class="copyright">
&copy; Copyright <strong><span>kietans</span></strong>. All Rights Reserved
</div>

</footer><!-- End Footer -->

<a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>

<!-- Vendor JS Files -->
<script src="assets/vendor/apexcharts/apexcharts.min.js"></script>
<script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/chart.js/chart.min.js"></script>
<script src="assets/vendor/echarts/echarts.min.js"></script>
<script src="assets/vendor/quill/quill.min.js"></script>
<script src="assets/vendor/simple-datatables/simple-datatables.js"></script>
<script src="assets/vendor/tinymce/tinymce.min.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js"></script> </body></html>
```

CHAPTER - 6 SOFTWARE TESTING

Software Testing

Software testing is a critical element of software quality assurance and represents the ultimate reuse of specification. Design and code testing represents interesting anomaly for the software during earlier definition and development phase, it was attempted to build software from an abstract concept to tangible implementation.

The testing phase involves, testing of the development of the system using various techniques such as White Box Testing, Control Structure Testing.

Testing Strategies:

A strategy for software testing must accommodate low-level tests that are necessary to verify that a small source code segment has been correctly implemented as well as high level against customer requirements.

1. Unit Testing

2. Integration testing

3. System testing.

4. Acceptance testing.

Testing Techniques:

White Box Testing:

White box testing is a test case design method that uses the control structure of the procedural design to derive test cases.

Control Structure Testing

The following tests were conducted and it was noted that the BCBS is performing them well.

- ✓ Basic path Testing
- ✓ Condition Testing
- ✓ Data Flow Testing
- ✓ Loop Testing

"PLACEMENT INFORMATION SYSTEM" consisting of these test cases throughout its execution.

- Student registration.
- Student login
- Administrator login
- Adding a company.
- Updating selected student.
- Deleting a company.

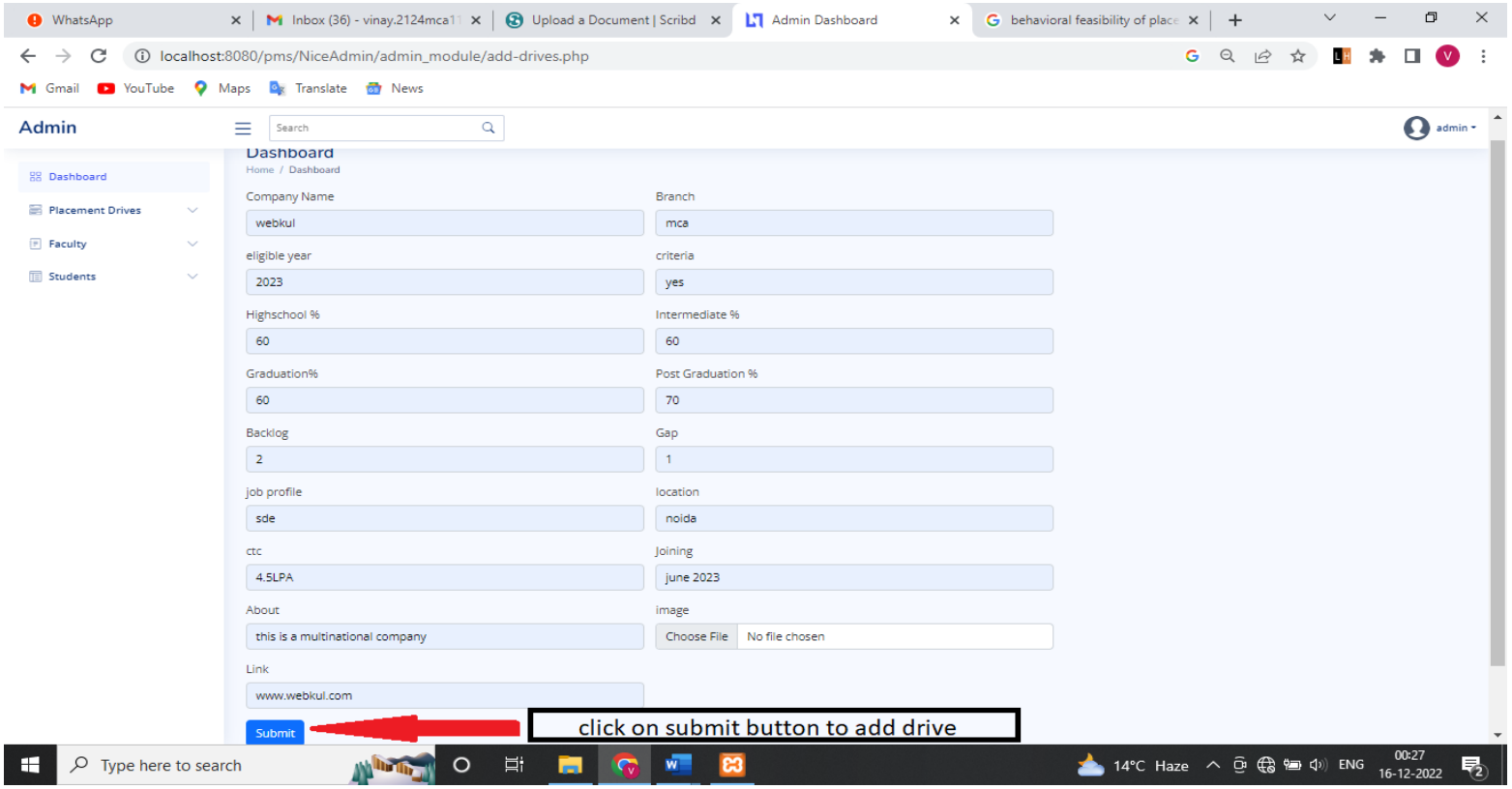
- Giving report to a placement HOD.

In order to make sure that the system does not have errors, different levels of testing strategies that are applied at different phases of software development are:

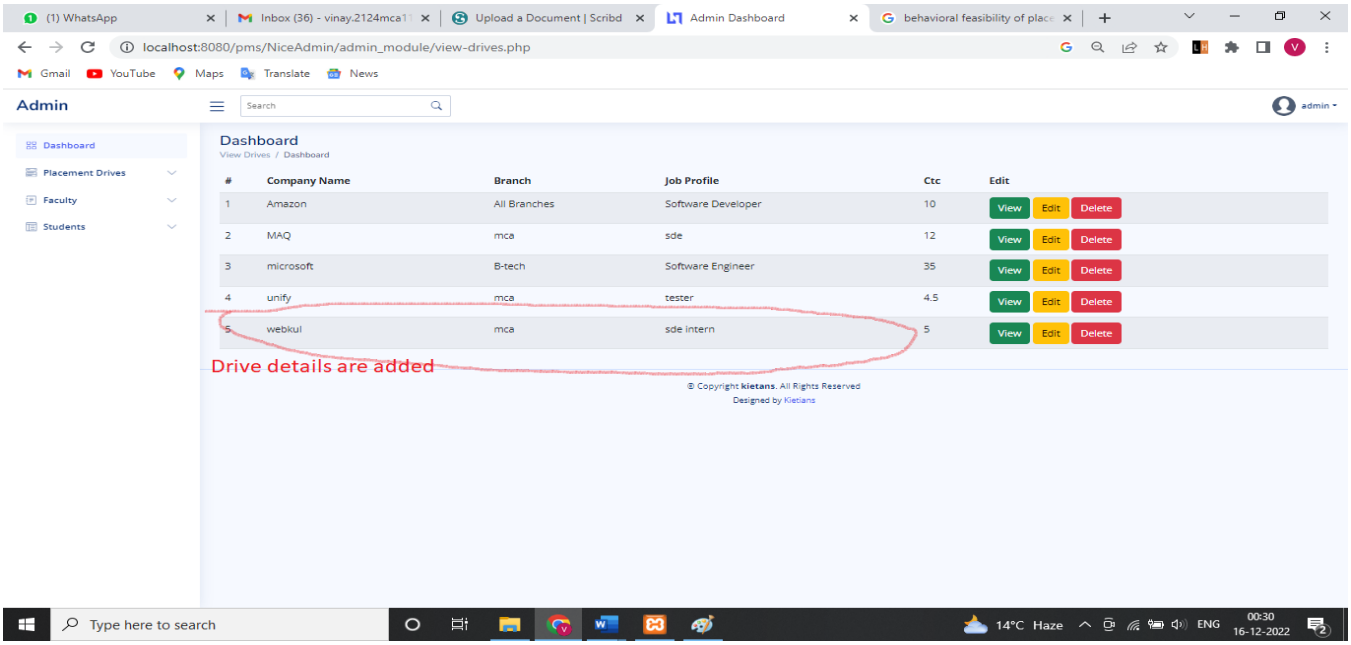
Test case no	**Input**	**Expected behaviour**	**Observed behaviour**	**Status P=Passed F=Failed**
1	Registered as a student	Registration page should be displayed	-do-	P
2	Registered with the empty fields	Error should be displayed that to complete all fields.	-do-	P
3	Login as admin with the wrong login details	Error message should be displayed.	-do-	P
4	Login as admin with correct details	Admin home page is displayed	-do-	P
5	Login as the student with the correct details given in the registration	Student home page is displayed	-do-	P
6	Login as the student with the wrong details	Login fail page is displayed	-do-	P
7	Login with the wrong roll number that is differ from the regulation	Error message should be displayed	-do-	P
8	Adding a company	The company should be successfully add	-do-	P
9	Modification of a company	The editing page for a company should be displayed	-do-	P
10	Modifying a company after editing	Modification successful page should be displayed	-do-	P
11	Deleting a company	Deletion successful page should be displayed	-do-	P

6.1 Test Case-1

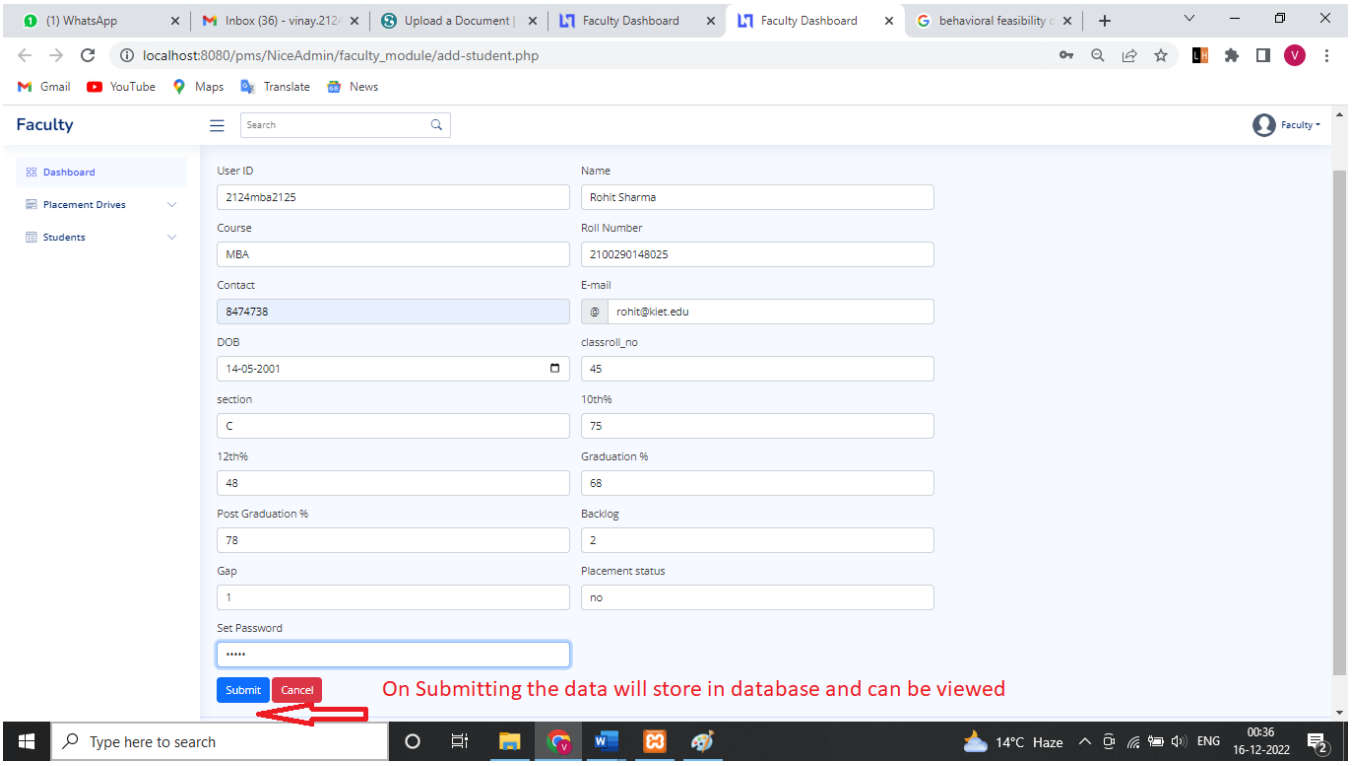
Add Company Drive Though Admin portal



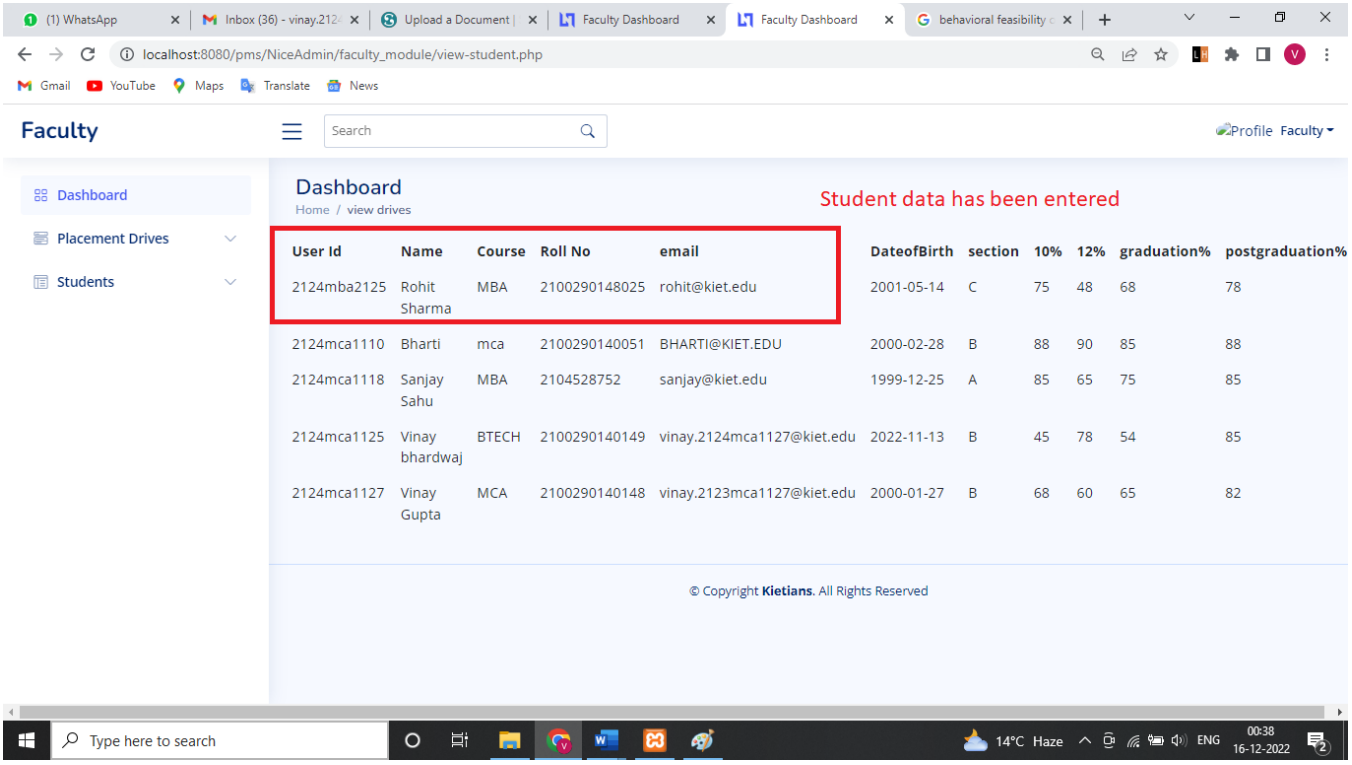
Output



6.2 Test Case-2
Add Student details from faculty portal



Output



BIBLOGRAPHY

During course of this project, a number of books, projects and websites were referred to. Some of them are as listed as follows:

1. Software Engineering

Author - RS Pressman

2. Web Programming:

Author - Chris bates

3. Java- 5th Edition the Complete Reference

Author - Herbert Schildt

Publishing - TATA McGraw Hill

4. Unified Modelling Language

Author - Grady Booch, James Rumbaugh

Publishing - Pearson Education

5. Java Server Pages

Author - Hans Bergsten, Publishing - SHROFF

6. Data Base Management System

Author - C.J. Date

Web References:

J2EE-Overview: http://java.sun.com/j2EE/overview.html, http://www.tizag.com,

J2EE-Component: http://java.sun.com/j2ee/blueprints/platform_technologies/component/index.html,

http://codeproject.com/tips.cs,

http://www.sqlcommands.com,

http://www.1000projects.com,