

ABSTRACT

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Placement Portal

Placement cell is a web based application for the placement cell department of the college. It is used to make placement to students by college and can select company as well as company can select students. The administrator manages the college officers and the companies. Admin can approve and deactivate a college as well as a corresponding company. Using this Application a company can register in the portal as well as college can register and select the different company for placement.

Existing system

The existing system is doing all the processes manually. The administrator should refer all the records kept for years ago to simply know details. The work that is done by human intervention. Humans should do all the work and manually stores the thousands of records of students and company.

The records were stored in modified access sheets hence sorting problem and the files were not stored hierarchical format hence searching problems. This is so tedious and time consuming. This process is so difficult when the number of users increases.

The college officer has to find out the eligible students by looking at the excel sheet. He/she has to see the marks of every student and their eligibility.

Proposed system

To design and implement a web-based placement and which provides the up to date information of all students in a particular college.

Online placement cell helps the colleges to overcome the difficulty in keeping records of hundreds and thousands of students. It helps in effective and timely utilization of the hardware and the software resources.

The home page contains various links such as links to login, view details. The administrator will create the users and the users will use the accounts created by the administrator. Admin can control the company and the users.

When the user enters into respective page and can view the portal and all company, colleges. This package is developed in windows platform.

Modules

There are mainly 4 modules in the project “Online college placement cell” They are:

- **Ordinary user/Student**
- **Company module**
- **College officer module**
- **Admin module**

Ordinary user/Student module consist of services like:

- About the portal
- View all company
- View all colleges
- Top 10 college list for placement

Company module consist of services like:

- Manage profile
- Select college
- View college profile
- Manage interviews
- Upload job vacancies
- View company profile
- Notification
- Conduct webinar

College officer module consist of services like:

- Accept
- Deactivate company
- Maintain notice board
- Mailing

Admin module consist of services like:

- Accept company and college
- Deactivate company and college

Placement Portal

Table Design

Login Table

Field name	Data type	Constraints	Description
Login_id	Integer	Primary key	Login_id
Login_Type	Varchar(20)	Not null	Login_type
Username	Varchar(20)	Not null	Username
Password	Password	Not null	Password

Company Table

Field name	Data type	Constraints	Description
Company_id	Integer	Primary key	Company_id
Company_name	Varchar(20)	Not null	Company_name
Company_address	Varchar(20)	Not null	Company_address
Company_location	Varchar(20)	Not null	Company_location
Company_description	Varchar(20)	Not null	Company_description
Interview_details	Varchar(20)	Not null	Interview_details
Vacancy_details	Varchar(20)	Not null	Job_vacancy_datails
Webinar_details	Varchar(20)	Not null	Webinar_datails
College_Rg_id	Integer	Foreign key	College_Rg_id

Company Profile Table

Field name	Data type	Constraints	Description
Company_profile_id	Integer	Primary key	Company_profile_id
Company_id	Integer	Foreign key	Company_id
Job_role	Varchar(20)	Not null	Job_role
Job_description	Varchar(20)	Not null	Job_description
Job_openings	Varchar(20)	Not null	Job_openings

Placement Table

Field name	Data type	Constraints	Description
Placement_id	Integer	Primary key	Placement_id
Placement_Eligibility	Varchar(20)	Not null	Placement_Eligibility
Selected_college	Varchar(20)	Not null	Selected_college
Placed_students	Varchar(20)	Not null	Placed_students
Deadline	Integer	Not null	Deadline
Placement_description	Varchar(20)	Not null	Placement_description
Company_id	Integer	Foreign key	Company_id

College Registration Table

Field name	Data type	Constraints	Description
College_Rg_id	Integer	Primary key	College_Rg_id
College_name	Varchar(20)	Not null	College_name
City	Varchar(20)	Not null	City
District	Varchar(20)	Not null	District
State	Varchar(20)	Not null	State
University	Varchar(20)	Not null	University
College_id	Integer	Foreign key	College_id
Login_id	Integer	Foreign key	Login_id
Status	Varchar(20)	Not null	Status

Company Registration Table

Field name	Data type	Constraints	Description
Company_Rg_id	Integer	Primary key	Company_Rg_id
Login_id	Integer	Foreign key	Login_id
Company_name	Varchar(20)	Not null	Company_name
Photo	Varchar(20)	Not null	Photo
Address	Varchar(20)	Not null	Address
Pincode	Varchar(20)	Not null	Pincode
State	Varchar(20)	Not null	State
City	Varchar(20)	Not null	City
Company_type	Varchar(20)	Not null	Company_type
Company_location	Varchar(20)	Not null	Company_location
Status	Varchar(20)	Not null	Status

Notice Board Table

Field name	Data type	Constraints	Description
Notice_board_id	Integer	Primary key	Notice_board_id
Company_id	Integer	Foreign key	Company_id
Placement_id	Integer	Foreign key	Placement_id
Drives_details	Varchar(20)	Not null	Drives_details
Placed_details	Varchar(20)	Not null	Placed_details

Selected List Table

Field name	Data type	Constraints	Description
Selected_list_id	Integer	Primary key	Selected_list_id
College_Rg_id	Integer	Foreign key	College_Rg_id
Company_Rg_id	Integer	Foreign key	Company_Rg_id
Status	Varchar(20)	Not null	Status

College Request Table

Field name	Data type	Constraint	Description
College_request_id	Integer	Primary key	College_request_id
College_id	Integer	Foreign key	College_id
College_Rg_id	Integer	Foreign key	College_Rg_id
Accept_college	Boolean	Not null	Accept_college
Status	Varchar(20)	Not null	Status

Company Request Table

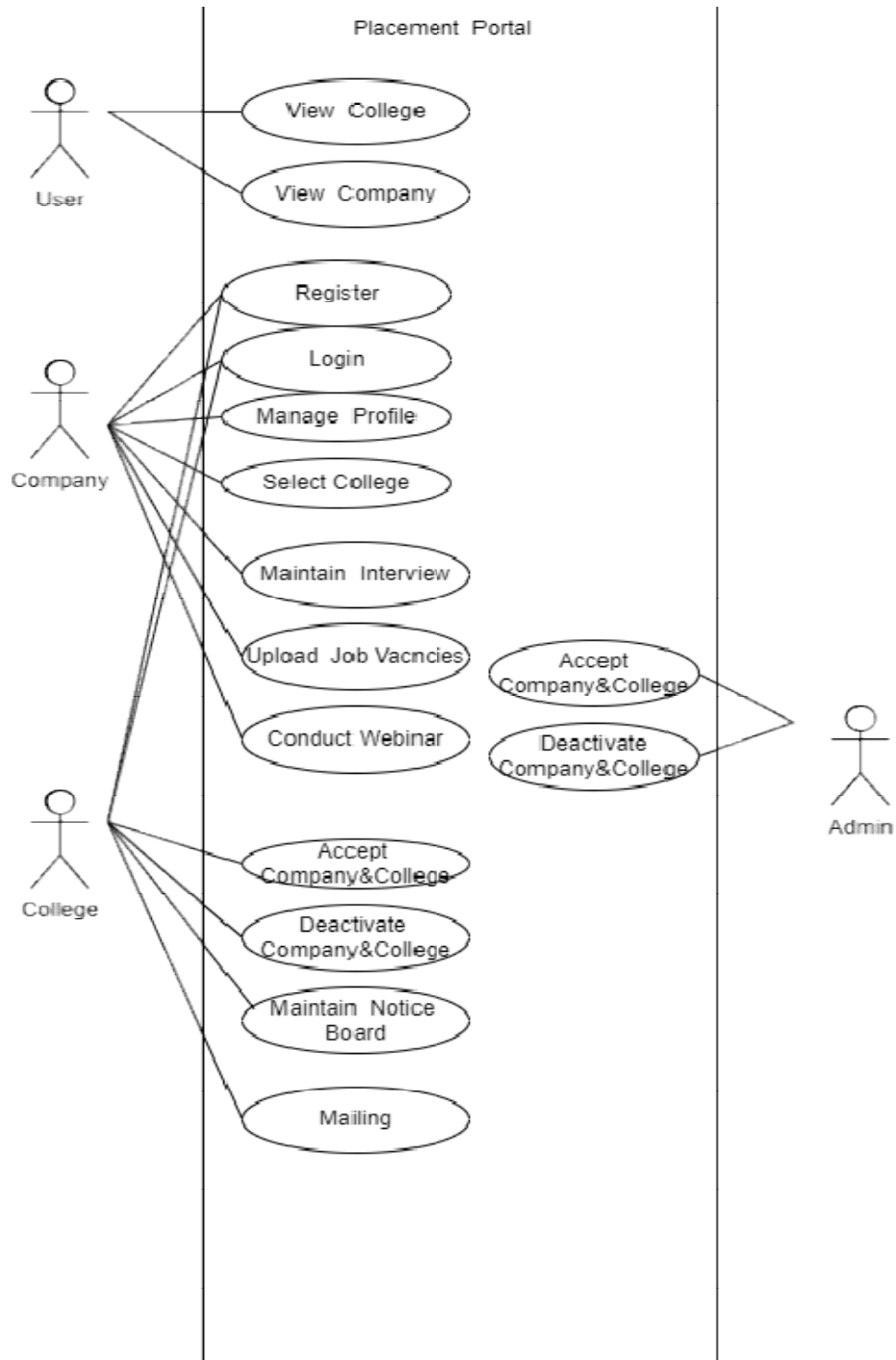
Field name	Data type	Constraint	Description
Company_request_id	Integer	Primary key	Company_request_id
Company_Rg_id	Integer	Foreign key	Company_Rg_id
Company_id	Integer	Foreign key	Company_id
Accept_company	Boolean	Not null	Accept_company
Status	Varchar(20)	Not null	Status

College Details Table

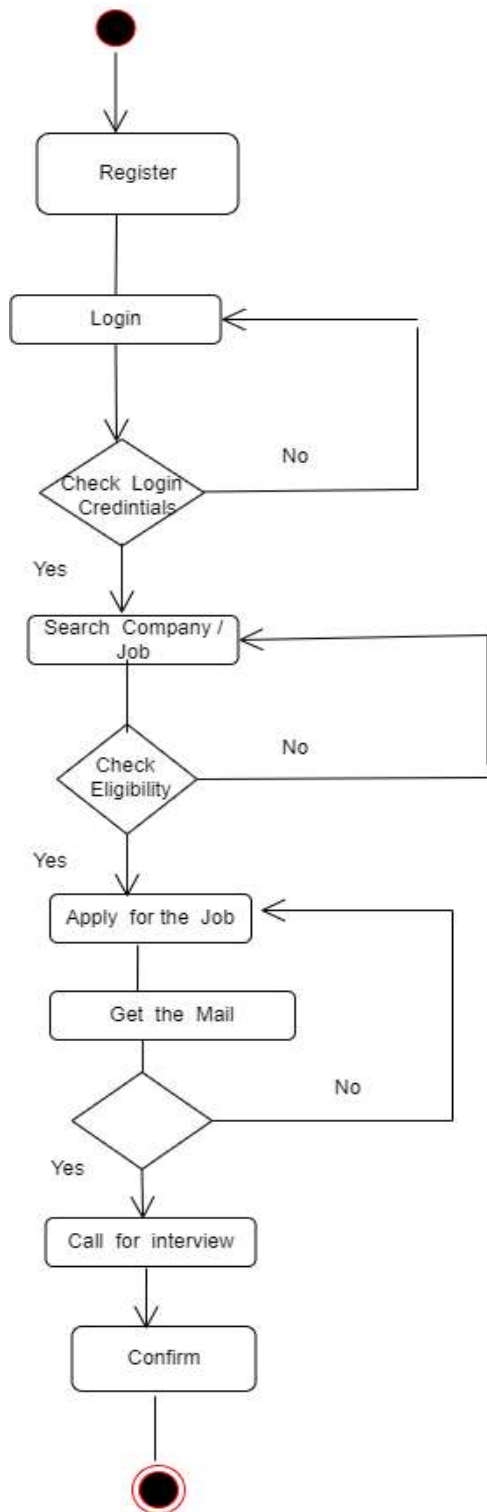
Field name	Data type	Constraint	Description
College_id	Integer	Primary key	College_id
College_Rg_id	Integer	Foreign key	College_Rg_id
College_address	Varchar(20)	Not null	College_adrrss
Pincode	Integer	Not null	Pincode
Phone_no	Integer	Not null	Phone_no
College_Email_id	Varchar(20)	Not null	College_Email id
Course	Varchar(20)	Not null	Courses
Specialization	Varchar(20)	Not null	Specialization

UML DIAGRAM

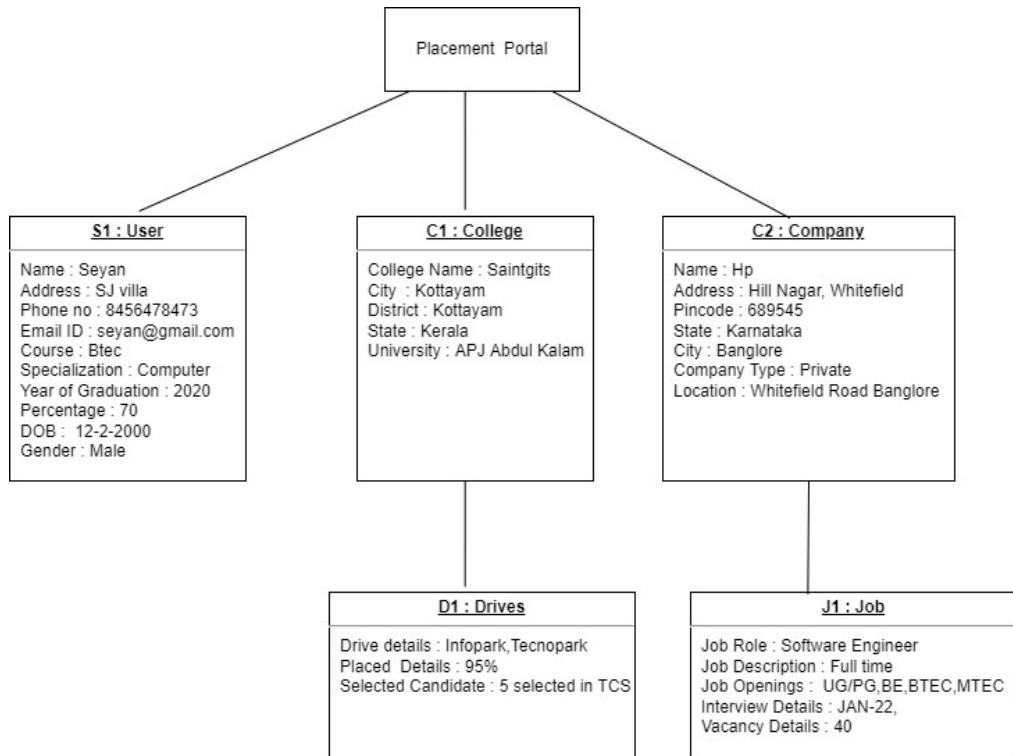
Use Case Diagram



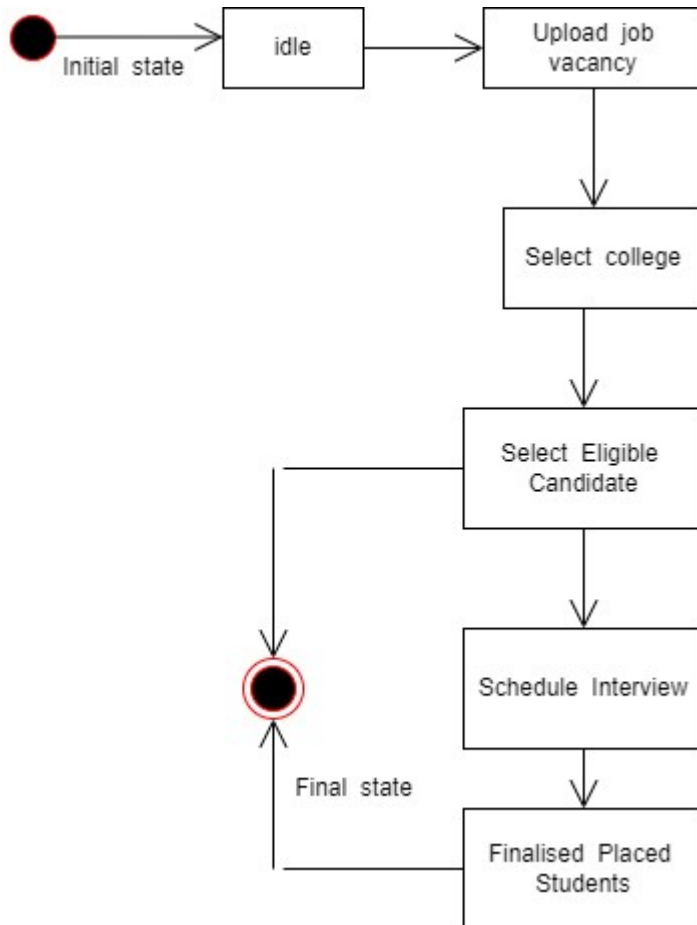
Activity Diagram



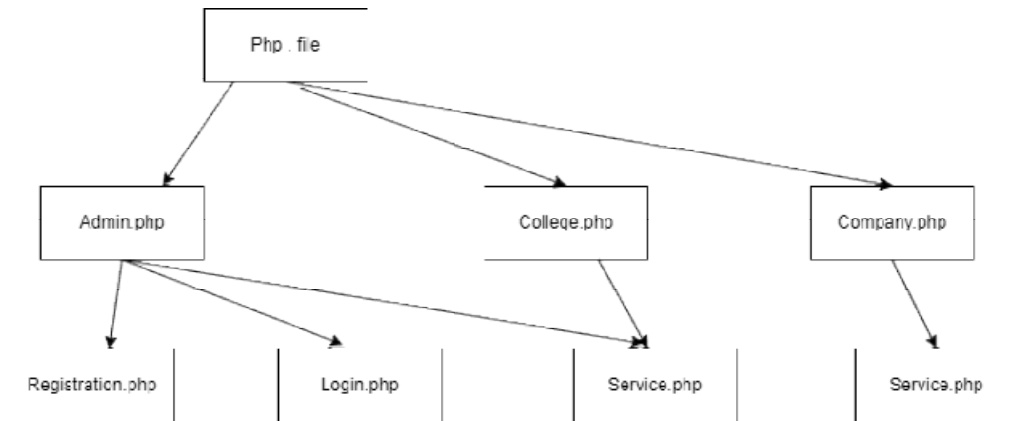
Object Diagram



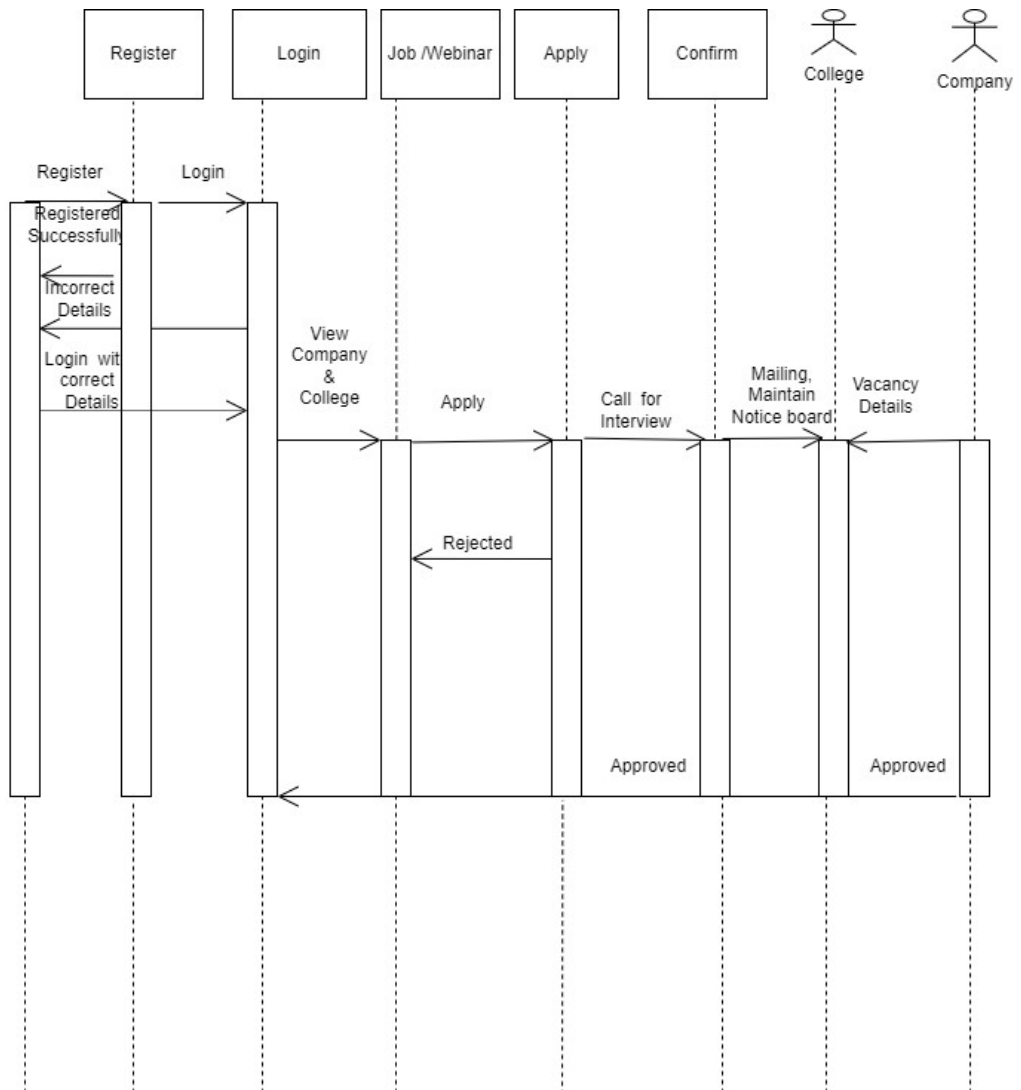
State Chart Diagram



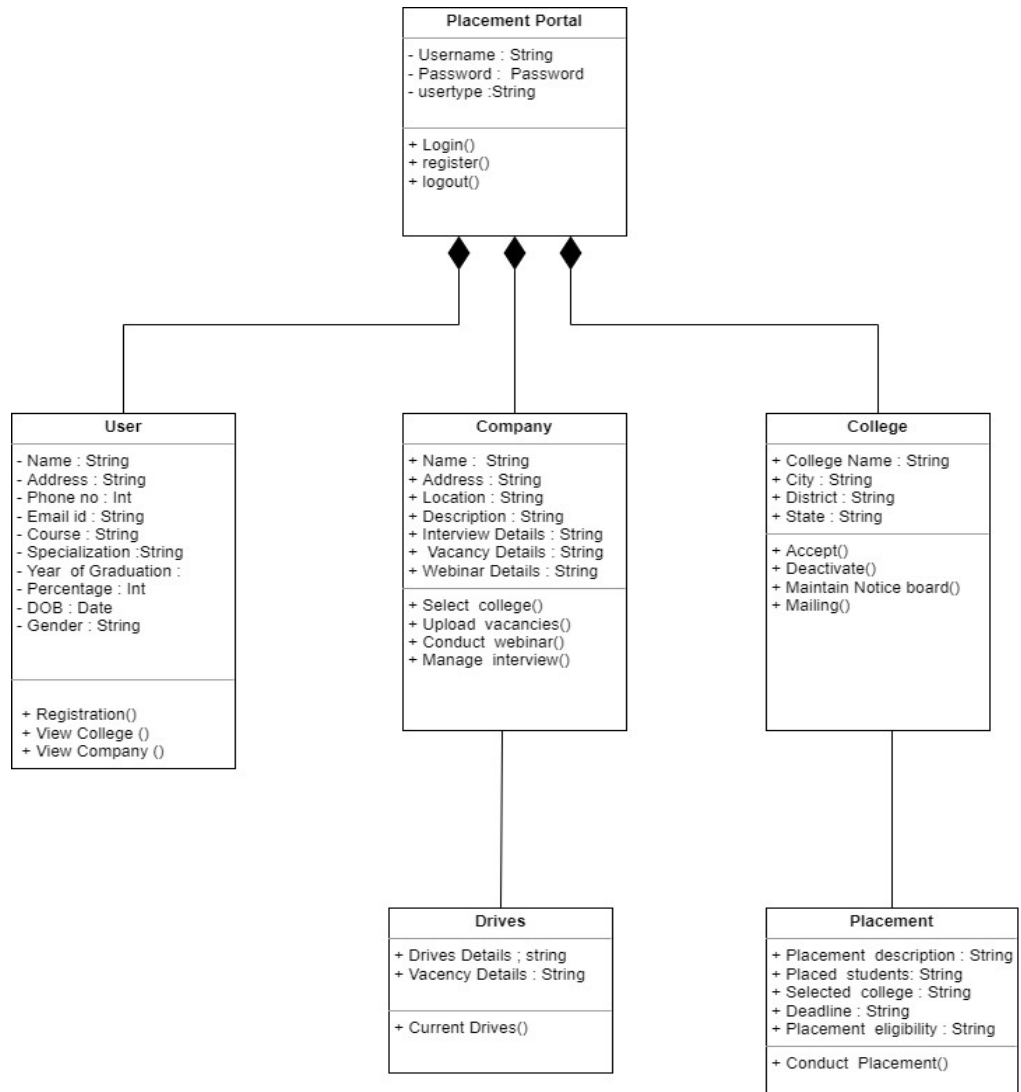
Component diagram



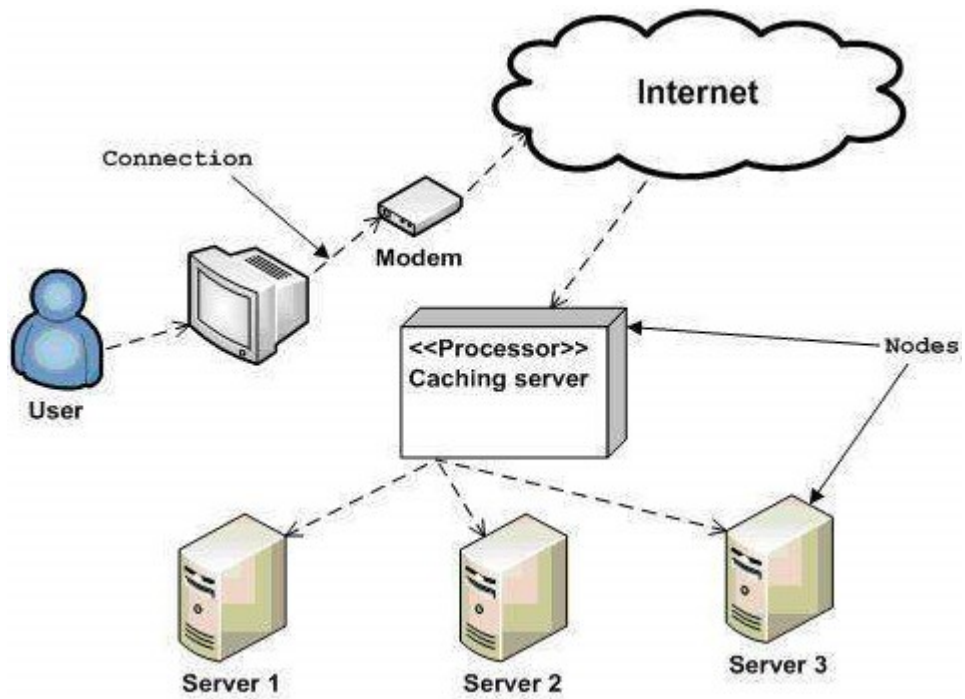
Sequence Diagram



Class Diagram



Deployment Diagram



Figma



College Registration



College Name

Address

District

State

Email ID

Course

Specialization

University

Already have an account? [Sign In](#)



Company Registration

Company Name

Address

City

State

Company Type

[Register](#)

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Username

Password

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