

# PLACEMENT CELL MANAGEMENT SYSYTEM

## SRS DOCUMENTATION

### PLACEMENT MANAGEMENT CELL SYSTEM:

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## **TITLE NAME:**

### *PlacementCell Management System*

## **INTRODUCTION :**

*PlacementCell Management System* is a total management and informative system, which provides the up-to-date information of all the students in a particular college. E Placement helps the colleges to overcome the difficulty in keeping records of hundreds and thousands of students and searching for a student eligible for recruitment criteria from the whole thing. It helps in effective and timely utilization of the hardware and the software resources.

The administrator will create the users and the users will use the accounts created by administrator. When the user enters into his respective page he can update his details, and the details are to be approved by the administrator. All the users have some common services like changing password, updating details, searching for details, checking the details, mailing to administrator, and reading the material uploaded by admin if the user is a student. Administrator has the services to add events and achievements and he can reply to the mails sent by users.

He can upload materials, search for student details, and he has the right to approve the students. This package is developed in windows platform. The programming language used is JSP with three tier architecture. Oracle is used as backend database for the details to be stored. E-PLACEMENT is a total management and informative system, which provides the up-to-date information of all the students in a particular college.

## **Purpose :**

The main objective of the Placement Management System is **to manage the details of the Student and Placement Cell, to reduce manual work and time**. To offer recruitment to applicants. It handles all the data about CGPA Mark., Placement Cell.

## **Scope of the project:**

*This project covers wide scope of information of all the students which can be stored in the format of CV's are categorized according to various streams. Various companies can access the information of students and they can maintain and update their information. Notifications are sent to students about the companies. Students can access previous information regarding.*

- *View Student Profile*
- *Company Page*
- *Company recruitment schedule Page*
- *View Recruitment Schedule*
- *View Selected List of Students*
- *Coordinator page includes ongoing page, process page*
- *Upload technical papers*

## **Intended Audience:**

The intended audience will be the customers who want to get online help through help centers.

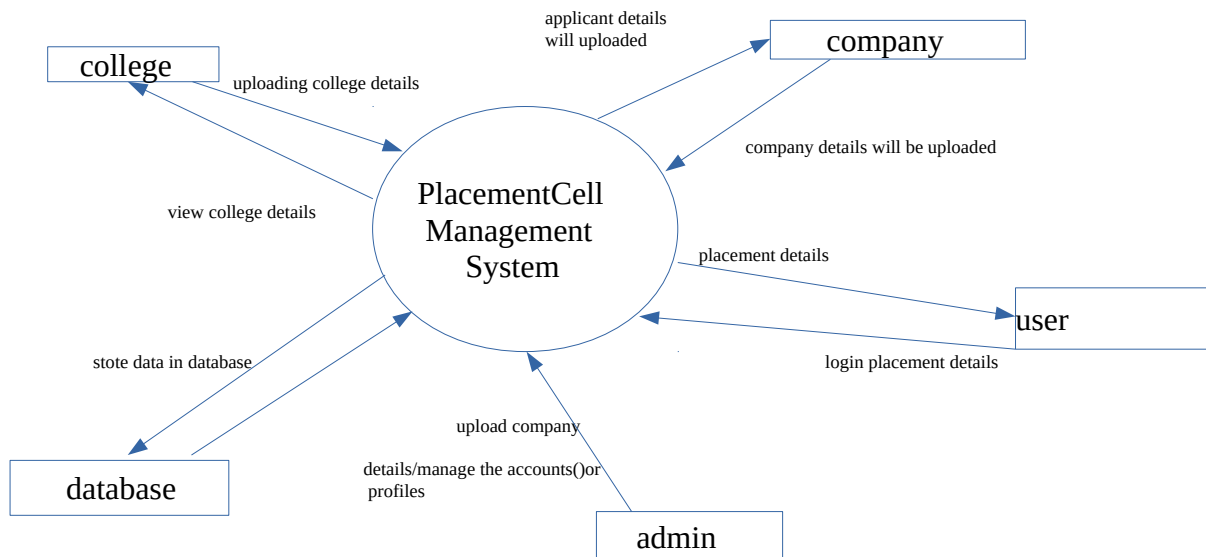
### **Stakeholders:**

- ➔ Admin: Administrator of the system.
- ➔ Users: Student of the system.

## Technologies:

- HTML
- CSS
- PHP
- MYSQL
- JAVA SCRIPT
- BOOTSTRAP

## context diagram:



## User Characteristics:

- The Users are typical computer users.
- The users are familiar with using internet

## Constraints:

N/A

## Requirements:

### Software Requirements:

- ➔ HTML
- ➔ CSS
- ➔ JAVA SCRIPT
- ➔ PHP
- ➔ JAVA
- ➔ MY SQL

### Hardware Requirements:

*A computer syytem/laptop with basic configuration.*

## Functional requirements:

This section describes the functional requirements of the system for those requirements which are expressed in the natural language style. A faculty member should be able to login to the system to the first page of the application and mention his required roll number and he should get the details of the student with that roll number. An administrator can login into his account and he will update the student information.

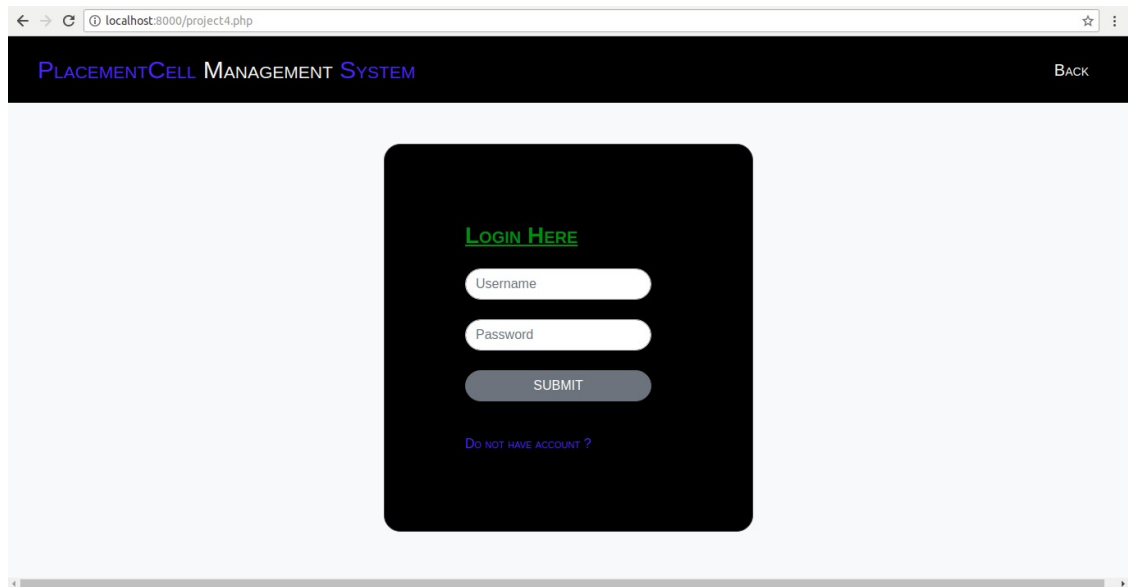
## Home Page:



## Sign Up:

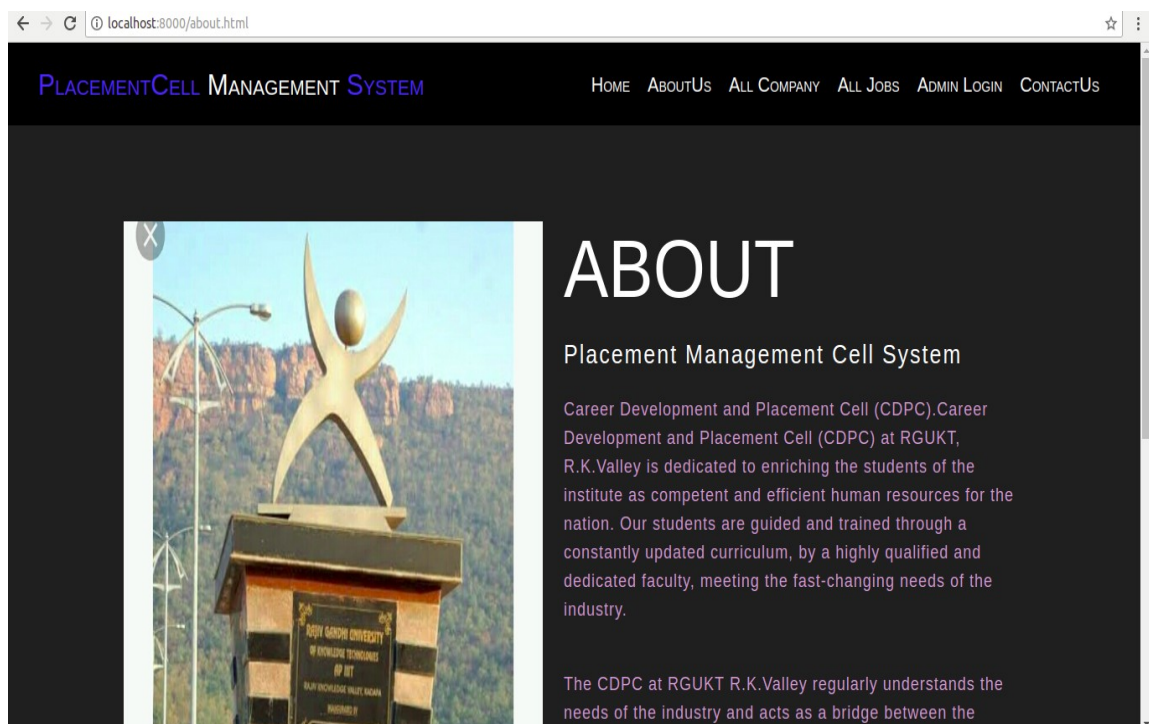
A screenshot of a web browser displaying the sign-up page of the 'PLACEMENTCELL MANAGEMENT SYSTEM'. The browser's address bar shows 'localhost:8000/signup.html'. The page has a dark header with the system name in blue and a 'BACK' link on the right. The main content area is a light gray background with a dark gray rounded rectangle in the center. Inside this rectangle, the text 'SIGNUP HERE' is displayed in green. Below it are four white input fields with gray borders, labeled 'Username', 'E mail', 'Password', and 'Confirm Password'. At the bottom of the rectangle is a gray 'SUBMIT' button.

## Login:



The screenshot shows a web browser window with the address bar displaying 'localhost:8000/project4.php'. The page has a dark header with the text 'PLACEMENTCELL MANAGEMENT SYSTEM' in blue and 'BACK' in white. The main content area is light gray and features a dark gray login box. Inside the box, the text 'LOGIN HERE' is in green. Below it are two white input fields labeled 'Username' and 'Password', followed by a gray 'SUBMIT' button. At the bottom of the box, there is a link that says 'DO NOT HAVE ACCOUNT ?' in blue.

## About Us:




The screenshot shows a web browser window with the address bar displaying 'localhost:8000/about.html'. The page has a dark header with the text 'PLACEMENTCELL MANAGEMENT SYSTEM' in blue. To the right of the header are navigation links: 'HOME', 'ABOUTUS', 'ALL COMPANY', 'ALL JOBS', 'ADMIN LOGIN', and 'CONTACTUS'. The main content area is dark gray. On the left, there is a photograph of a golden statue of a person with arms raised, standing on a pedestal. The pedestal has a plaque that reads 'RUPA GARDIA UNIVERSITY OF TECHNOLOGICAL EDUCATION (RGT) R.K. VALLEY R.K. VALLEY R.K. VALLEY'. To the right of the image, the word 'ABOUT' is written in large white letters. Below it, the text 'Placement Management Cell System' is written in white. Further down, there is a paragraph of text in white: 'Career Development and Placement Cell (CDPC). Career Development and Placement Cell (CDPC) at RGUKT, R.K. Valley is dedicated to enriching the students of the institute as competent and efficient human resources for the nation. Our students are guided and trained through a constantly updated curriculum, by a highly qualified and dedicated faculty, meeting the fast-changing needs of the industry.' At the bottom, another paragraph of text in white reads: 'The CDPC at RGUKT R.K. Valley regularly understands the needs of the industry and acts as a bridge between the'.

## All Company:


← → ↻ localhost:8000/company.html ☆ ⋮

PLACEMENTCELL MANAGEMENT SYSTEM HOME ABOUTUs ALL COMPANY'S ALL JOBS ADMIN LOGIN CONTACTUs

### ALL COMPANY'S



Name	Tata Consultancy Company
Contact	9490089275
Place	Bangloor
Email	TCS@gmail.com
<a href="#">View Details</a>	



Name	Wipro Company
Contact	9490089275
Place	Bangloor
Email	Wipro@gmail.com
<a href="#">View Details</a>	

## All Jobs:

← → ↻ localhost:8000/alljobs.html ☆ ⋮

PLACEMENTCELL MANAGEMENT SYSTEM HOME ABOUTUs ALL COMPANY'S ALL JOBS ADMIN LOGIN LogOut

### All Jobs

Job title	System Engineer
Company	TCS
Job Type	Permenant
Job Post Date	2nd March 2023
City	Bangloor
<a href="#">View Details</a>	

Job title	Backend Developer
Company	Deloitte
Job Type	Permenant

## Admin Login:

The screenshot shows a web browser window with the address bar displaying 'localhost:8000/admin.php'. The page has a dark header with the title 'PLACEMENTCELL MANAGEMENT SYSTEM' and navigation links: 'HOME', 'ABOUTUS', 'ALL COMPANY', 'ALL JOBS', 'ADMIN LOGIN', and 'CONTACTUS'. The main content area has a light gray background with the text 'ADMIN LOGIN' centered. Below this, there are two input fields labeled 'User Name' and 'Password', each with a placeholder text of the same name. A 'Submit' button is positioned below the password field. The background of the page features a blurred image of a computer keyboard.

## 1. Dashboard:

The screenshot shows a web browser window with the address bar displaying 'localhost:8000/register2.php'. The page has a green header with the title 'PlacementCell Management System' and navigation links: 'Home', 'AboutUs', 'Dashboard', 'Administration', 'Reports', 'Change Password', and 'Logout'. The main content area has a white background with the text 'WELCOME TO PLACEMENT MANAGEMENT SYSTEM' centered. Below this, there is a list of ten dark gray buttons with white text, arranged vertically: 'Home', 'About Us', 'Add Company', 'Company Report', 'Company Listing', 'Add Job', 'Job Report', 'Applicant Report', 'Change Password', and 'Logout'.



## 2.Add Company:

← → 🔄 file:///home/student/Documents/PHP/addcom.html ☆ ⋮

PlacementCell Management System   Home   AboutUs   Dashboard   Administration ▾   Reports ▾   Change Password   Logout

### ADD COMPANY:

Company Name:

Email:

Company Mobile Number:

City:

State:

Country:

Company Address:

Company Website:

UPLOAD A IMAGE:  No file chosen

## 3.Add Job:

← → 🔄 file:///home/student/Documents/PHP/addjob.html ☆ ⋮

PlacementCell Management System   Home   AboutUs   Dashboard   Administration ▾   Reports ▾   Change Password   Logout

### ADD JOB:

Job Title:

Select Company:

Job Type:

Job Post Date:

Skills Required:

City:

Job Description:

#### 4.Add Report:

← → ↻

file:///home/student/Documents/PHP/jobreport.html

☆ ⋮

PLACEMENTCELL MANAGEMENT SYSTEM

HOME ABOUTUS DASHBOARD ADMINISTRATION REPORTS LOGOUT

Job Report

Show 7 Entries

Search

Search

Id	Job title	Company	job Type	Job Post type	Job City	Action
1	System Engineer	TCS	Permenant Job	2st March 2023	Bangloor	<a href="#">Click Here</a>
2	Backend Developer	Deloitte	Permenant	9nd March 2023	Hyderabad	<a href="#">Click Here</a>
3	Frontend Developer	Wipro	Contract	23nd March 2023	Chennai	<a href="#">Click Here</a>
4	UI Developer	Infosys	Permenant	3rd April 2023	Mumbai	<a href="#">Click Here</a>
5	Backend Developer	TCS	Permenant	13th April 2023	Delhi	<a href="#">Click Here</a>
6	UX Designer	Infosys	Contract	23rd May 2023	Chennai	<a href="#">Click Here</a>
7	Frontend Developer	Intel	Permenant	9th June 2023	Hyderabad	<a href="#">Click Here</a>

#### Contact Us:

← → ↻

localhost:8000/contact.html

☆ ⋮

PLACEMENTCELL MANAGEMENT SYSTEM

HOME ABOUTUS ALL COMPANY ALL JOBS ADMIN LOGIN CONTACTUS

Contact Us

NAME

COMPANY

PHONE

EMAIL

MESSAGE

SEND

RESET

Rgukt Rk Valley

08588-283603

director@rguktrkv.ac.in

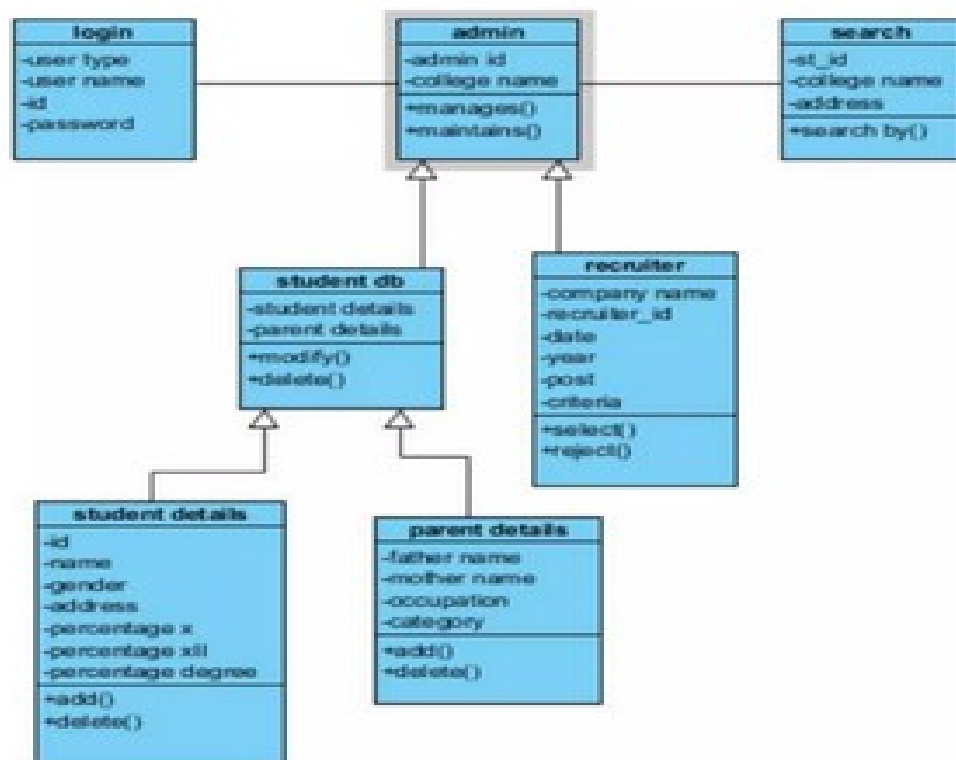
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*The below table provides the set of use visible events that defines the functionalities that are in the PMS.*

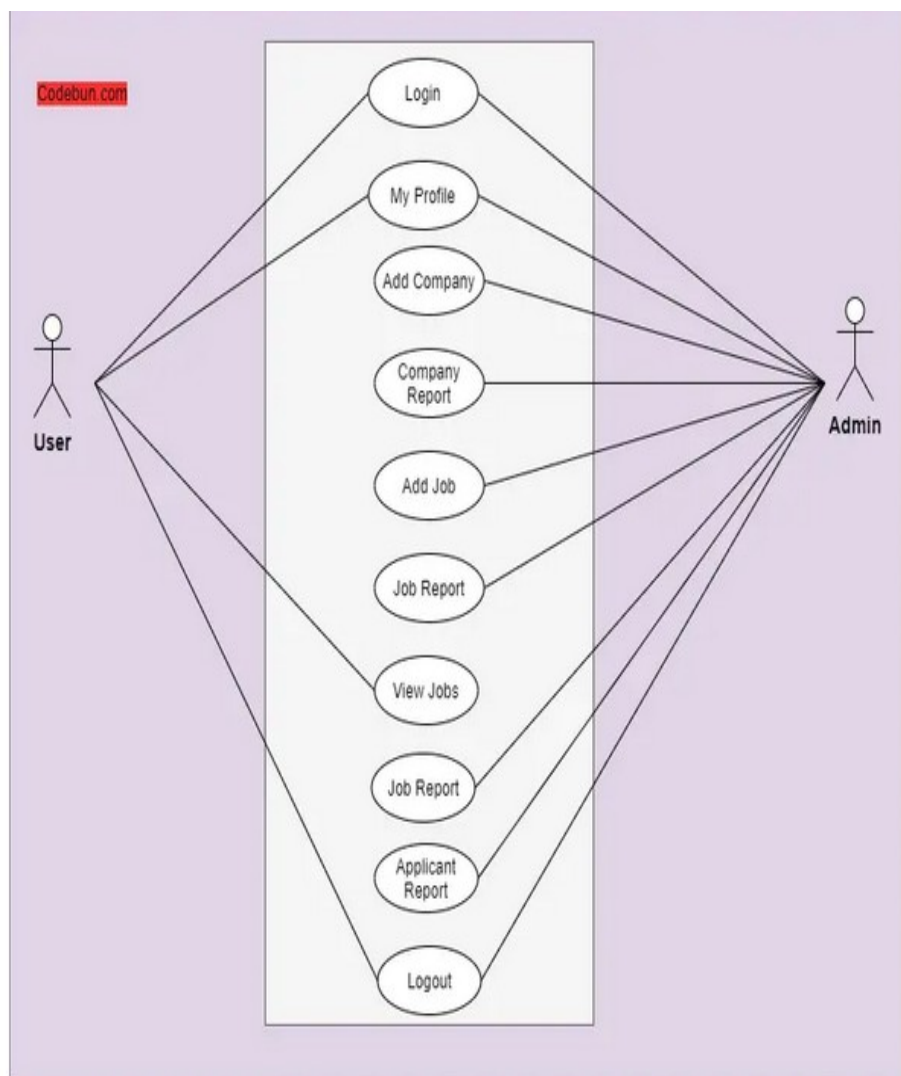
	Actor	Action	Object	Frequency	Arrival pattern	Response
1	Student	visit	Website	1/day	Episodic	Website home page is visible
2	Student	Sing up	Website	1/day	Episodic	successful
3	Student	Login in	Website	1/day	Episodic	successful
4	Student	Enter	Home page	1/day	Episodic	Page open and perform activities
5	Student	Enter	About us	1/day	Episodic	Page open
6	Student	Enter	All company	1/day	Episodic	Page open and perform activities
7	Student	Select	View details	1/day	Episodic	Page Shows the details of company
8	Student	select	View jobs	1/day	Episodic	Page shows tha all jobs details
9	Student	select	Job details	1/day	Episodic	Page shows the job details
10	Student	select	Applay for job	1/day	Episodic	Page shows the applay for job
11	Admin	Login	website	1/day	Episodic	successful
12	Admin	Enter	Add company	1/day	Episodic	Add companies
13	Admin	Enter	Add jobs	1/day	Episodic	Add jobs
14	Admin	Select	Report	1/day	Episodic	Page shows options
15	Admin	Enter	Company report	1/day	Episodic	Page shows company repors and perform activities
16	Admin	Enter	Company listing	1/day	Episodic	Page shows the all company details
17	Admin	Enter	Applicant report	1/day	Episodic	Page shows the applicant details and perform the activities
18	Admin	Enter	Job report	1/day	Episodic	Page shows the report of the job
19	Admin	Select	Change password	1/day	Episodic	Change the password
20	Admin	Logout	website	1/day	Episodic	Admin logout the page

## UML diagram:

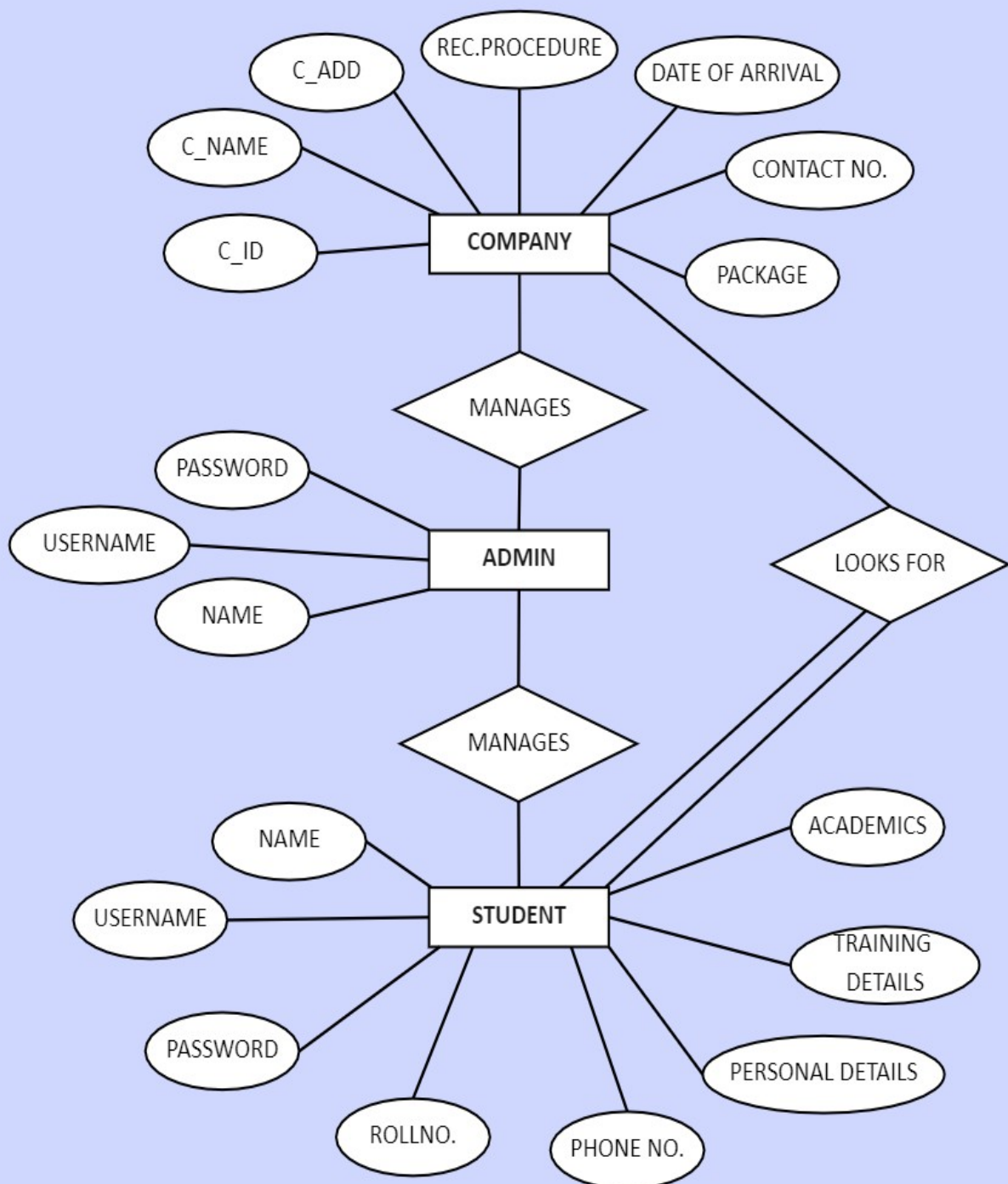
### class diagram:



**Usecase Diagram:**



**ER DIAGRAM:**



## **Non-Functional Trequirements:**

### ✓ **Usability:**

*This section includes all of the those requirements that effect usability we get the response within the seconds*

*The software must have a simple user-friendly interface so custmers can save time&confusion*

### ✓ **Interface:**

*The user interface is based on the web browser.the application is devloped using html and php*

*The interface design is aimed at a flexible front-end communication to provide the user with clear information in navigation a user friendly interface is planned*

### ✓ **Availability:**

*The website ia available for 24 hours a day it is always available for user to contact via email*

### ✓ **Efficiency:**

*It is efficient for all users.because it is easy to we and easy to understand it has simple way of work that user want to do.*

## **Conclusion:**

*In the existing system most of the the work will be done manually, as it takesmore time for any changes in the system. The major problem with this existing system are notification method available is not available for giving information about student expect the notice board or circulars.*

*The proposed system is online placement management system gives the automation in all the process of campus recruitment, searching student details individually. This system in future could be joined to Sms server so that it can notify the message to students via Sms for upcoming companies.*