

Project III PPT on
UNIT Placement Management Portal

Submitted by
Srushti Jadhav-21
Komal Kamble-26
Sakshi Kanvilkar-30

Under the guidance of
Prof.Prachi Dhannawat



Introduction

- In today's modern , sophisticated and fast world, Online Placement Cell have become a medium of communication among the students over Internet.
- Every institution needs a placement management system in order to make student placement programs effective for all parties.
- The project's goal is to provide a portal for the college's placement department.

Objective

- Efficient Placement Process
- Enhanced Student Experience
- Timely Notifications
- Documentation and Reporting
- Continuous Improvement

Literature Survey

Paper	Title	Key features	Technology used
1.	Placement System	Web-based system, minimal manual work, modularity, security.	Web application
2.	College Placement management	Web-based application, student information, CV generation, time-saving.	Windows Platform
3.	Training and Placement automation.	Web application, one-time student registration, student information management.	Web application
4.	Job Application Management	Student profiles, eligibility criteria, CRUD operations, MVC pattern.	JSP, MySQL
5.	Web Portal for Placement Department	Web portal, access throughout the organization, student and job information, Laravel framework.	Web application
6.	College Placement Automation	Web application, modules for students and placement officers, communication channel, email alerts.	Web application

Problem Statement

- The training and placement department of a college faces challenges in gathering and updating student profiles and documents.
- Currently, students manually update a shared Google Sheets document, which is time-consuming and prone to errors.
- Streamlining this process is crucial for efficient data management and facilitating communication with companies.

Existing System

- The college provides placement related notifications, which is happening in our college on whatsapp groups.
- Placement officers maintain the information about students using Google Sheets.
- The existing college website is not interactive with students, which means there is no login for students or no information is collected about them.

Proposed System

- ***Comprehensive Platform***: Develop a user-friendly website for the college's placement cell with dedicated modules for students, admins, and companies.
- ***Key Features***: Enable students to manage profiles, upload resumes, apply for jobs, access event schedules, study materials, and seek assistance for queries. Empower admins to oversee student and company data, post schedules, provide study materials, and address student inquiries. Enable companies to view applicant profiles and manage job postings.
- ***Robust Infrastructure***: Implement secure login/authentication, database management, and ensure scalability for future growth. Additionally, offer support, and documentation for seamless operation and maintenance.

Methodology

- Gathering Information and Requirements
- Designing Backend
- Designing Frontend
- Testing

Data Flow Diagram

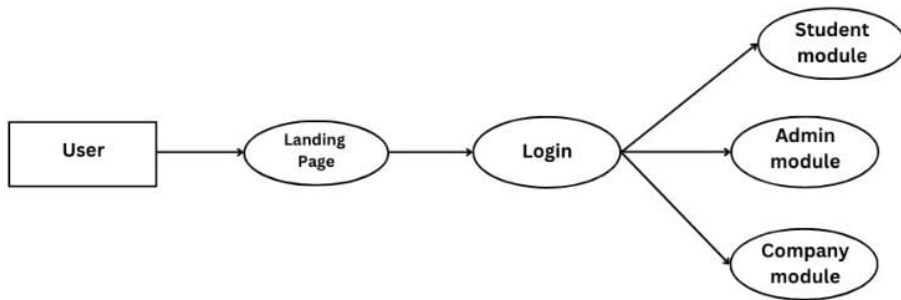


Figure: DFD level 0

Data Flow Diagram

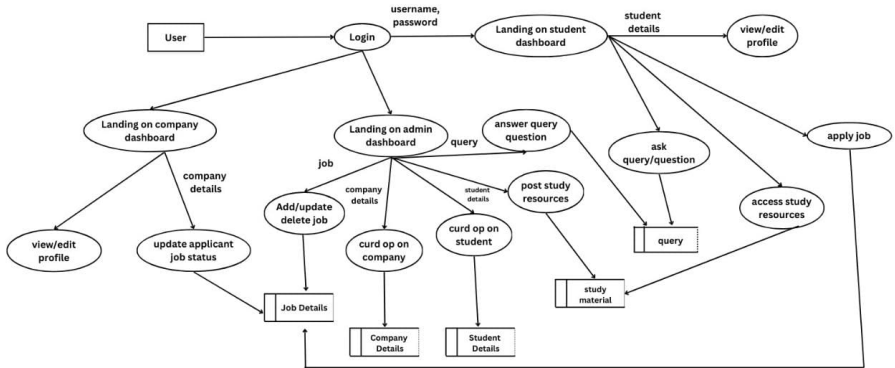


Figure: DFD level 1

Click Here.

Data Flow Diagram

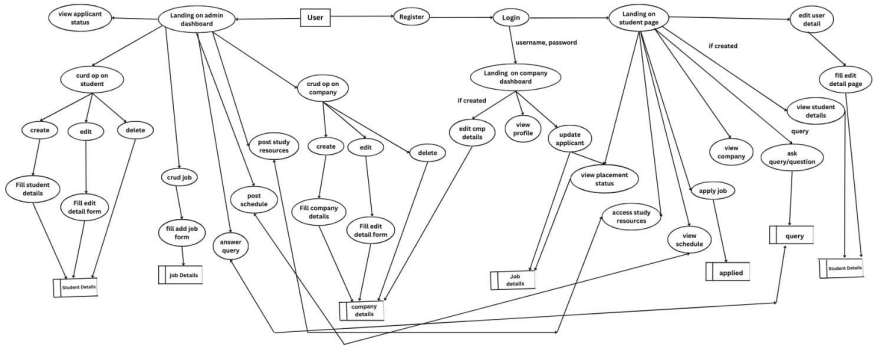


Figure: DFD level 2

[Click Here](#)

Use Case Diagram

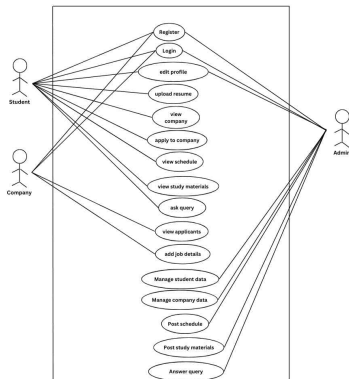


Figure: Overall Use Case Diagram

[Click Here](#)

Class Diagram

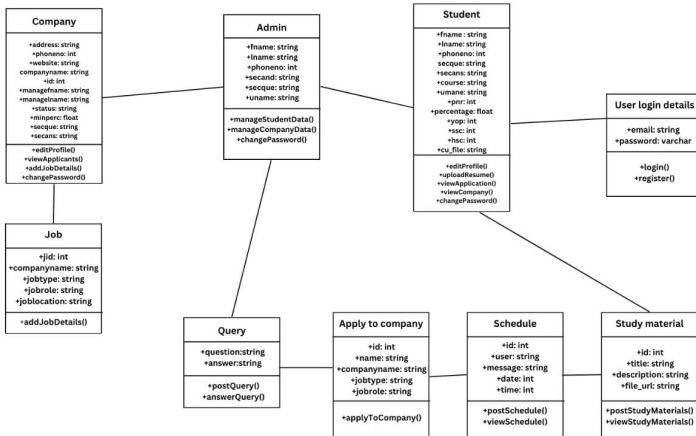


Figure: Class Diagram

Click Here

ER Diagram

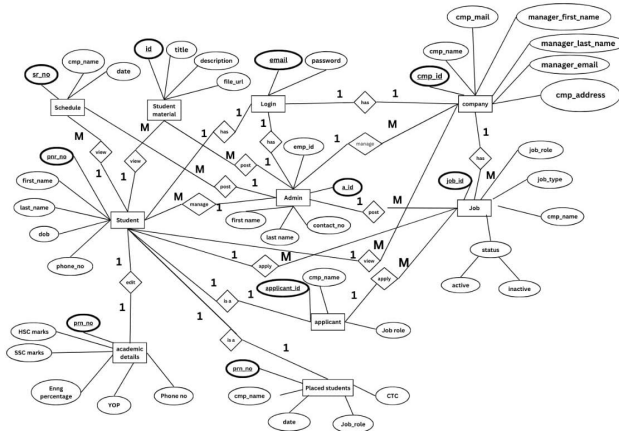


Figure: ER Diagram

Click Here

Programming Languages and Tools

- PHP
- MySQL
- HTML
- CSS
- Javascript
- Xampp
- Bootstrap
- Microsoft Visual Studio Code

Hardware Requirements

- **Operating System** : Windows, Linux Or MacOS
- **Processor** : Dual-core processor Or higher
- **RAM** : 1GB or higher
- **Storage** : Atleast 20GB of free disk space
- **Internet Connection**
- **Latest Browser:** Google Chrome, Edge

Special Features

- Chatbot
- Data Security
- Social Media Post
- Email Notification
- Alumni Map
- Visual Representation

Advantages

- Efficiency
- Accessibility
- Time and Cost
- Data Centralisation
- Real time update
- Data Security and Integrity

Conclusion

Our website is secure and user-friendly for all the three modules. We have successfully created all three modules. With the introduction of this web based training and placement portal we promise to make the lives of students and administration a little easier by proposing an alternative for the current system being used.

Future Scope

- We can create a platform for alumni to mentor current students, share career insights, and facilitate job referrals.
- Furthermore, the introduction of an alert domain dedicated to students could greatly improve communication and engagement.

References

- <https://www.ijraset.com/research-paper/placement-management-system>
- [https://www.ijert.org/research/online-training-and-placement-management-system IJERTCONV4IS22035.pdf](https://www.ijert.org/research/online-training-and-placement-management-system-IJERTCONV4IS22035.pdf)
- <https://www.linkedin.com/pulse/placement-management-system-aluri-gayatri/>
- <https://www.creatrixcampus.com/placement-management-software>
- <https://placement-management.vercel.app/>

End

THANK YOU...