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Project Report/Seminar report On

Career Connect

Submitted in partial fulfillment of the requirements for the award of the degree of

Bachelor of Technology

in

Computer Science & Business Systems

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CERTIFICATE

This is to certify that the project report/seminar report entitled ***"Career Connect"*** *is a bonafide record of the work done by* ***Amal Thomas (U2109008), Mohammed Ahsan (U2109045), Rohan Johnson (U2109058), Rohit Menon (U2109059)****, submitted to the Rajagiri School of Engineering & Technology (RSET) (Autonomous) in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology (B. Tech.) in "Computer Science And Business Systems " during the academic year 2021-2025.*

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Abstract

In the rapidly advancing landscape of educational technology, this abstract delves into the transformative potential of an innovative student placement system. This forward-thinking solution aims to revolutionize the placement process within engineering colleges, fostering seamless connections between students and potential employers. Leveraging cutting-edge technology, the system offers a user-friendly interface for students, companies, and administrators alike.

Upon entering the student dashboard, individuals encounter a personalized experience where they can upload essential details, including images, date of birth, name, branch, and CGPA. The dashboard enables students to view eligible companies, post interview questions, and access a repository of questions from previous interviews. This streamlined approach enhances the efficiency and transparency of the placement process, reducing wait times and facilitating effective communication.

On the company side, the dashboard provides a comprehensive profile management system. Companies can declare the opening/closure of placement drives, set eligibility criteria for potential candidates, and access a list of eligible students. This not only simplifies the recruitment process for companies but also ensures a targeted approach to finding suitable candidates.

The admin dashboard offers a centralized hub for monitoring and managing the entire placement ecosystem. Divided into five key sections, the admin dashboard provides detailed reports on company statistics, student overviews, individual student reports, branch-wise analytics, and a comprehensive log table recording all user activities.

Looking to the future, potential enhancements include the integration of advanced analytics, automated notifications, and export/reporting tools to provide deeper insights and streamline administrative tasks. This innovative student placement system strives to address common challenges in the placement process, creating a dynamic and efficient platform for students, companies, and administrators.

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List of Abbreviations

1. API: Application Programming Interface
2. CGPA: Cumulative Grade Point Average
3. CSS: Cascading Style Sheets
4. DFD: Data Flow Diagram
5. E-R: Entity-Relationship Diagram
6. HTML: Hypertext Markup Language
7. HR: Human Resources
8. IDE: Integrated Development Environment
9. IT: Information Technology
10. JS: JavaScript
11. MySQL: A relational database management system
12. UML: Unified Modeling Language

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Chapter 1

Introduction

1.1 Project Overview

Our project endeavors to transform the landscape of student placements within our engineering college by introducing an innovative Student Placement System. The central objective is to develop a robust and user-centric platform, bridging the gap between students and potential employers. Leveraging cutting-edge technologies, this system seeks to modernize traditional placement processes, ultimately improving job placement outcomes.

1.1.1 Evolution of Placement Processes

Traditional student placement approaches often involve manual processes, extended waiting periods, and a lack of real-time information. Acknowledging the need for a dynamic and responsive system, our project integrates advanced technology to enhance the overall placement experience for students and employers.

1.1.2 Addressing Challenges

Current placement procedures encounter challenges such as information asymmetry, cumbersome application processes, and limited interaction between students and employers. Our project aims to tackle these challenges by providing a platform that offers comprehensive information, simplifies application processes, and fosters improved communication between students and potential employers.

1.1.3 Adapting to Changing Dynamics

In a dynamic and competitive job market, the project aligns with the evolving expectations of both students and employers. By incorporating modern technologies, our goal

is to create a platform that not only addresses current needs but also anticipates future trends in the recruitment and placement domain.

1.2 Problem Definition

Users currently navigate through multiple platforms for various aspects of the placement process, leading to inefficiencies. Both students and companies face challenges in optimizing resource allocation and providing personalized services. The lack of comprehensive insights into personalized student placement itineraries highlights a significant gap in efficient placement management.

1.3 Scope and Motivation

The project scope encompasses the creation of a user-friendly application tailored for students, enabling them to seamlessly navigate and engage in the placement process. The overarching goal is to deliver a personalized and stress-free placement experience. This project also involves developing a solution seamlessly integrated into existing placement cell technology, providing the college with a valuable addition to their offerings.

Our motivation for undertaking this project stems from the desire to streamline and enhance the student placement experience within our engineering college. Witnessing the positive impact of efficient placement processes has ignited our passion to contribute to the enhancement of placement procedures. This commitment is driven by a collective vision to create a comprehensive solution aligned with industry standards.

1.4 Objectives

- Develop a cohesive Student Placement System to streamline placement processes.
- Provide students with a personalized dashboard showcasing essential information.
- Enable companies to seamlessly declare and manage placement drives.
- Enhance communication between students and potential employers.
- Address challenges in traditional placement processes, including information gaps and lengthy procedures.
- Embrace modern technologies to set a new standard for student placements.

1.5 Challenges

Addressing the challenges inherent in our project involves tackling issues such as user input errors, mitigating potential internet connectivity issues, and navigating hurdles in the application and selection process. Streamlining user input processes, implementing resilient connectivity solutions, and establishing robust communication channels are paramount to ensuring a seamless and reliable experience for both students and employers in our student placement system.

1.6 Assumptions

We presume that users will provide accurate information during the placement process, ensuring data reliability. Stable internet connectivity is expected for real-time interactions with the system, and any potential issues will be promptly addressed in collaboration with relevant parties. Assumptions also include system compatibility across various devices, adherence to data privacy regulations, and positive user adoption of new features and functionalities.

1.7 Industrial Relevance

Our student placement system holds broad applications, providing significant relevance to both educational institutions and the corporate sector. In the societal context, the

application facilitates streamlined and personalized placement experiences for individual students, contributing to stress reduction and enhancing overall satisfaction. The system is highly relevant within the educational industry as it addresses common challenges faced by students and colleges, optimizing resource allocation and improving overall operational efficiency.

1.8 Organization of the Report

This report is structured into 8 chapters, complemented by 2 appendices, ensuring a systematic and comprehensive exploration of our project.

1. Chapter 1: The foundation for the entire report, encompassing the project's background, scope, motivation, objectives, challenges, assumptions, and industrial relevance. This primer sets the stage for a detailed examination of the project.

2. Chapter 2: we delve into a thorough literature review contextualizing the project's development. The methodology section outlines our approach and the technologies chosen. Critical analyses of existing systems and technologies are presented, highlighting how our project addresses their advantages and disadvantages.

3. Chapter 3: the core of this report, delves into the intricacies of the system architecture. It provides a detailed explanation of the various components and modules constituting the system, elucidating their interrelationships. The chapter also justifies the chosen system architecture, detailing how it aligns with the project's goals and requirements.

4. Chapter 4: This Chapter outlines both software and hardware requirements. It provides specifications for the necessary hardware components and the software stack. The chapter explains how the selected hardware and software configurations fulfill the specific needs of the project.

5. Chapter 5: Provides a comprehensive overview of the design process, offering detailed explanations and justifications for the employed design and modeling techniques. This includes Data Flow Diagram (DFD) and Entity-Relationship Diagram (E-R Diagram), alongside a suite of UML diagrams—Use Case Diagram, Sequence Diagram, Activity Diagram, and Class/Object Diagram.

6. Chapter 6: Dedicated to presenting the outcomes, Chapter 6 critically examines the results, comparing them against anticipated outcomes. This chapter engages in a thorough discussion of the project's strengths and areas for improvement, offering valuable insights for future endeavours.

7. Chapter 7: Summarizes the key findings of the project, outlining its implications for the organization. The chapter concludes with recommendations for future work, providing a comprehensive closure to the report and leaving readers with a clear understanding of the project's impact and potential future directions.

8. Chapter 8: Our project aimed to transform student placements within our engineering college by introducing the innovative Student Placement System. Through this endeavor, we successfully modernized traditional placement processes, significantly improving job placement outcomes by bridging the gap between students and potential employers.

   By integrating advanced technology, we addressed challenges such as information asymmetry, cumbersome application processes, and limited interaction between students and employers. Our system adapts to the changing dynamics of the job market and provides a user-centric platform, offering comprehensive information, simplified application processes, and enhanced communication.

   Challenges, including user input errors and internet connectivity issues, were carefully managed to ensure a seamless experience for both students and employers. Assumptions about data reliability, system compatibility, and user adoption were crucial in shaping our robust Student Placement System.

   Beyond the educational sector, our system offers streamlined placement experiences for individual students and enhances operational efficiency for educational institutions and employers. It sets a new standard for future placement processes, aligning with industry standards and evolving needs.

   In summary, our project's comprehensive solution has enhanced the student placement experience, fulfilling current needs and standing as a testament to our commitment to innovation in the placement domain.

Chapter 2

Literature Survey

This chapter delves into existing knowledge to establish the foundation for our Placement Cell System. It critically analyzes relevant publications and studies to synthesize insights on technologies, user expectations, and industry trends.

2.1 Student-Adapted Placement Cell System

In this study, the development of a Student-Adapted Placement Cell System (SAPCS) is explored. The system focuses on personalized features, eligibility tracking, company recommendations, and interview question sharing, ensuring adaptability for an enhanced placement experience.

Advantages

- Novel approach tailored to individual student needs.
- Personalized features for eligibility tracking and company recommendations.
- Integration of a feedback mechanism for continuous improvement.

Challanges

- Addressing potential user input errors and ensuring seamless connectivity.
- Navigating issues related to payment processing and user adoption.

[1]

2.2 User Perceptions in Placement Cell Websites

This study investigates user perceptions in Placement Cell websites, considering both students and company representatives. A user-centric model evaluates the effectiveness

of website features such as company descriptions, interview details, and application status.

Advantages

- Utilization of a user-centric model for evaluating website effectiveness.
- Identification of key features influencing user perceptions.
- Emphasis on personalized features for students and company representatives.

Challanges

- Limited generalizability due to potential sample size constraints.
- Ensuring effective communication and interaction on the website.

[2]

2.3 Impact of Placement Results on Student Engagement

Exploring the long-term impact of placement results on student engagement within the Placement Cell system, this study uncovers nuanced dynamics. Transparent communication and personalized feedback play a crucial role in influencing students' future engagement.

Advantages

- Exploration of the long-term impact of placement outcomes on student engagement.
- Recommendations for fostering continued student participation.

Challenges

- Balancing transparency in communication without causing undue stress.
- Adapting strategies based on individual student needs and preferences.

In conclusion, these literature reviews provide essential insights into the development of an efficient and user-friendly Placement Cell System, considering the specific needs of students and company representatives. These insights are critical for the successful design and implementation of our Placement Cell website.

Chapter 3

System Architecture

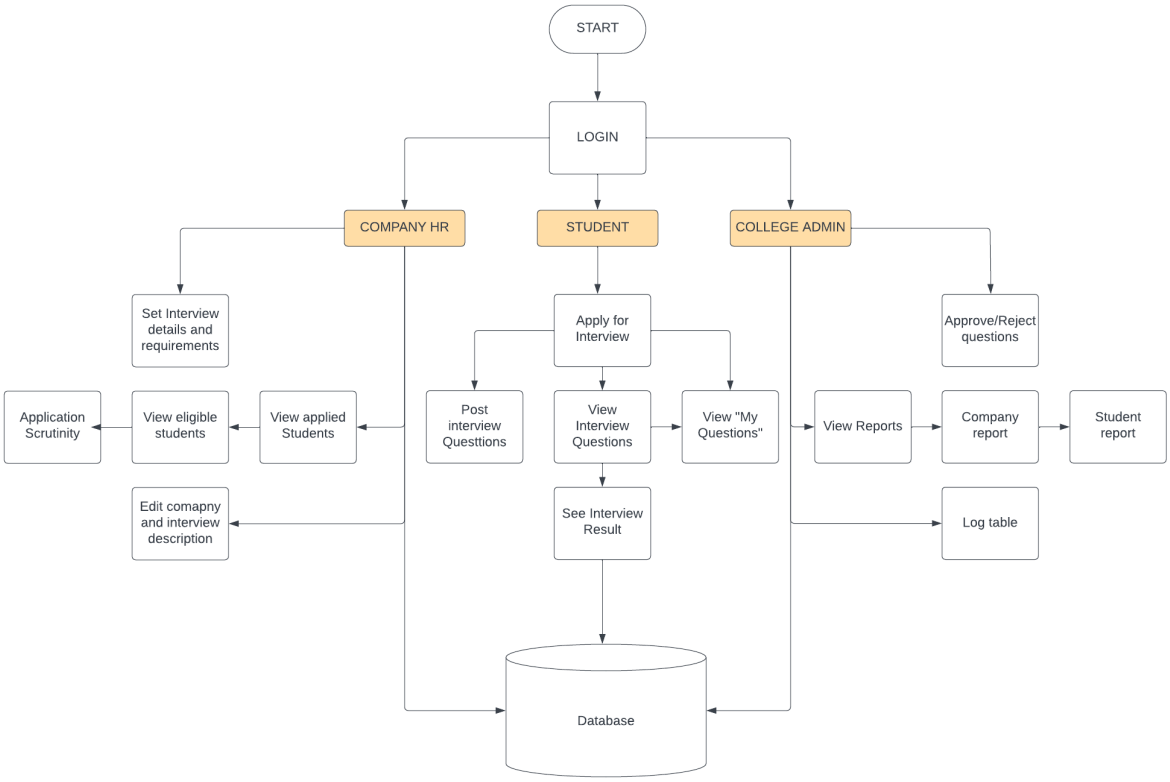

Figure 3.1: Block Diagram

The system architecture for our online placement cell website serves as the backbone, defining the structure, interactions, and flow of operations that connect students and employers. This chapter delves into the intricacies of how the system is organized, illustrating the connections between its key components and detailing the functionalities for both user roles—student and employer. The architecture is designed to ensure a seamless and efficient recruitment process, reflecting a user-centric approach and facilitating smooth interactions at every stage.

3.1 System Architecture Detailed Explanation:

The depicted block diagram(Figure 3.1) offers a detailed insight into the intricate system architecture governing the online placement cell platform. This architecture revolves around two primary user roles: the student, seeking placement opportunities, and the employer, searching for talented candidates.

3.1.1 User Interactions and Login:

The system initiation is grounded in user interactions, guiding both students and employers to the login block. Once initiated, a crucial aspect is the identification of the user role—student or employer—following a successful login attempt. In cases of login failure, users are redirected to the login block for retrial, ensuring stringent security measures.

3.1.2 Student Role:

1. **Profile Management:** Upon successful login, students gain access to a comprehensive dashboard where they can manage their profiles, including updating academic information, skills, and upload resumes.

2. **Job Search and Application:** Students can browse job postings filtered by criteria like industry, job type, and location. They can express interest in relevant opportunities by applying directly through the platform, streamlining the application process.

3. **Company Research and Communication:** Students can research participating companies, view company profiles, and initiate communication with company representatives, fostering direct engagement.

4. **Interview Scheduling and Notification:** The system facilitates interview scheduling, allowing students to book slots for interviews with interested employers and receive timely notifications about upcoming interviews.

5. **Placement Tracking and Outcome Updates:** Students can track their placement progress through the platform, monitor application statuses, and update their placement outcomes once they secure employment.

3.1.3 Company Role

1. **Job Posting and Management:** Employers can post job openings, specifying eligibility criteria, desired skills, and job descriptions. They can manage applications received, shortlist candidates, and schedule interviews through the platform.

2. **Student Search and Profile Review:** Employers can search for students based on specific skills, academic backgrounds, and other relevant criteria. They can access and review student profiles, shortlist potential candidates, and initiate communication directly through the platform.

3. **Interview Scheduling and Management:** Employers can schedule interviews with shortlisted candidates, manage interview slots, and send interview invitations through the platform.

4. **Placement Outcome Tracking:** Employers can track their recruitment progress through the platform, monitor the status of job postings, and analyze placement outcomes.

3.1.4 Database Management and System Updates:

A central database securely stores all student and employer data, job postings, application information, and communication records. The system dynamically updates the database after each user interaction, ensuring real-time access to accurate information for both students and employers.

3.1.5 User Interface and Security:

The website features a user-friendly interface designed for intuitive navigation and ease of use. A focus on accessibility ensures all users can interact with the platform effectively. Robust security measures protect user data and ensure the integrity of the platform.

[3]The system architecture outlined in this chapter lays the foundation for an efficient and user-friendly online placement cell. By facilitating seamless interactions between students and employers, the platform streamlines the recruitment process, enhances job placement outcomes, and empowers both students and employers to achieve their goals.

Chapter 4

Requirements

The requirements section serves as a critical link between the conceptualization and implementation phases of our Placement Cell Management System. In this section, we detail the specific needs and functionalities that the system must address, offering clear guidance for developers and stakeholders alike.

4.1 Hardware Requirements

To ensure optimal performance and seamless operation, our Placement Cell Management System requires specific hardware components. A robust **multi-core processor** forms the computational backbone, facilitating efficient task handling and responsiveness. With a **minimum of 4GB of RAM**, the system accommodates concurrent processes and data handling, ensuring a smooth user experience. A **stable network environment** is paramount, enabling real-time interactions between users and the system. **Compatibility with various operating systems** enhances accessibility and usability, allowing users to engage with the platform on a variety of devices. These hardware prerequisites collectively contribute to the system's robustness, reliability, and overall effectiveness in delivering an intuitive and responsive placement cell experience.

4.2 Software Requirements

Integrated Development Environment (IDE): Visual Studio Code
Mark-up Languages: HTML & CSS
Programming Languages: JavaScript & Python
Database: MySQL

The integrated development environment (IDE) for coding and development is Visual Studio Code, offering a user-friendly interface and powerful tools for our development team. Markup languages HTML and CSS are employed for creating structured and visually appealing web pages, contributing to an intuitive user interface. The core functionalities and dynamic elements of the system are implemented using JavaScript, enabling interactive and responsive features that enhance the overall user experience. Python, a versatile programming language, is utilized to address various backend processes, ensuring the seamless integration of data and functionalities. For data storage and retrieval, MySQL serves as the database management system, chosen for its reliability and scalability in managing diverse data related to student details, company information, and placement records.

4.2.1 Technological Tool:

Web Framework: Flask

[4] In conclusion, the outlined hardware and software requirements establish the foundation for a reliable and efficient Placement Cell Management System. The specified multi-core processor, ample memory, stable network, and compatible operating system provide the necessary hardware support. On the software front, the selection of Visual Studio Code, HTML, CSS, JavaScript, Python, and MySQL ensures a well-rounded development environment. These requirements collectively contribute to the system's functionality, performance, and user experience, meeting the demands of a seamless and responsive application.

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Chapter 5

Design and Modeling

Chapter 5 provides a comprehensive overview of the design process, offering detailed explanations and justifications for the employed design and modeling techniques. The models include Data Flow Diagrams (DFD), Entity-Relationship (E-R) Diagrams, and Unified Modeling Language (UML) diagrams, encompassing Use Case Diagrams, Sequence Diagrams, Activity Diagrams, and Class/Object Diagrams. Each model plays a crucial role in elucidating the system's structure, interactions, and data flow, contributing to a thorough understanding of its design principles and enhancing its potential for seamless operation.

5.1 Data Flow Diagram

Data Flow Diagrams (DFDs) serve as visual tools illustrating how information moves within our system. These diagrams aid in designing a streamlined data flow, contributing to the efficiency of our processes and enhancing user experiences.

5.1.1 Level 0 DFD

The Level 0 DFD provides a high-level overview of the data flows within a placement management system.

- Apply for Interview:

  Student sends application data to the Placement Management System.

- Host Interview:

  Company HR sends interview details to the Placement Management System. Placement Management System sends interview notifications to students. Interview re-

sults are sent back to the Placement Management System.

- Manage:

  Placement Management System sends insights and reports to College Admin. Placement Management System receives applications from students

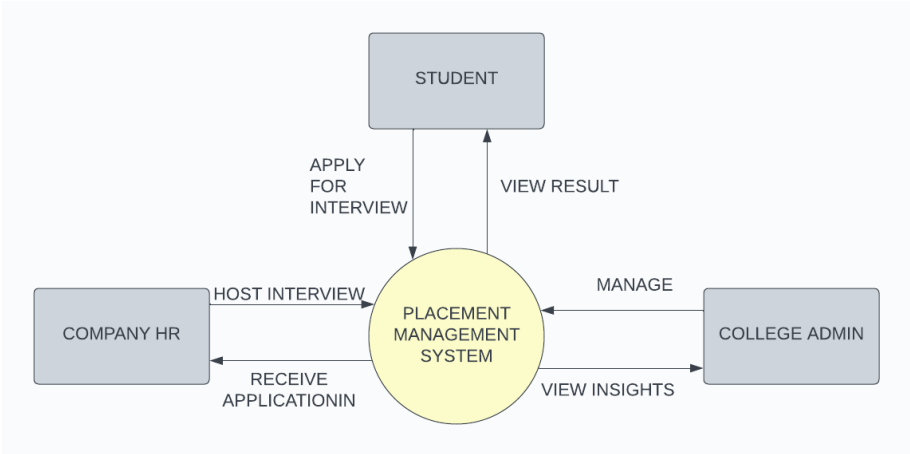


Figure 5.1: Level 0 DFD

5.1.2 Level 1 DFD

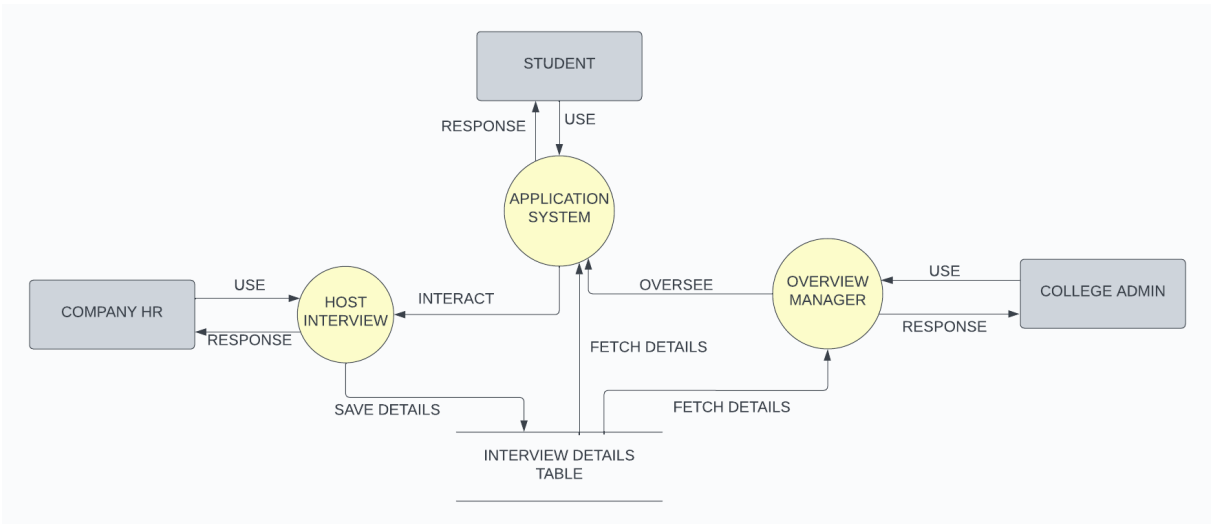


Figure 5.2: Level 1 DFD

The Level 1 DFD provides a breakdown of the main processes, external entities, and

data flows involved in a system likely related to campus placements or job applications.

- Student to Application System: Students send responses (likely applications or interview feedback) to the system.
- Student uses Application System: Students interact with the system to manage their applications and potentially view interview details.
- Company HR to Host Interview: Company HR representatives use the system to host interviews.
- Company HR interacts with Interview Details Table: Company HR likely accesses and updates interview details in the table.
- College Admin oversees Overview Manager: College admins monitor the overview manager process for system insights.
- College Admin fetches details: College admins can retrieve details from the system (possibly reports or logs)

5.1.3 Level 2 DFD

- Purpose: A Level 2 DFD delves deeper into the details of a specific process from a Level 1 DFD, breaking it down into smaller, more granular sub-processes.
- Focus: It offers a more comprehensive view of the inner workings of that particular process, revealing its internal components and data flows.

Level 2.1 DFD

The level 2.1 DFD provide insights into the more detailed working of student ,placement cell interaction It shows how the data is transferred between different users and how it is stored in the database. Once the student logs in , there are several functionalities available to the student to choose from . The DFD show how these functionalities are dependent on each other and how the database is used The database tables used here are : student details, questions, student login.

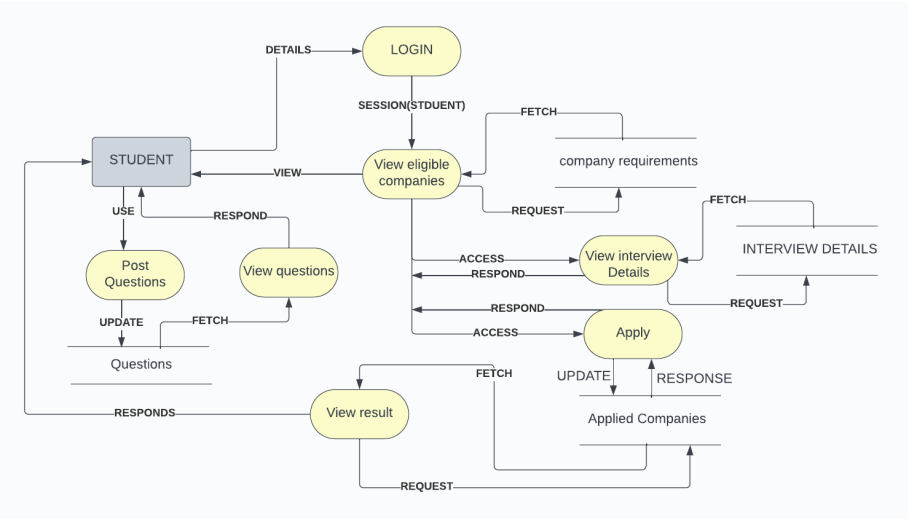


Figure 5.3: Level 2.1 DFD

Level 2.2 DFD

The level 2.2 DFD provide insights into the more detailed working of company hr, placement cell interaction It shows how the data is transferred between different users and how it is stored in the database. Once the company hr logs in , there are several functionalities available to the company hr to choose from . The DFD show how these functionalities are dependent on each other and how the database is used. The database tables used here are interview details, applied companies, student details ,company hr login

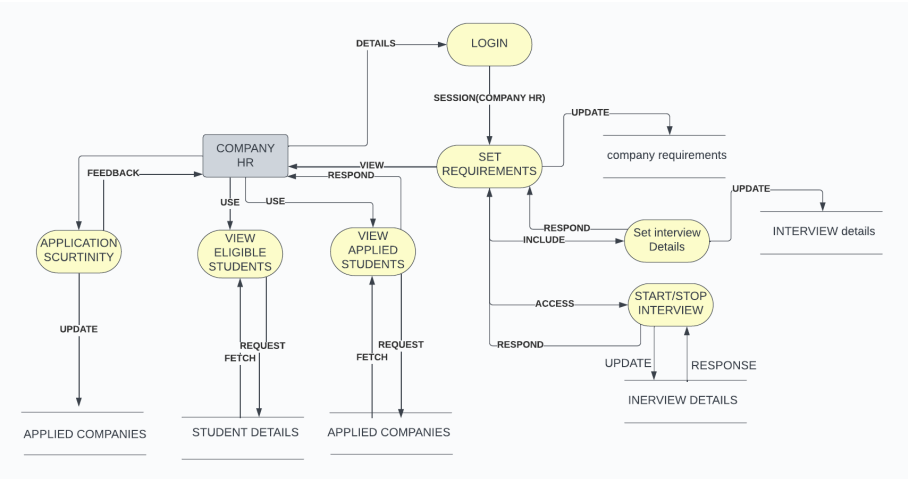


Figure 5.4: Level 2.2 DFD

Level 2.3 DFD

The level 2.3 DFD provide insights into the more detailed working of college admin ,placement cell interaction It shows how the data is transferred between different users and how it is stored in the database. Once the company hr logs in , there are several functionalities available to the admin to choose from . The DFD show how these functionalities are dependent on each other and how the database is used. The database tables used here are interview details, applied companies, student details ,college admin login, questions, log table etc The admin has full control over the system and has access to log tables, adding new students etc.

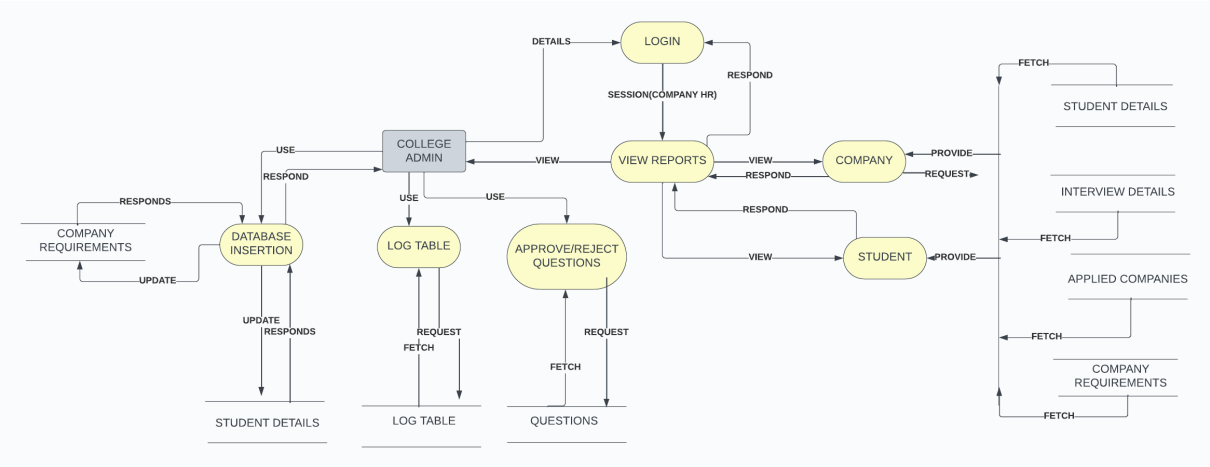


Figure 5.5: Level 2.3 DFD

5.2 Sequence Diagram

Participants:

- Student: The student who is applying for a job or internship.
- Company HR: The HR representative from the company the student is applying to.
- College Admin: The college administrator who oversees the placement process.

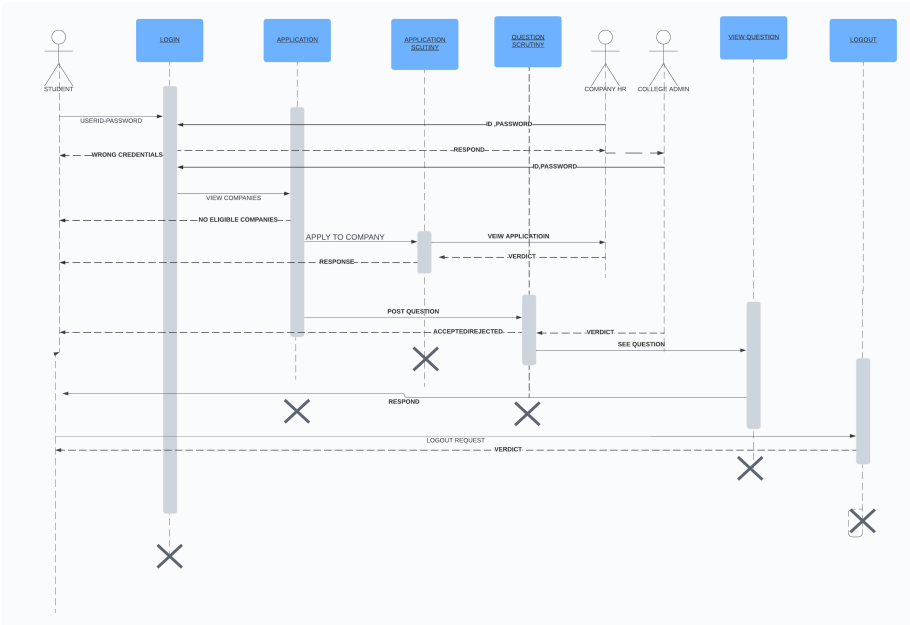


Figure 5.6: Sequence Diagram

Interactions:

1. Student Login:
   - The student initiates the process by entering their ID and password.
   - The system verifies their credentials.
2. View Companies:
   - The student views a list of eligible companies.
3. Apply to Company:
   - The student selects a company and submits their application.
   - The system sends a notification to the company HR.
4. View Application:
   - The company HR views the student's application.
5. Respond with Verdict:
   - The company HR sends a response (acceptance or rejection) to the student.
   - The system simultaneously sends a notification to the college admin.

6. Question:
    - The student may post a question about the company or interview process.
    - The system notifies the company HR of the question.
7. See Question:
    - The company HR sees the question.
8. Respond:
    - The company HR provides a response to the student's question.
    - The company HR provides a response to the student's question.
9. Logout Request:
    - The student or company HR initiates a logout request.
    - The system logs them out and terminates the session.

5.3 ER Diagram

The ER diagram shows the relationship between entities . Here the main entities are Question, Company HR, Student, College Admin. The Company HR, Student and college admin has various attributes (both single valued and multivalued) associated with them including userid and password. The company HR, Student ,College Admin interact with each other for the efficient processing of the Placement Cell. The interactions are clearly mentioned in the figure.

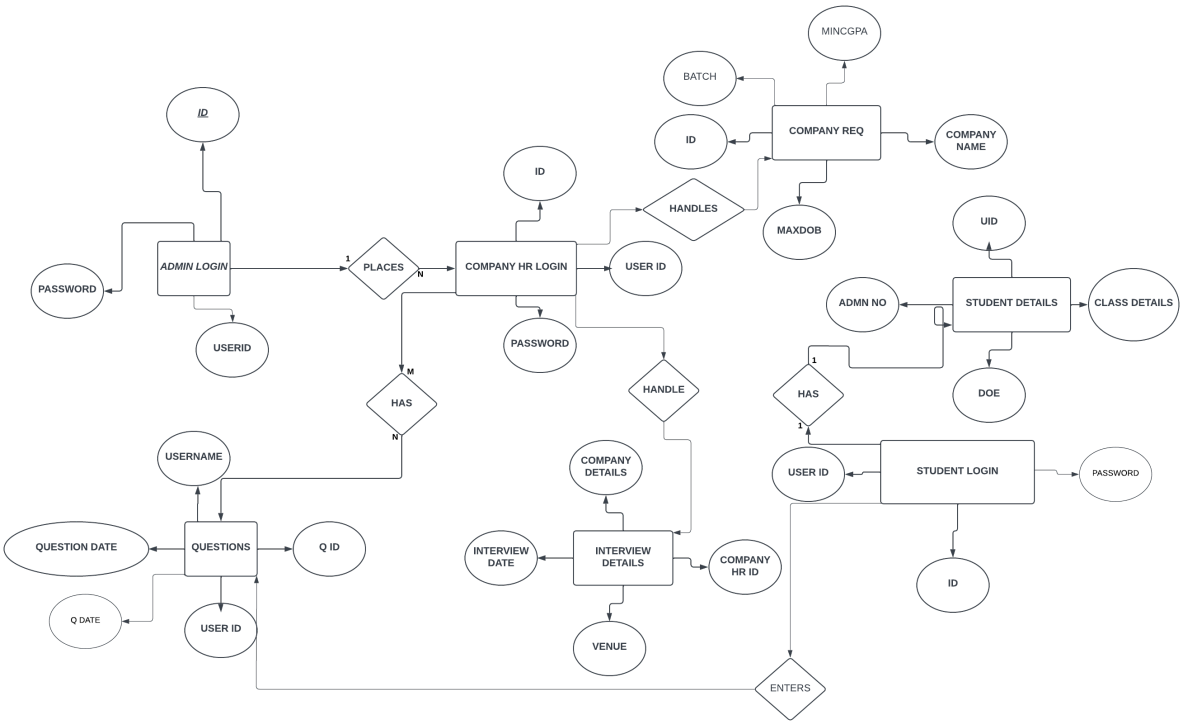


Figure 5.7: ER Diagram

5.4 Activity Diagram

1. Fetch Data:

   - The process starts with fetching data from a database.

2. Process Student Data:

   - Calculate Percentages and Other Statistics: Once the student data is fetched, it's processed to calculate percentages, likely related to grades, placement success rates, or other relevant metrics.
   - Plot Graph: The calculated percentages or statistics are then used to plot a graph, presumably for visualization purposes.

3. Process Company Data:

   - Calculate Percentages and Other Statistics: Similar to student data, company data is processed to calculate percentages or statistics, potentially related to interview performance, hiring rates, or company preferences.
   - Plot Graph: Again, the calculated data is used to plot a graph for visual representation.

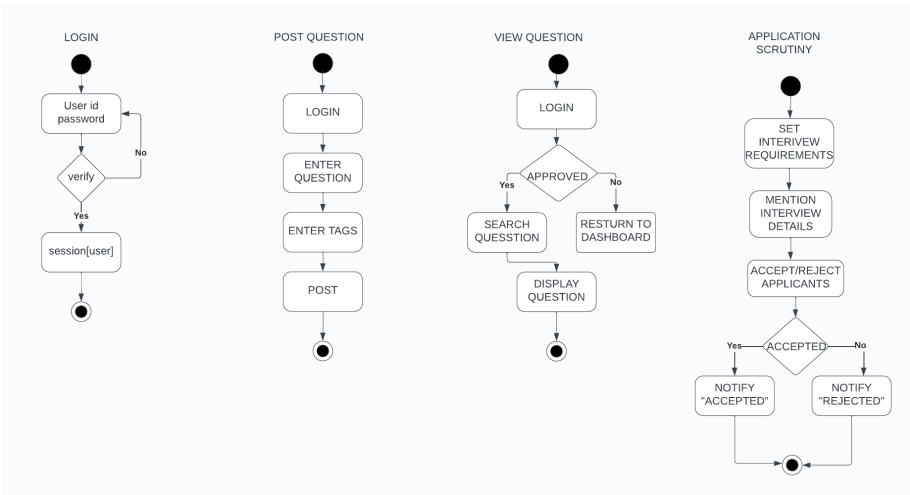


Figure 5.8: Activity Diagrams (1)

4. Generate Reports:

   - View Student Report: Based on the processed student data and graphs, a report is generated for students. This report could include academic performance, placement opportunities, or other relevant information for students.
   - View Company Report: Similarly, a report is generated for companies based on their processed data and graphs. This report might contain information about student applicants, interview outcomes, or hiring trends.
   - Generate Log Table: A log table is generated to track and record all actions performed within the system, potentially for auditing or monitoring purposes.

5. Display:

   - View Student Report: The generated student report is displayed to the appropriate users, likely students themselves, guidance counselors, or placement officers.
   - View Company Report: The company report is displayed to authorized users, such as company HR representatives or recruiters.
   - Display Log Table: The log table is accessible to authorized users who need to monitor system activity and user actions.

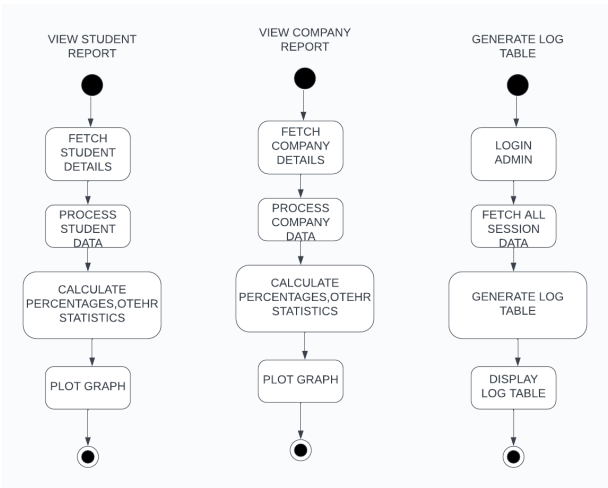


Figure 5.9: Activity Diagrams (2)

5.5 Class Diagram

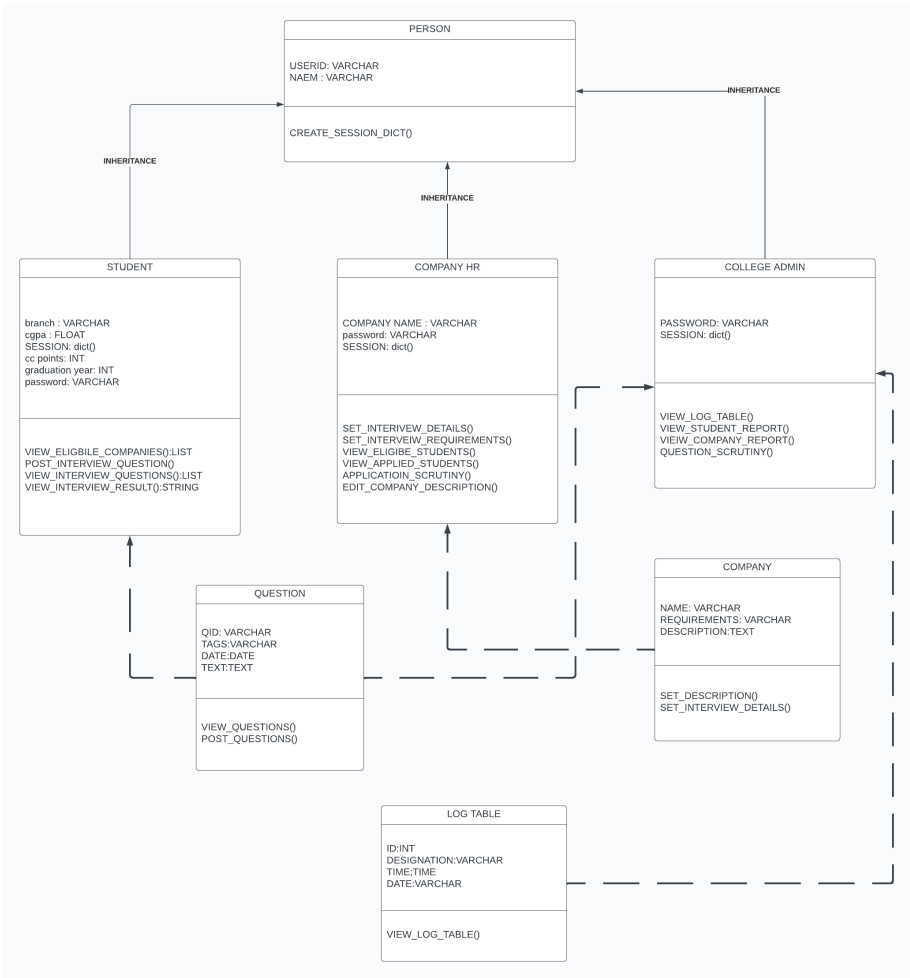


Figure 5.10: Class Diagram

Classes:

1. PERSON:
   - Attributes: userID (VARCHAR), name (VARCHAR)
   - Methods: createSessionDict()
2. STUDENT: (inherits from PERSON)
   - Attributes: branch (VARCHAR), CGPA (FLOAT), CC points (INT), graduation year (INT), password (VARCHAR), session (dict)
   - Methods: viewEligibleCompanies(), postInterviewQuestion(), viewInterviewQuestions(), viewInterviewResult()

3. COMPANY HR: (inherits from PERSON)
    - Attributes: companyName (VARCHAR), password (VARCHAR), session (dict)
    - Methods: setInterviewDetails(), setInterviewRequirements(), viewLogTable(), viewSt udentReport(), viewEligibleStudents(), viewAppliedStudents(), questionScrutiny(), applicationScrutiny(), editCompanyDescription()
4. COLLEGE ADMIN: (inherits from PERSON)
    - Attributes: password (VARCHAR), session (dict)
    - Methods: viewLogTable(), viewStudentReport(), viewCompanyReport()
5. COMPANY:
    - Attributes: name (VARCHAR), requirements (VARCHAR)
    - Methods: setDescription(), setInterviewDetails()
6. QUESTION:
    - Attributes: uid (VARCHAR), description (TEXT), tags (VARCHAR), date (DATE), text (TEXT)
    - Methods: viewQuestions(), postQuestions()
7. LOG TABLE:
    - Attributes: id (INT), designation (VARCHAR), time (TIME), date (VARCHAR)
    - Methods: viewLogTable()

Relationships:

1. Inheritance:
    - STUDENT, COMPANY HR, and COLLEGE ADMIN inherit from PERSON.
2. Association:
    - STUDENTs apply to COMPANIES.

- COMPANY HRs manage COMPANIES and INTERVIEWs with STUDENTs.
- COLLEGE ADMINs oversee STUDENTs and COMPANIES.
- QUESTIONS are associated with INTERVIEWs.
- LOG TABLE logs actions by various users.

Diagram Purpose:

- It is a model of campus placements, involving student profiles, company information, interview processes, question banks, and logging functionalities.

  Key Points:

- The diagram emphasizes inheritance to model different user roles with shared attributes and methods.
- It includes associations to model interactions between students, companies, interviews, and questions.
- The LOG TABLE class suggests a focus on tracking system activities.

5.6 Use Case Diagram

The use case diagram depicts an online placement system with three primary actors: students seeking job opportunities, company HR professionals managing recruitment processes, and college administrators overseeing campus career activities.
For students:

- Register and create profiles: This allows students to showcase their skills and experience to potential employers.
- Post interview questions: Students can share interview questions asked by the interviewer during the placement drive.
- Browse interview questions: Students can access and practice questions posted by companies to prepare for interviews.
- Apply for placements: Students can submit applications directly through the platform.

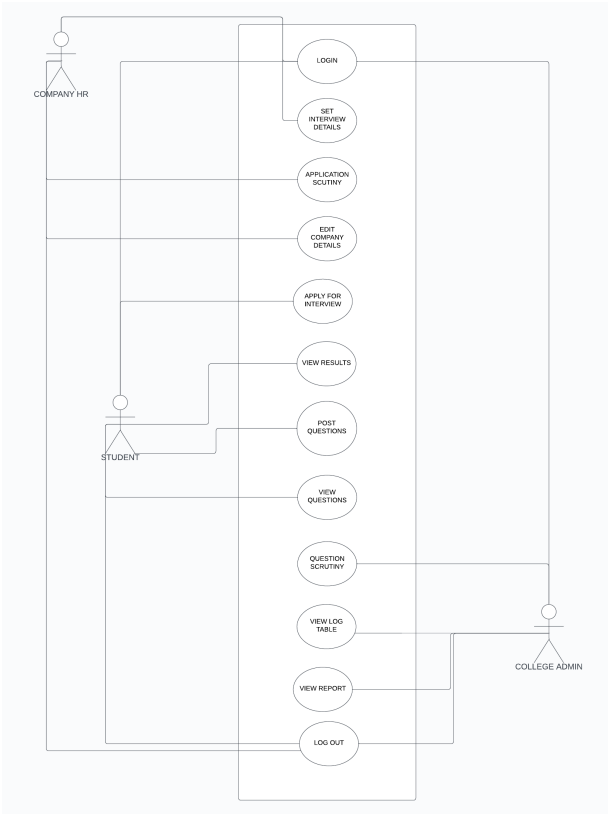


Figure 5.11: Use Case Diagram

- View application status: Students can track the progress of their applications and receive updates from recruiters.

For company HR professionals:

- Post job openings: Companies can advertise their open positions and attract qualified candidates.
- Review applications: HR can efficiently screen and evaluate applications submitted by students.
- Schedule interviews: The platform facilitates setting up interview appointments and managing interview schedules.
- Manage company profile: Companies can maintain their information and brand presentation on the platform.

For college administrators:

- View interview results: Administrators can monitor the overall success rate of students in securing jobs.
- Approve Questions: The Admin can approve or reject the questions posted by the system to prevent irrelevant questions from entering the system.
- Access log tables: They can analyze data on student activity and engagement within the platform.
- Generate reports: Administrators can extract valuable insights from system data to inform career services initiatives.

The use case diagram maps out these key functionalities and interactions, demonstrating how the system caters to the specific needs of each actor. This visualization plays a crucial role in system design, ensuring that its features and functionalities effectively address the goals of everyone involved in the online recruitment process.

By understanding these use cases, developers can prioritize features, employers can leverage the platform strategically, and students can utilize its resources to enhance their job search efforts. In summary, the use case diagram serves as a valuable blueprint for a successful online placement tracking system.

Chapter 6

Results and Discussions

Dedicated to presenting the outcomes, Chapter 6 critically examines the results, comparing them against anticipated outcomes. This chapter engages in a thorough discussion of the project's strengths and areas for improvement, offering valuable insights for future endeavours.

6.1 Login Page

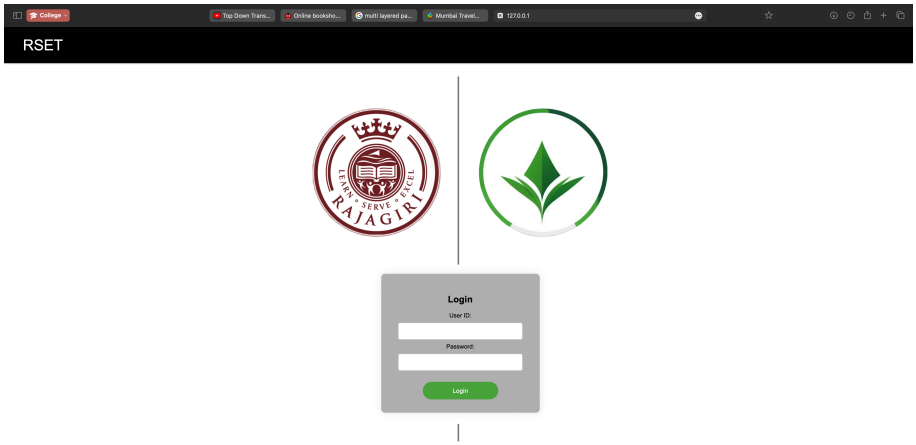


Figure 6.1: Login Page

The login interface is common for 3 entities:

1)Company HR

2)Student

3) College Admin

Once the user enters the user id and password , the system verifies it with the database

and if the entered details are correct, the user will be redirected to corresponding dashboards

6.2 Company Dashboard

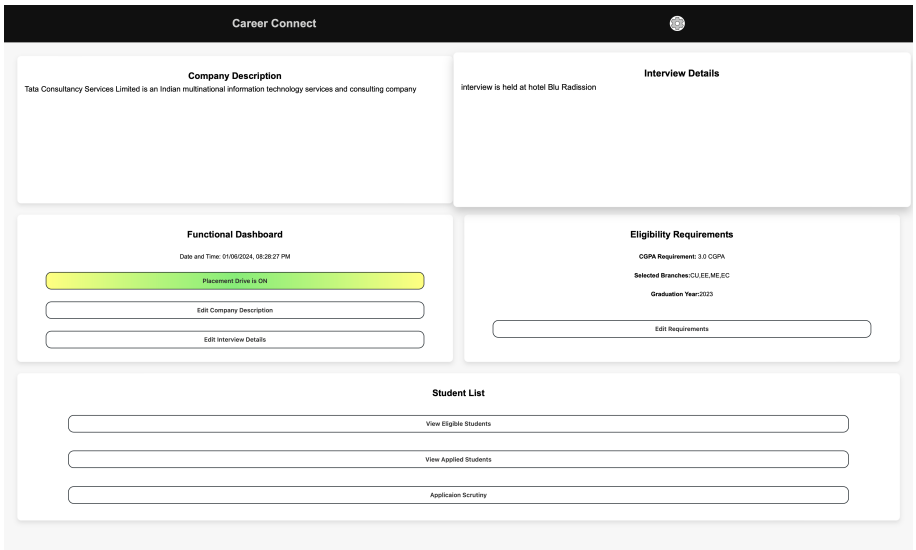


Figure 6.2: Company Dashboard

This the company HR dashboard. It includes various functionalities including

Displaying company description

Displaying Interview details

Edit company description

Edit Interview details

Set interview requirements

View applied students

View eligible students

Application scrutiny

6.3 Edit Company Description

This interface is to edit the company description. You can add company images, policies etc.

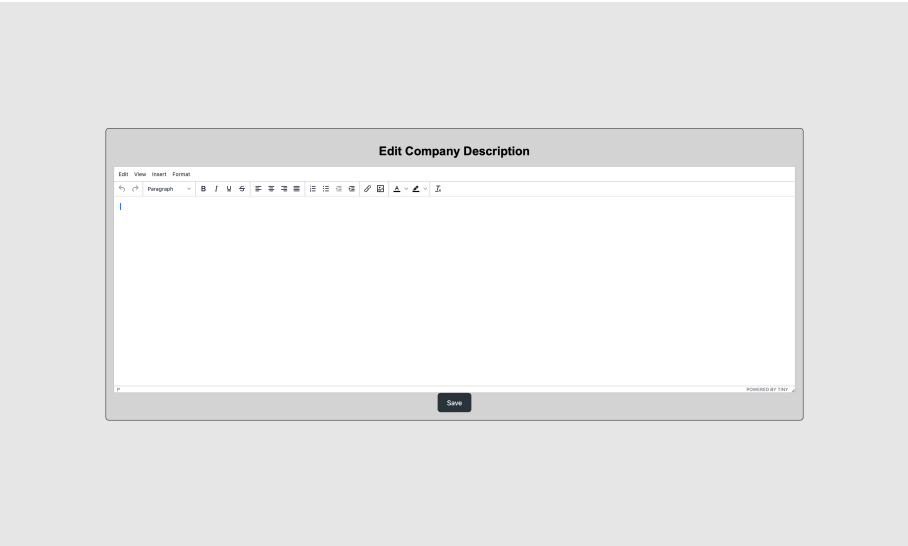


Figure 6.3: Edit Company Description

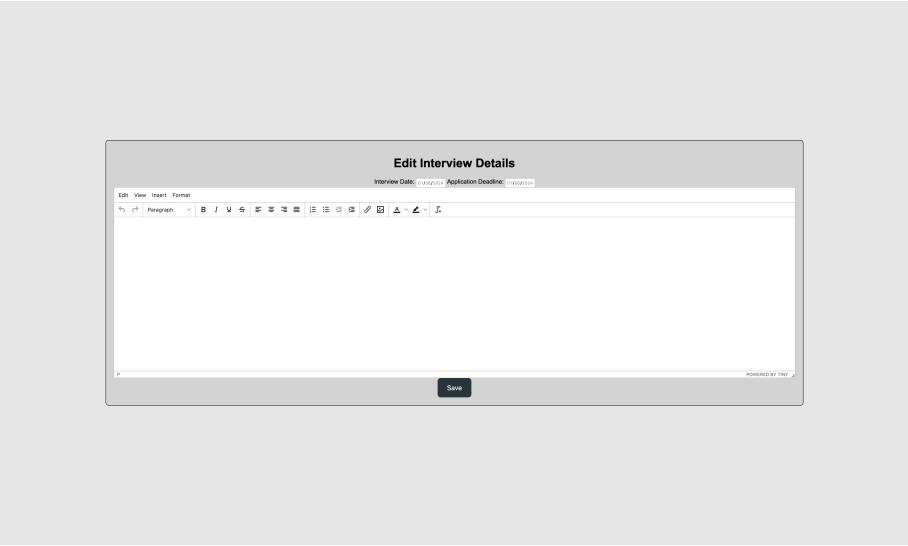


Figure 6.4: Edit Interview Details

6.4 Edit Interview Details

This interface is to set interview details. You can add interview time, venue and set interview date, application deadline date.

6.5 Eligibility Requirement

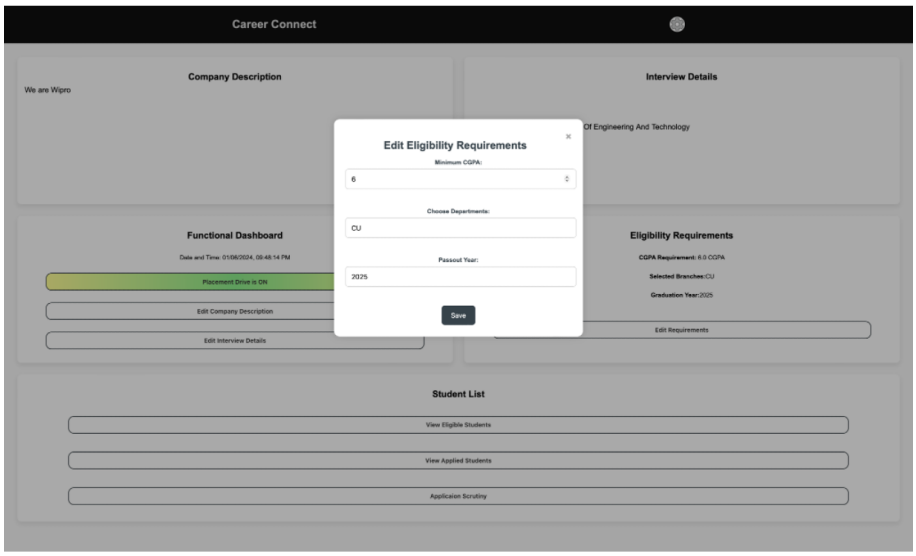


Figure 6.5: Eligibility Requirement

The set requirements column enables you to set the minimum requirements a student must satisfy, to be eligible to attend the interview.

We can set the minimum CGPA requirement (between 0 and 10)

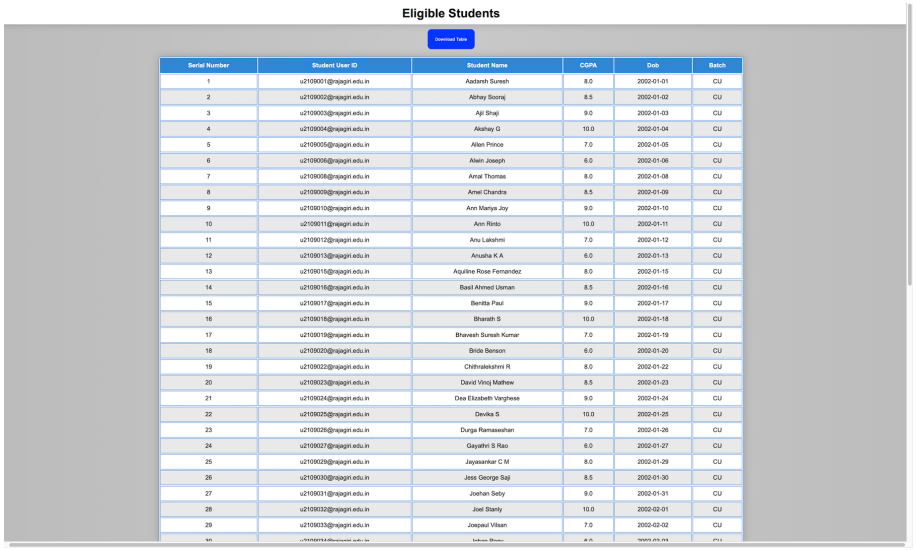
We can set the graduation year of the student

We can set the Brach which the student belong to.(Single or many)

6.6 List View Of Eligible Students

This table displays the name of all students who satisfy the minimum interview requirements.

The table contains fields that give information about student id , name, cgpa, branch etc. There is an option to download the table as Excel file

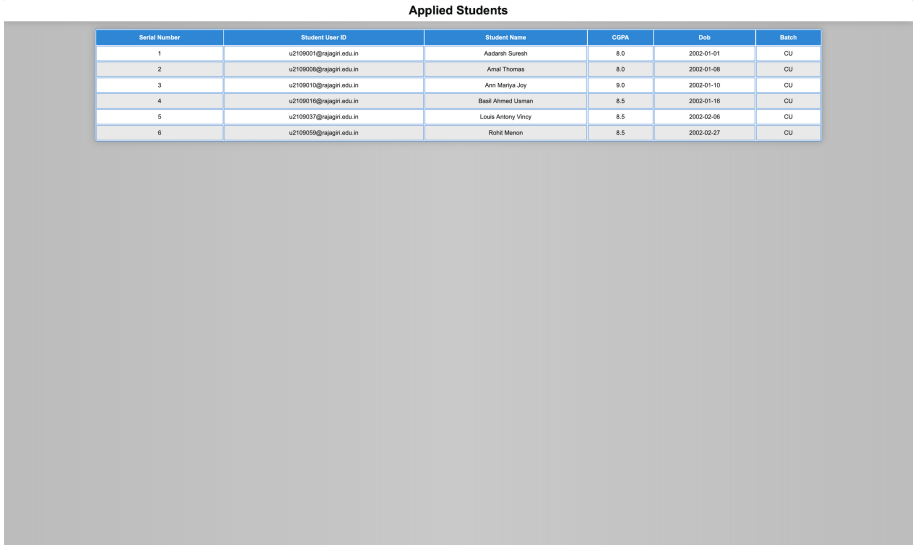


Eligible Students

Download Table

Serial Number	Student User ID	Student Name	CGPA	Dob	Batch
1	u2109001@rajagiri.edu.in	Aadarsh Suresh	8.0	2002-01-01	CU
2	u2109002@rajagiri.edu.in	Abhay Soorej	8.5	2002-01-02	CU
3	u2109003@rajagiri.edu.in	Ajit Shaji	9.0	2002-01-03	CU
4	u2109004@rajagiri.edu.in	Akshay G	10.0	2002-01-04	CU
5	u2109005@rajagiri.edu.in	Allen Prince	7.0	2002-01-05	CU
6	u2109006@rajagiri.edu.in	Alwin Joseph	6.0	2002-01-06	CU
7	u2109008@rajagiri.edu.in	Amal Thomas	8.0	2002-01-08	CU
8	u2109009@rajagiri.edu.in	Amel Chandra	8.5	2002-01-09	CU
9	u2109010@rajagiri.edu.in	Ann Mariya Joy	9.0	2002-01-10	CU
10	u2109011@rajagiri.edu.in	Ann Rinto	10.0	2002-01-11	CU
11	u2109012@rajagiri.edu.in	Anu Lakshmi	7.0	2002-01-12	CU
12	u2109013@rajagiri.edu.in	Anusha K A	6.0	2002-01-13	CU
13	u2109015@rajagiri.edu.in	Aquiline Rose Fernandez	8.0	2002-01-15	CU
14	u2109016@rajagiri.edu.in	Basil Ahmed Usman	8.5	2002-01-16	CU
15	u2109017@rajagiri.edu.in	Benitta Paul	9.0	2002-01-17	CU
16	u2109018@rajagiri.edu.in	Bharath S	10.0	2002-01-18	CU
17	u2109019@rajagiri.edu.in	Bhavesh Suresh Kumar	7.0	2002-01-19	CU
18	u2109020@rajagiri.edu.in	Bride Benson	6.0	2002-01-20	CU
19	u2109022@rajagiri.edu.in	Chithralekshmi R	8.0	2002-01-22	CU
20	u2109023@rajagiri.edu.in	David Vinoj Mathew	8.5	2002-01-23	CU
21	u2109024@rajagiri.edu.in	Dea Elizabeth Varghese	9.0	2002-01-24	CU
22	u2109025@rajagiri.edu.in	Devika S	10.0	2002-01-25	CU
23	u2109026@rajagiri.edu.in	Durga Ramaseshan	7.0	2002-01-26	CU
24	u2109027@rajagiri.edu.in	Gayathri S Rao	6.0	2002-01-27	CU
25	u2109029@rajagiri.edu.in	Jayasankar C M	8.0	2002-01-29	CU
26	u2109030@rajagiri.edu.in	Jess George Saji	8.5	2002-01-30	CU
27	u2109031@rajagiri.edu.in	Joehan Seby	9.0	2002-01-31	CU
28	u2109032@rajagiri.edu.in	Joel Stanly	10.0	2002-02-01	CU
29	u2109033@rajagiri.edu.in	Joepaul Vilsan	7.0	2002-02-02	CU

Figure 6.6: List View Of Eligible Students



Applied Students

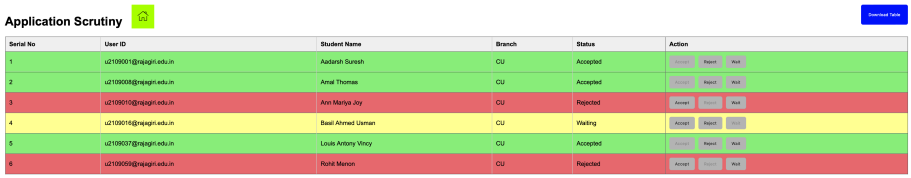
Serial Number	Student User ID	Student Name	CGPA	Dob	Batch
1	u2109001@rajagiri.edu.in	Aadarsh Suresh	8.0	2002-01-01	CU
2	u2109008@rajagiri.edu.in	Amal Thomas	8.0	2002-01-08	CU
3	u2109010@rajagiri.edu.in	Ann Mariya Joy	9.0	2002-01-10	CU
4	u2109016@rajagiri.edu.in	Basil Ahmed Usman	8.5	2002-01-16	CU
5	u2109037@rajagiri.edu.in	Louis Antony Vincy	8.5	2002-02-06	CU
6	u2109059@rajagiri.edu.in	Rohit Menon	8.5	2002-02-27	CU

Figure 6.7: List Of Applied Students

6.7 List Of Applied Students

This provided the details of students who have applied to the interview. All these students must satisfy eligibility criteria

6.8 Scrutiny Of Applications



Application Scrutiny

Download Table

Serial No	User ID	Student Name	Branch	Status	Action
1	u2109001@rajagiri.edu.in	Aadarsh Suresh	CU	Accepted	Accept Reject Wait
2	u2109008@rajagiri.edu.in	Amal Thomas	CU	Accepted	Accept Reject Wait
3	u2109010@rajagiri.edu.in	Ann Mariya Joy	CU	Rejected	Accept Reject Wait
4	u2109016@rajagiri.edu.in	Basil Ahmed Usman	CU	Waiting	Accept Reject Wait
5	u2109037@rajagiri.edu.in	Louis Antony Vincy	CU	Accepted	Accept Reject Wait
6	u2109059@rajagiri.edu.in	Rohit Menon	CU	Rejected	Accept Reject Wait

Figure 6.8: Scrutiny Of Applications

The company HR can choose who to accept, reject or keep in waiting list from the applied students list. This is done at the end of interview. Based on this student is notified about the result.

6.9 Admin Dashboard

This is the ADMIN dashboard. It has various functionalities including :

Company general report

Student general report

Student individual report

Branch Report

Logs table

Sort by Year

Figure 6.9: Admin Dashboard

6.10 Question Approval

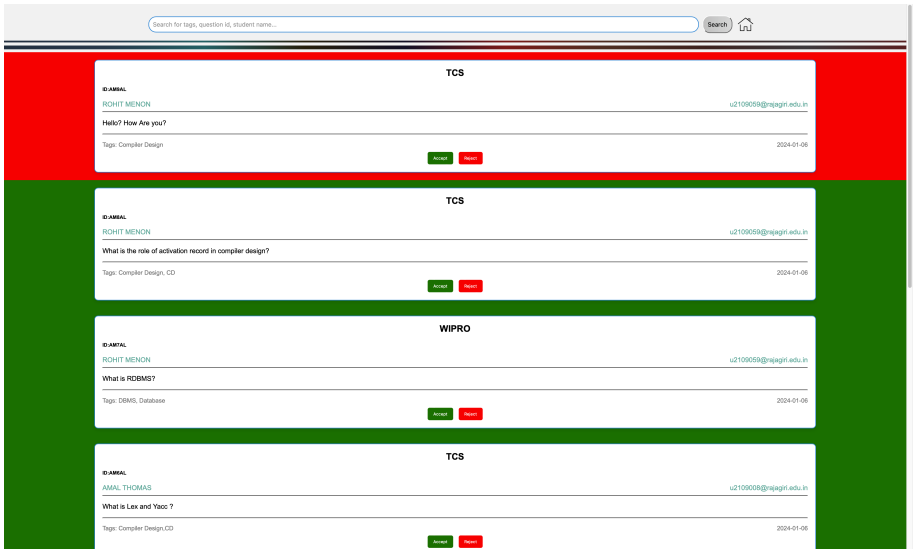


Figure 6.10: Question Approval

The admin can decide whether to accept student interview question or not. If a student Question gets approved, his CC points get increased by one.

6.11 Student General Report

This show student general report statistics including a bar graph which represent number of total, applied and placed students. Total students, number of applied students, number

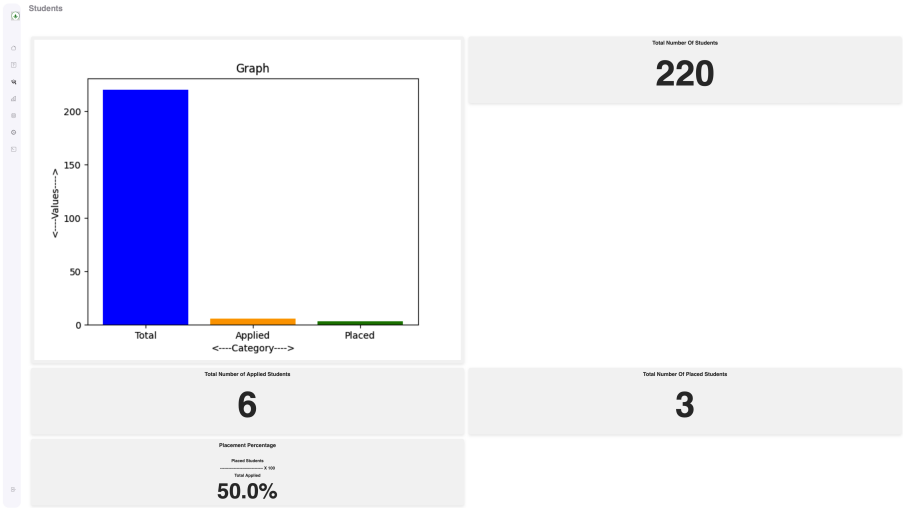


Figure 6.11: Student General Report

of placed students etc.

6.12 Company Report

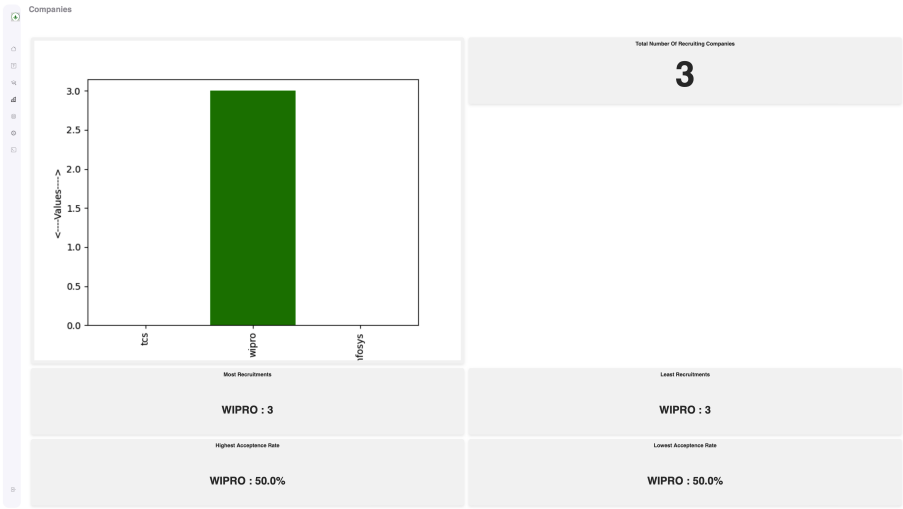


Figure 6.12: Company Report

Similar to student report company report show various statistics related to the companies

Download as Excel

BRANCH	NUMBER OF APPLICATIONS	NUMBER OF PLACEMENTS	NUMBER OF REJECTIONS	NUMBER OF PENDINGS
CU	6	3	2	1
ME	0	None	None	N/A
EE	0	None	None	N/A
CE	0	None	None	N/A
IT	0	None	None	N/A
AE	0	None	None	N/A
EC	0	None	None	N/A
AD	0	None	None	N/A
CS	0	None	None	N/A

Figure 6.13: Placement Graph

6.13 Placement Graph

This report shows the statistics based on branch. It includes statistics for each Branches and a bar graph.

6.14 Student Individual Report

Download as Excel

UID	NAME	BRANCH	APPLIED COMPANIES	NUMBER OF PLACEMENTS	COMPANIES	NUMBER OF REJECTIONS	STATUS
u2109001@rajagiri.edu.in	Aadarsh Suresh	CU	1	1	WIPRO	0	PLACED
u2109002@rajagiri.edu.in	Abhay Soorej	CU	0	NONE	NONE	NONE	PENDING
u2109003@rajagiri.edu.in	Ajil Shaji	CU	0	NONE	NONE	NONE	PENDING
u2109004@rajagiri.edu.in	Akshay G	CU	0	NONE	NONE	NONE	PENDING
u2109005@rajagiri.edu.in	Allen Princa	CU	0	NONE	NONE	NONE	PENDING
u2109006@rajagiri.edu.in	Alwin Joseph	CU	0	NONE	NONE	NONE	PENDING
u2109007@rajagiri.edu.in	Amal Manoj	CU	0	NONE	NONE	NONE	PENDING
u2109008@rajagiri.edu.in	Amal Thomas	CU	1	1	WIPRO	0	PLACED
u2109009@rajagiri.edu.in	Amel Chandra	CU	0	NONE	NONE	NONE	PENDING
u2109010@rajagiri.edu.in	Ann Mariya Joy	CU	1	0	WIPRO	1	REJECTED
u2109011@rajagiri.edu.in	Ann Rinto	CU	0	NONE	NONE	NONE	PENDING
u2109012@rajagiri.edu.in	Anu Lakshmi	CU	0	NONE	NONE	NONE	PENDING
u2109013@rajagiri.edu.in	Anusha K A	CU	0	NONE	NONE	NONE	PENDING
u2109014@rajagiri.edu.in	Aaron Seby	CU	0	NONE	NONE	NONE	PENDING
u2109015@rajagiri.edu.in	Aquline Rose Fernandez	CU	0	NONE	NONE	NONE	PENDING
u2109016@rajagiri.edu.in	Basil Ahmed Usman	CU	1	0	WIPRO	0	PENDING
u2109017@rajagiri.edu.in	Benita Paul	CU	0	NONE	NONE	NONE	PENDING
u2109018@rajagiri.edu.in	Bharath S	CU	0	NONE	NONE	NONE	PENDING
u2109019@rajagiri.edu.in	Bhavesh Suresh Kumar	CU	0	NONE	NONE	NONE	PENDING
u2109020@rajagiri.edu.in	Bibin Benson	CU	0	NONE	NONE	NONE	PENDING
u2109021@rajagiri.edu.in	Celina Elizabeth Jacob	CU	0	NONE	NONE	NONE	PENDING
u2109022@rajagiri.edu.in	Chithralekshmi R	CU	0	NONE	NONE	NONE	PENDING
u2109023@rajagiri.edu.in	David Vinoj Mathew	CU	0	NONE	NONE	NONE	PENDING
u2109024@rajagiri.edu.in	Dea Elizabeth Varghese	CU	0	NONE	NONE	NONE	PENDING
u2109025@rajagiri.edu.in	Devika S	CU	0	NONE	NONE	NONE	PENDING
u2109026@rajagiri.edu.in	Durga Ramaeshan	CU	0	NONE	NONE	NONE	PENDING
u2109027@rajagiri.edu.in	Gayathri S Rao	CU	0	NONE	NONE	NONE	PENDING
u2109028@rajagiri.edu.in	Hathik	CU	0	NONE	NONE	NONE	PENDING
u2109029@rajagiri.edu.in	Jayasankar C M	CU	0	NONE	NONE	NONE	PENDING
u2109030@rajagiri.edu.in	Jess George Saji	CU	0	NONE	NONE	NONE	PENDING
u2109031@rajagiri.edu.in	Joehan Seby	CU	0	NONE	NONE	NONE	PENDING
u2109032@rajagiri.edu.in	Joel Stanly	CU	0	NONE	NONE	NONE	PENDING

Figure 6.14: Student Individual Report

This table gives in depth insight into the placement process. It give details about the placements of individual students. It also show the companies each student applied to ,

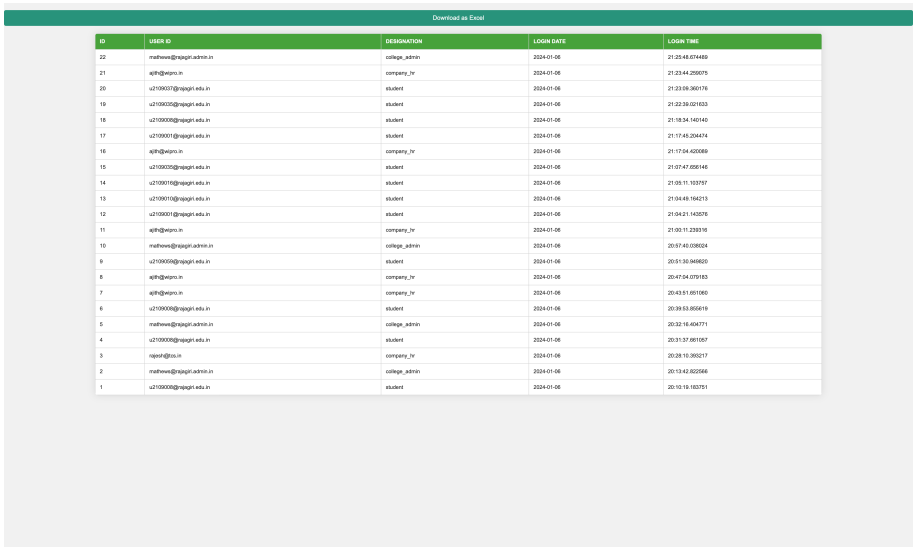
the ones he/she got placed and the ones which are still pending

6.15 Upload New Data to the Database

Figure 6.15: Upload New Data to the Database

This interface is used to upload student data into the database. The file **must** be in csv format

6.16 Logs



ID	USER ID	DESIGNATION	LOGIN DATE	LOGIN TIME
22	mathews@rajagiri.admin.in	college_admin	2024-01-06	21:25:48.674489
21	ajith@wipro.in	company_hr	2024-01-06	21:23:44.259075
20	u2109037@rajagiri.edu.in	student	2024-01-06	21:23:09.360176
19	u2109035@rajagiri.edu.in	student	2024-01-06	21:22:39.021633
18	u2109008@rajagiri.edu.in	student	2024-01-06	21:18:34.140140
17	u2109001@rajagiri.edu.in	student	2024-01-06	21:17:45.204474
16	ajith@wipro.in	company_hr	2024-01-06	21:17:04.420089
15	u2109035@rajagiri.edu.in	student	2024-01-06	21:07:47.656146
14	u2109016@rajagiri.edu.in	student	2024-01-06	21:05:11.103797
13	u2109010@rajagiri.edu.in	student	2024-01-06	21:04:49.164213
12	u2109001@rajagiri.edu.in	student	2024-01-06	21:04:21.143576
11	ajith@wipro.in	company_hr	2024-01-06	21:00:11.239316
10	mathews@rajagiri.admin.in	college_admin	2024-01-06	20:57:40.038024
9	u2109059@rajagiri.edu.in	student	2024-01-06	20:51:30.946620
8	ajith@wipro.in	company_hr	2024-01-06	20:47:04.079183
7	ajith@wipro.in	company_hr	2024-01-06	20:43:51.651060
6	u2109008@rajagiri.edu.in	student	2024-01-06	20:39:53.655619
5	mathews@rajagiri.admin.in	college_admin	2024-01-06	20:32:18.404771
4	u2109008@rajagiri.edu.in	student	2024-01-06	20:31:37.681057
3	rajesh@ros.in	company_hr	2024-01-06	20:28:10.365217
2	mathews@rajagiri.admin.in	college_admin	2024-01-06	20:13:42.622566
1	u2109008@rajagiri.edu.in	student	2024-01-06	20:10:19.183751

Figure 6.16: Logs

The log table includes details about the user who used the website. It includes information such as the userid, designation the login date and time

6.17 Student Dashboard

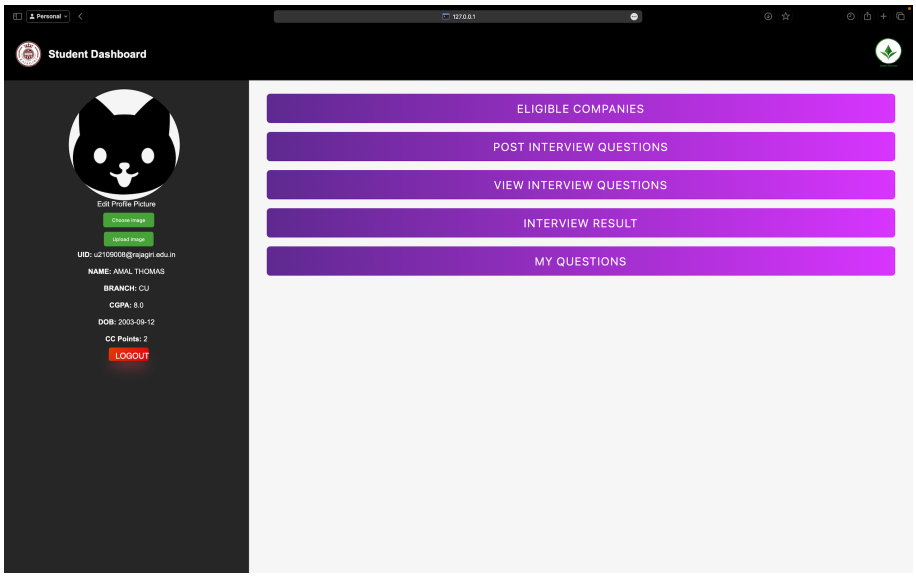


Figure 6.17: Student Dashboard

The student dashboard includes various functionalities and student information the student can change their profile picture, post the questions they faced during interview. If the admin approve those question the CC point of the student is increased by 1. The interface also provide means for student to view all the eligible company and apply to them. The student can also view questions posted by others. There is also an option where the student can see the status of his/her question

6.18 View Eligibility

This interface displays all companies which the student can apply, there he/she can view the interview details also

6.19 Details Of Interview

This display the interview details for the student and also the company description

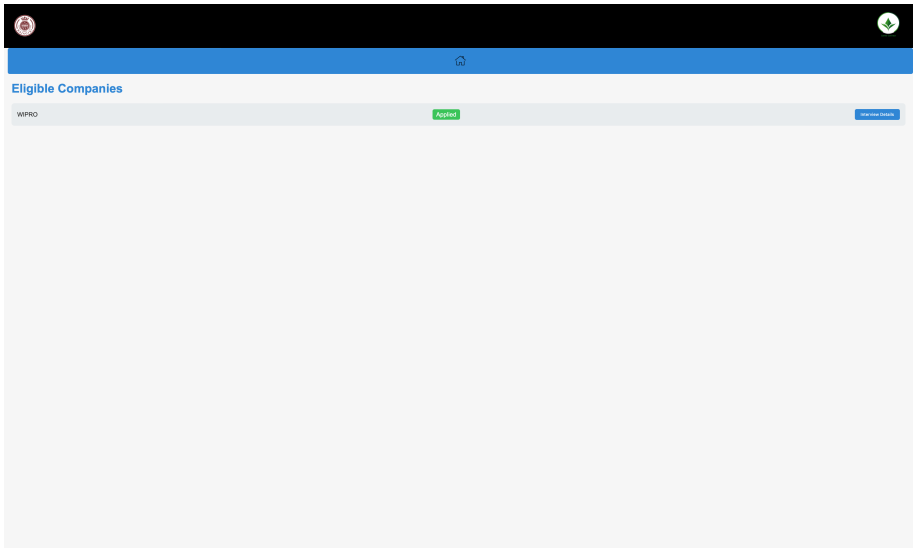


Figure 6.18: View Eligibility

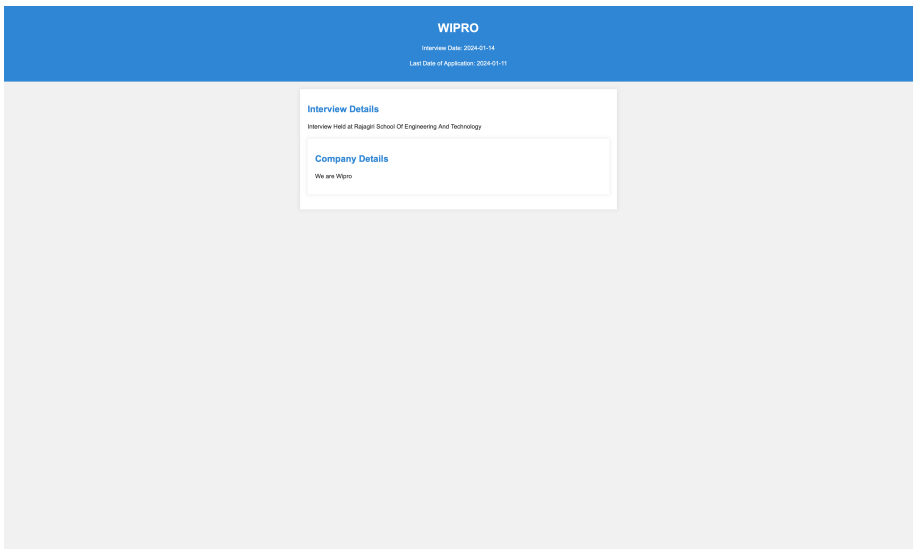


Figure 6.19: Details Of Interview

6.20 Post Questions After Interview

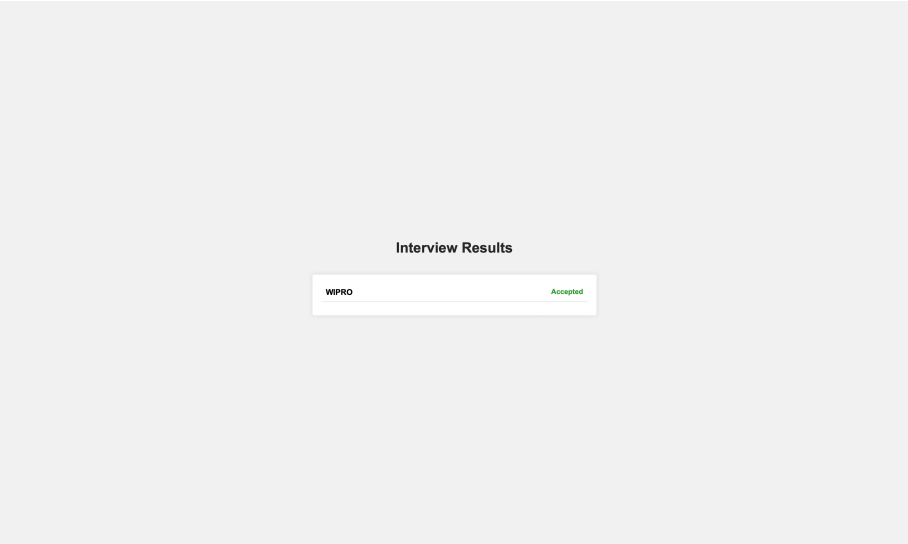


Figure 6.20: Post Questions After Interview

The interface where the student can post interview question. The question can include images, videos. Etc.

6.21 Results Of Interview

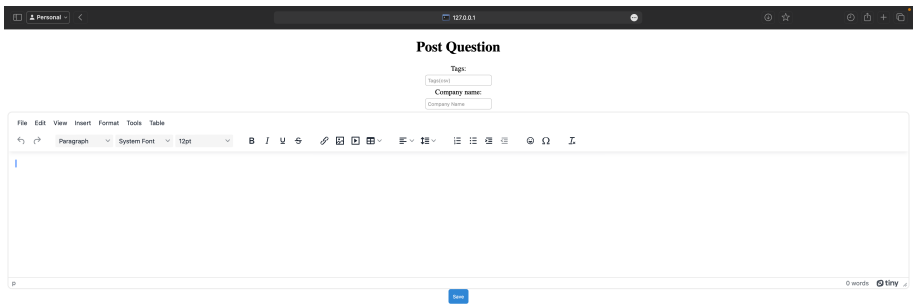


Figure 6.21: Results Of Interview

This interface display the interview result. If a student get placed it displays Accepted/Rejected or pending instead

6.22 View Asked Questions

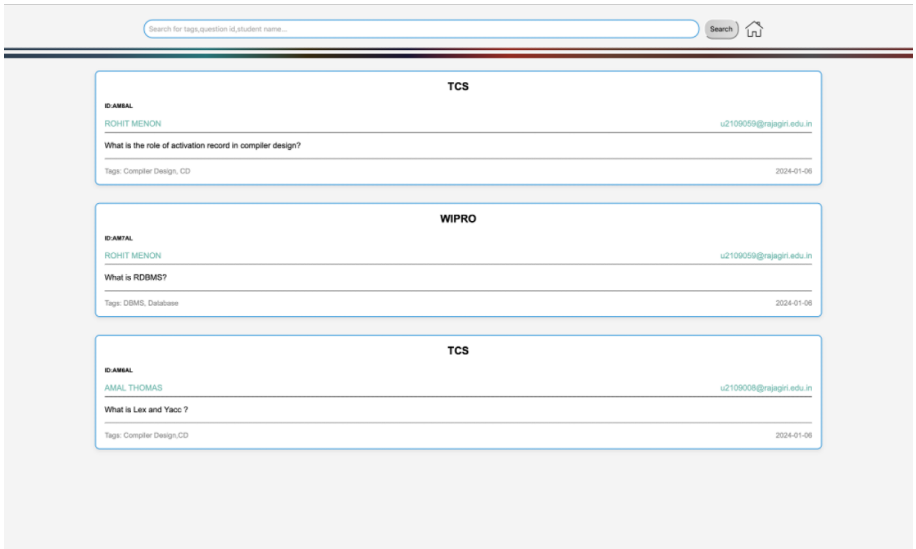


Figure 6.22: View Asked Questions

This interface is where the student can view accepted questions posted by other students. There is a provision to search the keyword, id, date etc of the question

6.23 View My Questions

Figure 6.23: View My Questions

This interface lets the student to view status of his question. It includes the metadata to view the question you have to press the view question.

Chapter 7

Conclusions & Future Scope

Our mini-project aimed to create a comprehensive Placement Cell Management System, enhancing the overall user experience and streamlining administrative tasks. By implementing a user-friendly interface, efficient database management, and integrating key functionalities, the system caters to both students and administrators, offering a seamless placement process and robust management capabilities. The user-centric system architecture facilitates easy navigation for both students and administrators. Key features like job applications, status tracking, and data-driven analytics enhance versatility and responsiveness. The emphasis on system requirements, both hardware and software, ensures that the system operates optimally and is accessible to users across different environments. The specified hardware and software requirements, including a multi-core processor, stable network connection, and compatibility with Visual Studio Code and MySQL, contribute to the system's reliability and performance. The use of various modeling techniques, including Data Flow Diagrams, Entity-Relationship Diagrams, and UML diagrams, played a pivotal role in conceptualizing, designing, and structuring the system. As with any project, continuous testing, feedback, and refinement are crucial for ensuring the system's effectiveness and user satisfaction. By incorporating user feedback and addressing potential enhancements, the system can evolve to meet changing requirements and expectations.

Future Scope

The project exhibits promising avenues for future expansion and improvement:

1. Integration of additional collaboration tools: Incorporate tools to facilitate seamless communication and collaboration between students and companies during the placement process.

2. Implementation of an alumni network: Develop a platform for alumni to share their experiences and insights, creating a valuable resource for current students and fostering a sense of community.

3. Enhanced analytics and reporting: Implement advanced analytics features to provide detailed insights into placement trends, allowing administrators to make data-driven decisions and improve overall efficiency.

4. Development of a mobile application: Create a mobile application to provide students with on-the-go access, enabling them to receive instant updates on job opportunities, application statuses, and other relevant information.

5. Inclusion of personalized student profiles: Allow students to create and manage profiles, showcasing their skills, achievements, and preferences. This can facilitate more targeted job recommendations and a personalized placement experience.

The outlined future scope presents exciting opportunities to further enhance the Placement Cell Management System, ensuring its continued relevance and effectiveness in meeting the dynamic needs of students and administrators.

References

[1] M. Li and L. Liu, "Enhancing user experience in online recruitment systems through personalized recommendation," *Journal of Computer Information Systems*, vol. 57, no. 2, pp. 167–176, 2017. [Online]. Available: https://www.tandfonline.com/doi/abs/10.1080/08874417.2016.1268478

[2] Y. L. J. Wang and Y. Wang, "A comprehensive analysis of features influencing the usability of job search websites," *International Journal of Human-Computer Interaction*, vol. 36, no. 8, pp. 742–753, 2020. [Online]. Available: https://www.tandfonline.com/doi/abs/10.1080/10447318.2019.1661937

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[4] A. J. Maurya and R. K. Choudhary, "An intelligent system for college placement using fuzzy logic," *Procedia Computer Science*, vol. 48, pp. 625–630, 2015. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S1877050915013926

Appendix I: Presentation

CAREER CONNECT

Mini project presentation

Submitted by:-
Amal Thomas
Mohamed Ahsan
Rohan Johnson
Rohit Menon

Project guide:-
Mr Mathews Abraham
Assistant Professor
Department of IT

1

Career Connect

2

INTRODUCTION

Career Connect

An online **placement cell** is an internet-based platform that facilitates the connection between students and prospective **employers**. It streamlines the recruitment process, providing a centralized hub for job postings, applications, and **communication**.

3

Problem Statement

Career Connect

To develop an efficient and user-friendly online placement cell that effectively connects students with potential employers, enhancing the recruitment process and improving job placement outcomes.

4

RELEVANCE (student/employer)

Career Connect

Accessibility and Convenience: Online placement systems provide students with 24/7 access to job postings and application processes, eliminating geographical barriers and allowing them to apply for opportunities from anywhere.

Enhanced Visibility and Networking Opportunities: Online profiles allow students to showcase their skills, experiences, and achievements to a wider audience of potential employers, increasing their visibility and networking opportunities.

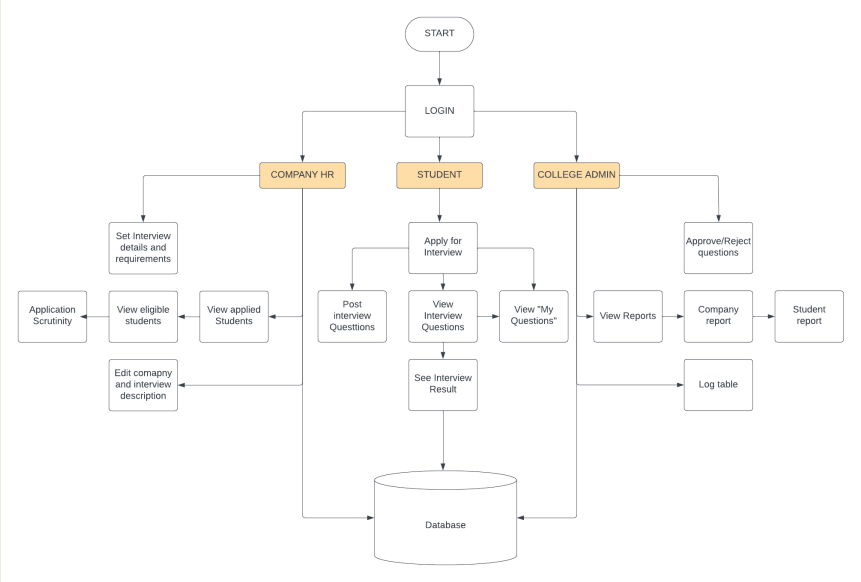
Efficient Candidate Search and Recruitment: Online placement systems provide employers with a centralized platform to search for candidates based on specific criteria, streamlining the recruitment process and reducing time-to-hire.

Access to a Wider Talent Pool: Online platforms expand employers' reach to a broader pool of talented candidates, including those from diverse backgrounds and locations.

5

BLOCK DIAGRAM

Career Connect



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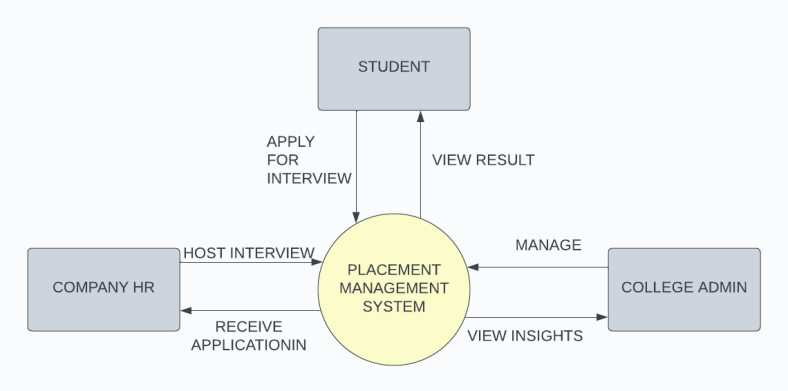
LEVEL 0 DFD



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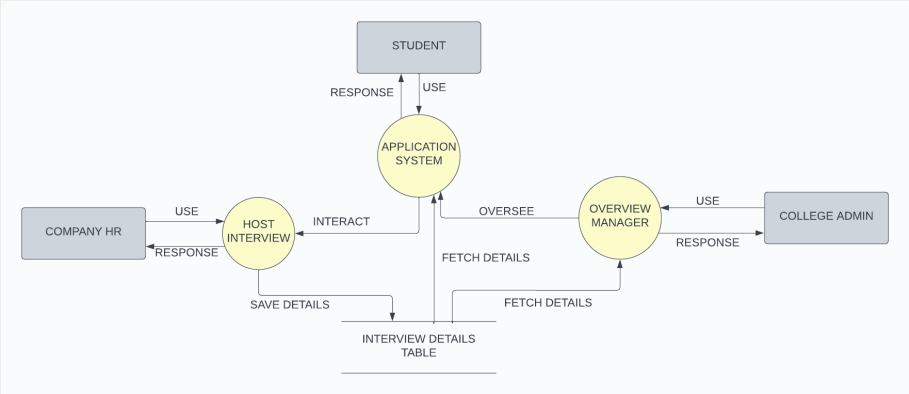
LEVEL 1 DFD



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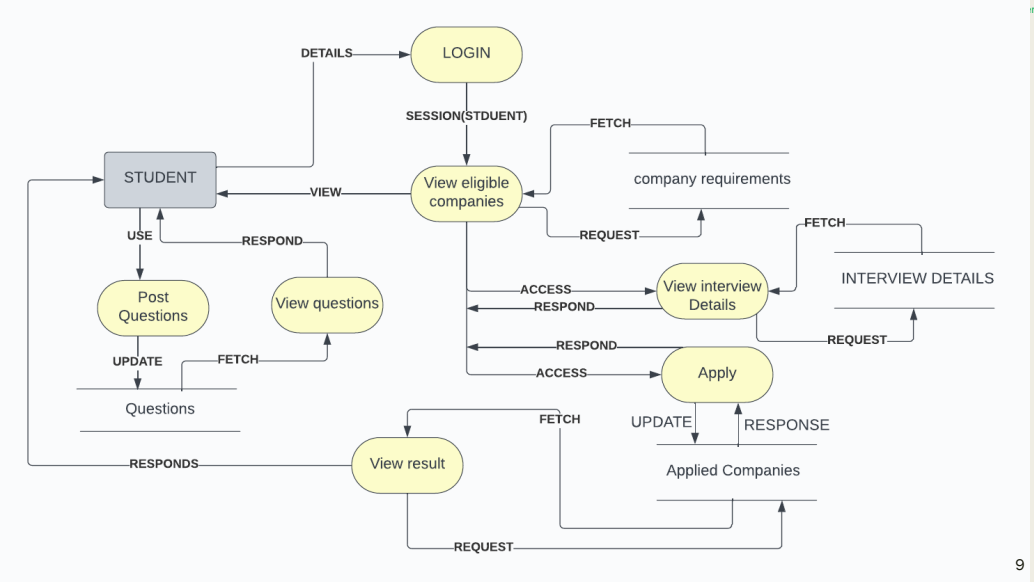

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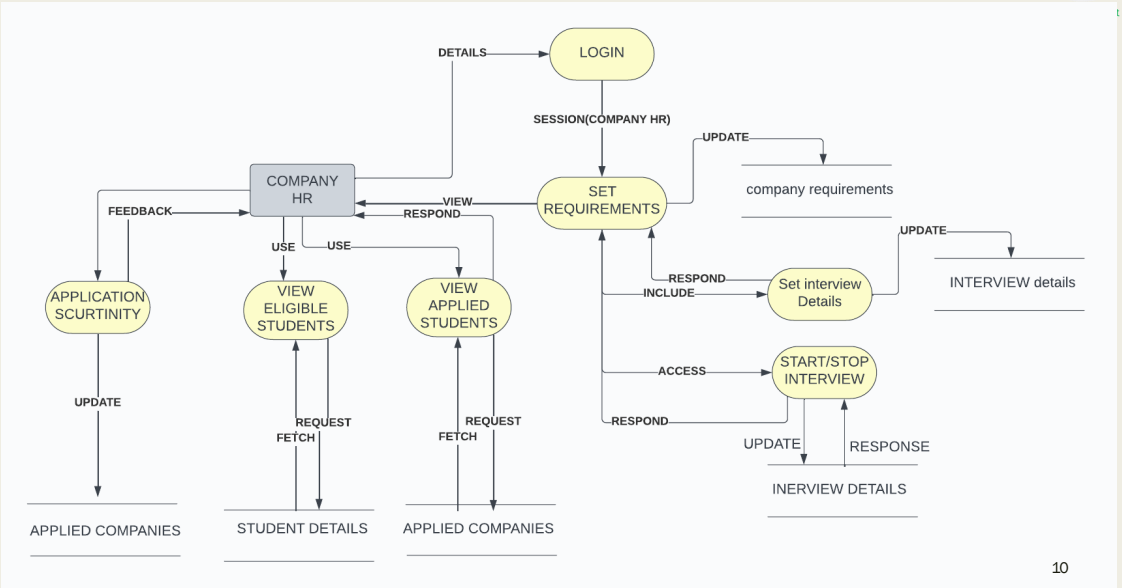

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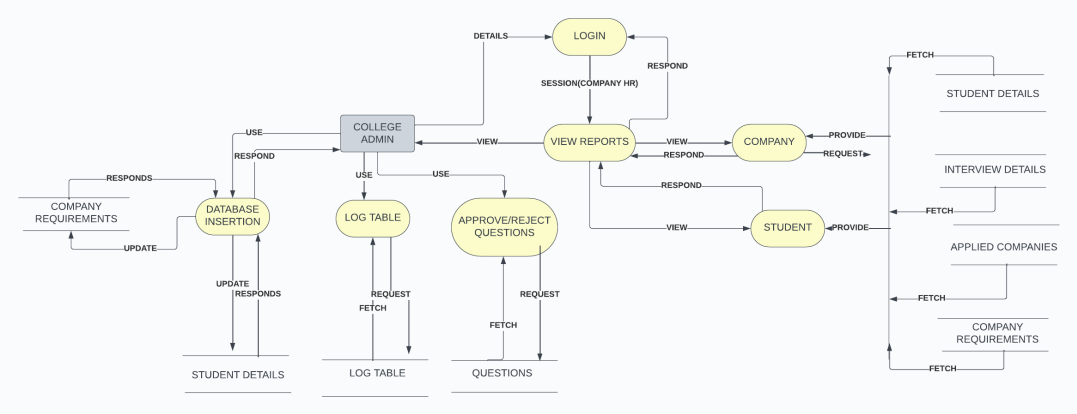
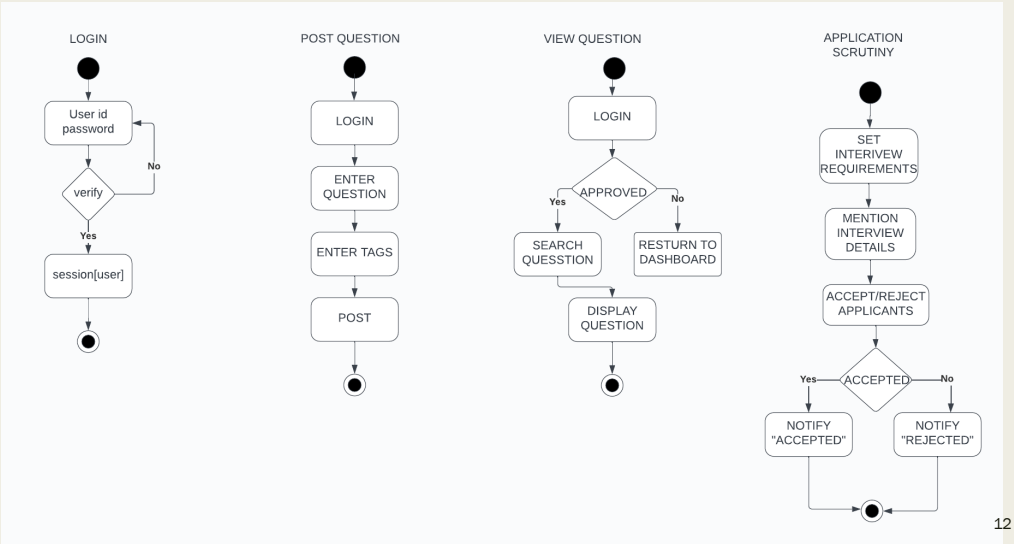


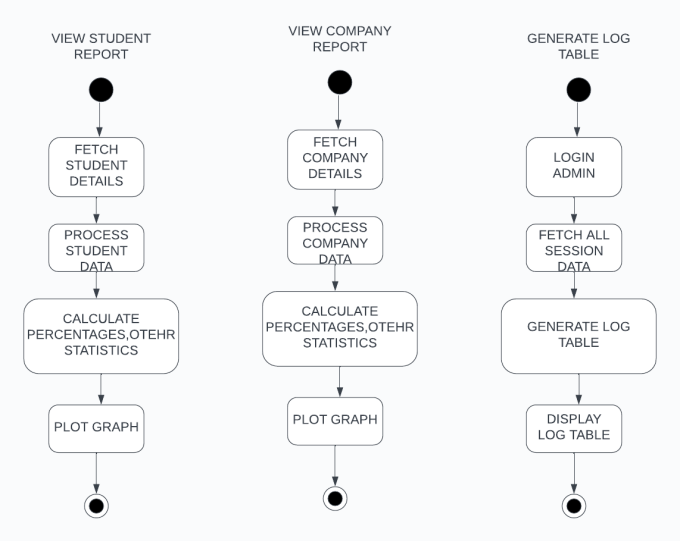
11

Activity Diagram



12

Activity Diagram ii



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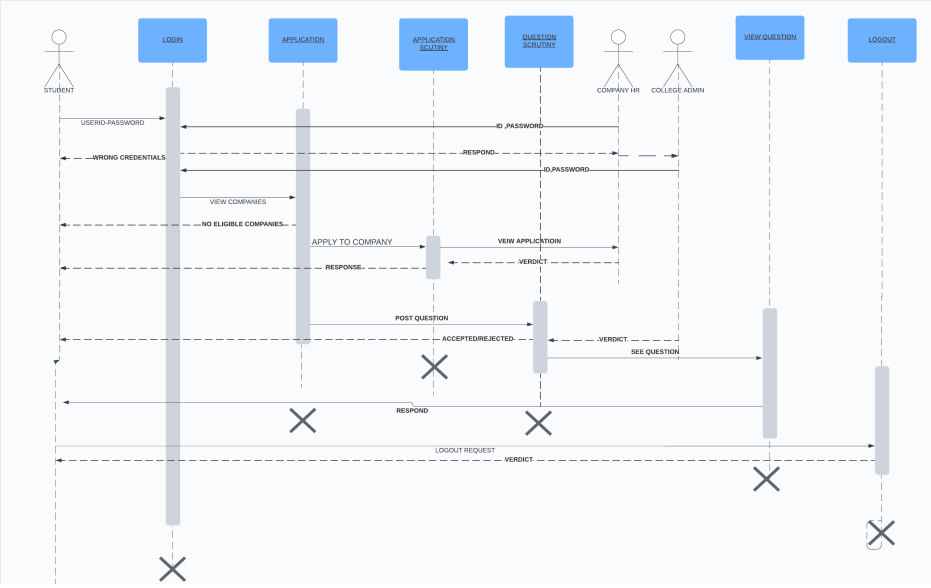
Sequence Diagram



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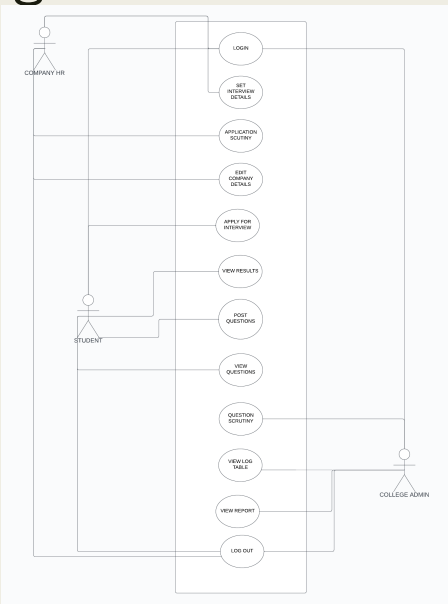
Use Case Diagram

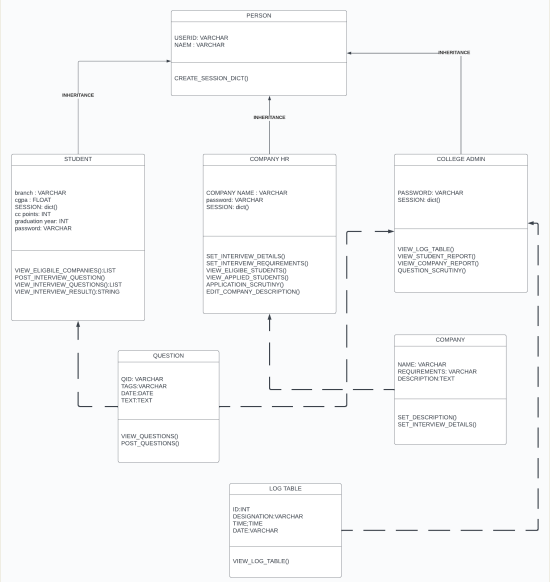
Career Connect



15

Class Diagram

Career Connect



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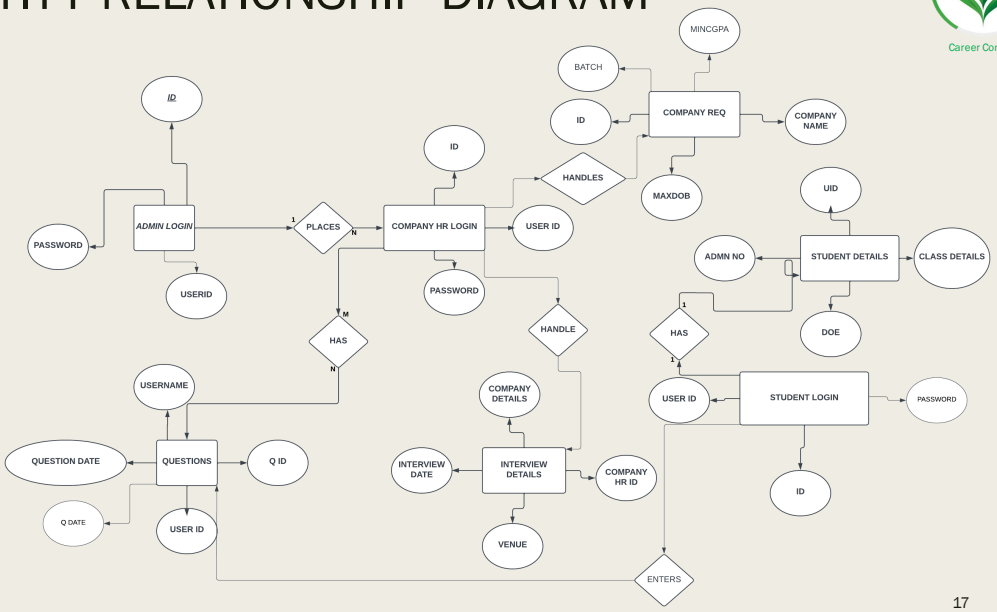
ENTITY RELATIONSHIP DIAGRAM

Career Connect



17

Implementation details like platforms, IDE, database

Career Connect

- Platform: Visual Studio Code
- Front End : HTML, CSS, JAVA
- Back End : Flask, Python, MySQL
- Database : MySQL
- Framework : Flask

18

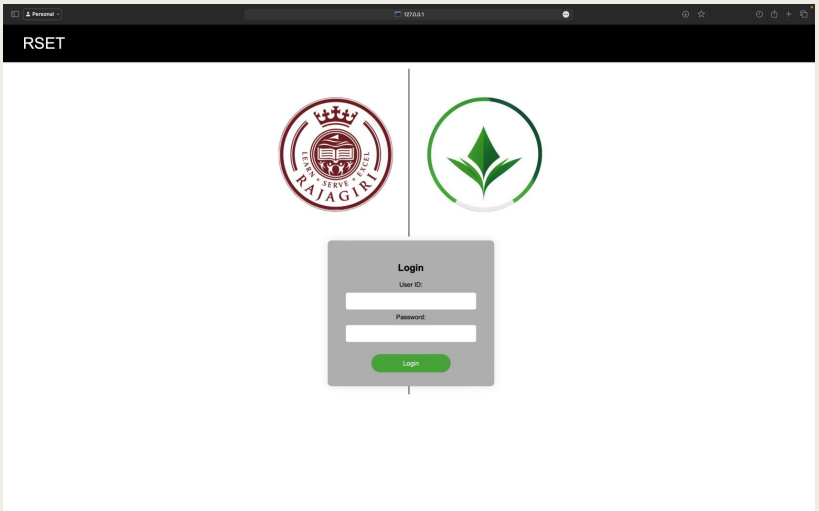
Career Connect

SCREENSHOTS

19

Career Connect

Login Page



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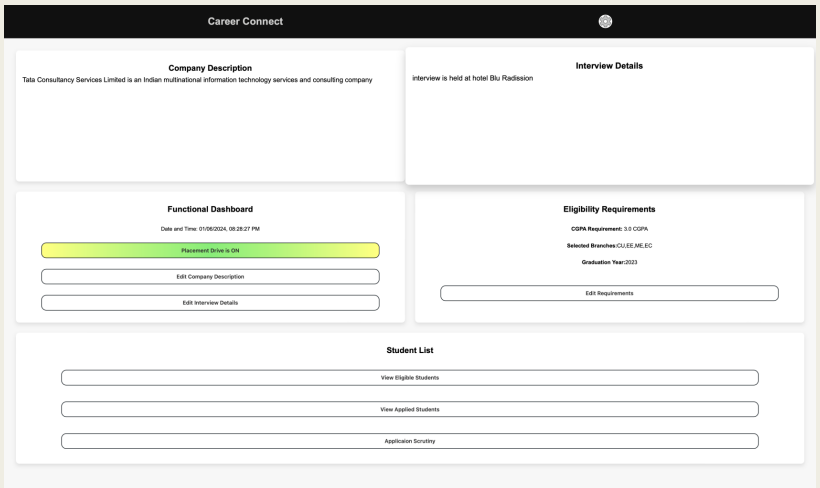
Company Dashboard

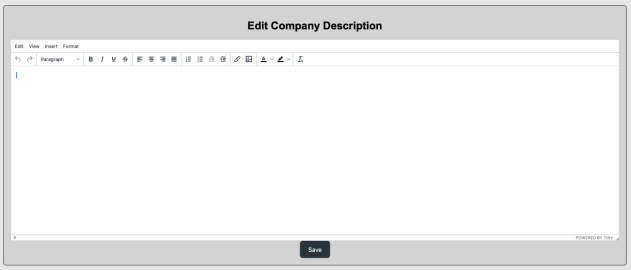
Career Connect



21

Edit Company Description

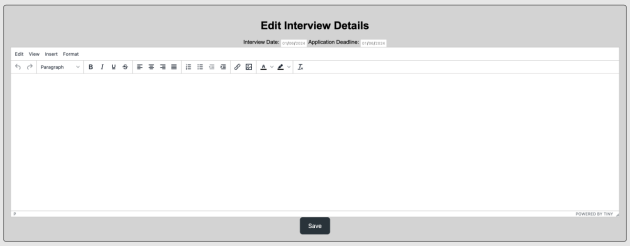
Career Connect



22

Edit Interview Details

Career Connect



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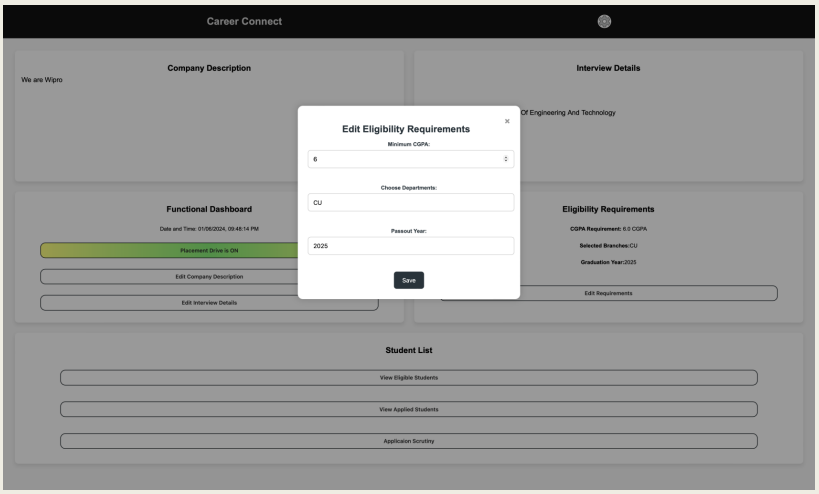
Eligibility Requirement

Career Connect



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List View Of Eligible Students

Career Connect

Eligible Students

Download Table

Serial Number	Student User ID	Student Name	CGPA	Dob	Batch
1	u2109001@rajagiri.edu.in	Aadarsh Suresh	8.0	2002-01-01	CU
2	u2109002@rajagiri.edu.in	Abhay Soorej	8.5	2002-01-02	CU
3	u2109003@rajagiri.edu.in	Ajil Shaji	9.0	2002-01-03	CU
4	u2109004@rajagiri.edu.in	Akshay G	10.0	2002-01-04	CU
5	u2109005@rajagiri.edu.in	Allen Prince	7.0	2002-01-05	CU
6	u2109006@rajagiri.edu.in	Alwin Joseph	6.0	2002-01-06	CU
7	u2109008@rajagiri.edu.in	Amal Thomas	8.0	2002-01-08	CU
8	u2109009@rajagiri.edu.in	Amel Chandra	8.5	2002-01-09	CU
9	u2109010@rajagiri.edu.in	Ann Mariya Joy	9.0	2002-01-10	CU
10	u2109011@rajagiri.edu.in	Ann Rinto	10.0	2002-01-11	CU
11	u2109012@rajagiri.edu.in	Anu Lakshmi	7.0	2002-01-12	CU
12	u2109013@rajagiri.edu.in	Anusha K A	6.0	2002-01-13	CU
13	u2109015@rajagiri.edu.in	Aquiline Rose Fernandez	8.0	2002-01-15	CU
14	u2109016@rajagiri.edu.in	Basil Ahmed Usman	8.5	2002-01-16	CU
15	u2109017@rajagiri.edu.in	Benitta Paul	9.0	2002-01-17	CU
16	u2109018@rajagiri.edu.in	Bharath S	10.0	2002-01-18	CU
17	u2109019@rajagiri.edu.in	Bhavesh Suresh Kumar	7.0	2002-01-19	CU
18	u2109020@rajagiri.edu.in	Bride Benson	6.0	2002-01-20	CU
19	u2109022@rajagiri.edu.in	Chithralekshmi R	8.0	2002-01-22	CU
20	u2109023@rajagiri.edu.in	David Vinoj Mathew	8.5	2002-01-23	CU
21	u2109024@rajagiri.edu.in	Dea Elizabeth Varghese	9.0	2002-01-24	CU
22	u2109025@rajagiri.edu.in	Devika S	10.0	2002-01-25	CU
23	u2109026@rajagiri.edu.in	Durga Ramaseshan	7.0	2002-01-26	CU
24	u2109027@rajagiri.edu.in	Gayathri S Rao	6.0	2002-01-27	CU
25	u2109029@rajagiri.edu.in	Jayasankar C M	8.0	2002-01-29	CU
26	u2109030@rajagiri.edu.in	Jess George Saji	8.5	2002-01-30	CU
27	u2109031@rajagiri.edu.in	Joehan Seby	9.0	2002-01-31	CU
28	u2109032@rajagiri.edu.in	Joel Stanly	10.0	2002-02-01	CU
29	u2109033@rajagiri.edu.in	Joepaul Vilsan	7.0	2002-02-02	CU

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List Of Applied Students

Career Connect

Applied Students

Serial Number	Student User ID	Student Name	CGPA	Dob	Batch
1	u2106001@rajagiri.edu.in	Aadarsh Suresh	8.0	2002-01-01	CU
2	u2106006@rajagiri.edu.in	Amal Thomas	8.0	2002-01-08	CU
3	u2106010@rajagiri.edu.in	Ann Mariya Joy	9.0	2002-01-10	CU
4	u2106016@rajagiri.edu.in	Basil Ahmed Usman	8.5	2002-01-16	CU
5	u2106037@rajagiri.edu.in	Louis Antony Vincy	8.5	2002-02-06	CU
6	u2106059@rajagiri.edu.in	Rohit Menon	8.5	2002-02-27	CU

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Scrutiny Of Applications

Career Connect

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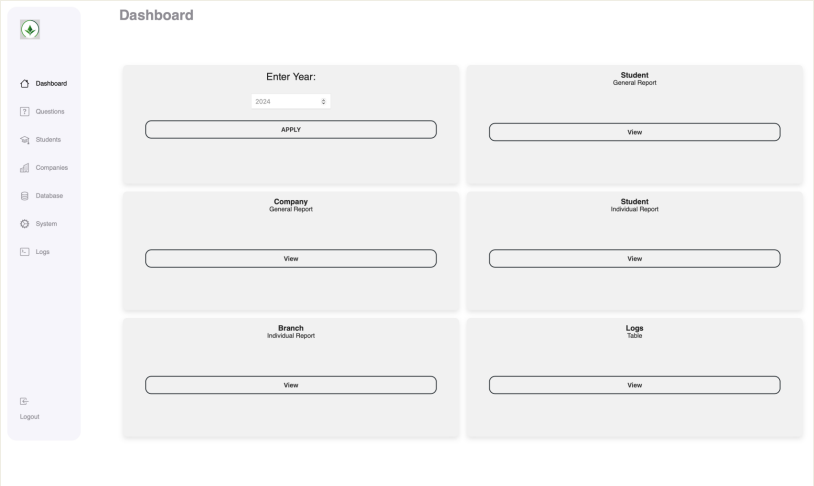
Admin Dashboard

Career Connect



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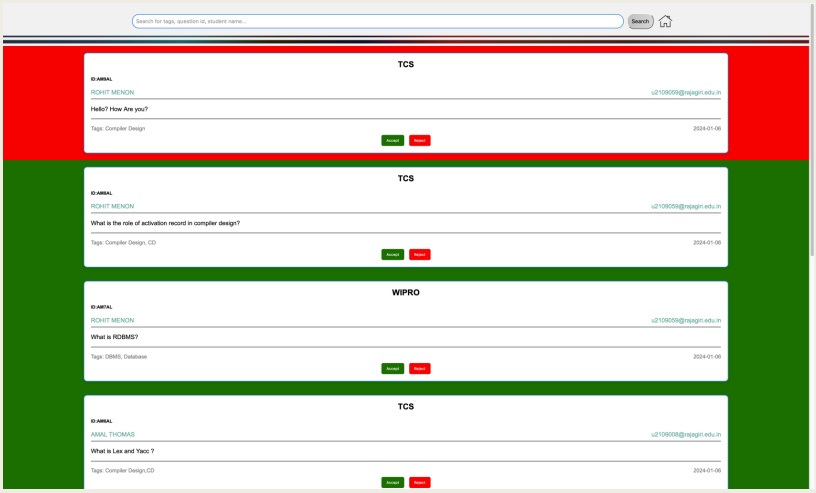
Question Approval

Career Connect



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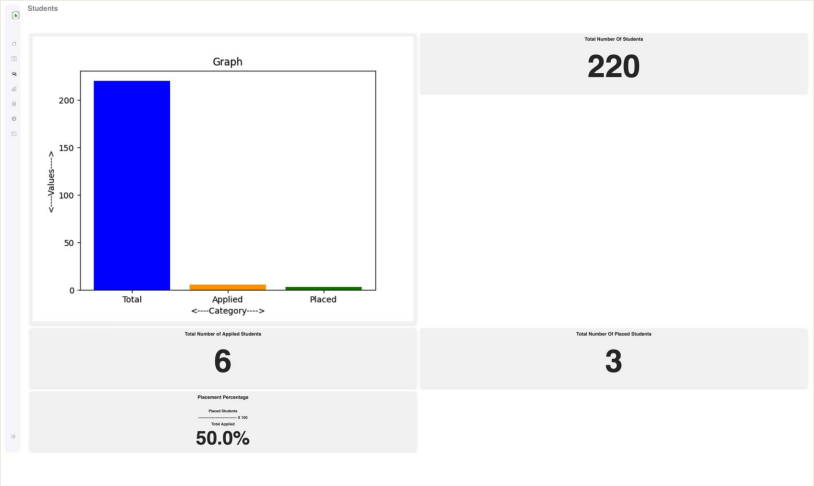
Student General Report

Career Connect



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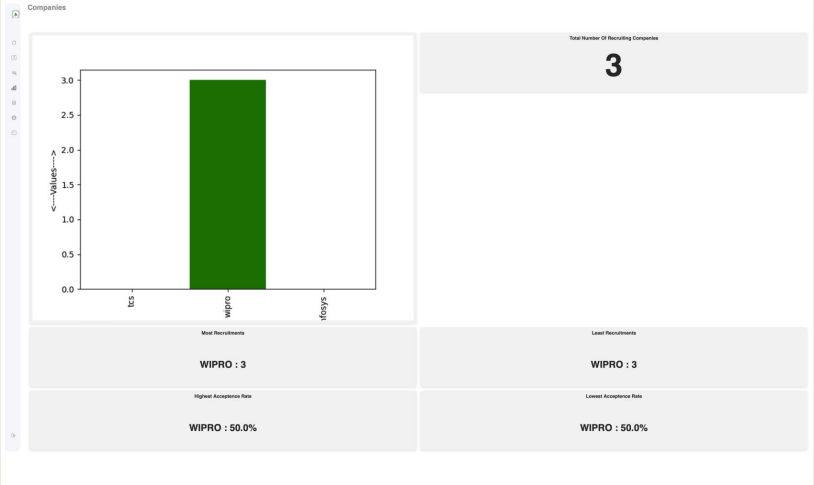
Company Report

Career Connect



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Placement Graph

Career Connect

BRANCH	NUMBER OF APPLICATIONS	NUMBER OF PLACEMENTS	NUMBER OF REJECTIONS	NUMBER OF PENDINGS
CU	6	3	2	1
ME	0	None	None	N/A
EE	0	None	None	N/A
CE	0	None	None	N/A
IT	0	None	None	N/A
AE	0	None	None	N/A
EC	0	None	None	N/A
AD	0	None	None	N/A
CS	0	None	None	N/A

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Student Individual Report

Download as Excel

UID	NAME	BRANCH	APPLIED COMPANIES	NUMBER OF PLACEMENTS	COMPANIES	NUMBER OF REJECTIONS	STATUS
u2109001@sajagiri.edu.in	Aadarsh Suresh	CU	1	1	WIPRO	0	PLACED
u2109002@sajagiri.edu.in	Abhay Soorej	CU	0	NONE	NONE	NONE	PENDING
u2109003@sajagiri.edu.in	Ajil Shaji	CU	0	NONE	NONE	NONE	PENDING
u2109004@sajagiri.edu.in	Akshay G	CU	0	NONE	NONE	NONE	PENDING
u2109005@sajagiri.edu.in	Allen Prince	CU	0	NONE	NONE	NONE	PENDING
u2109006@sajagiri.edu.in	Alwin Joseph	CU	0	NONE	NONE	NONE	PENDING
u2109007@sajagiri.edu.in	Amal Manoj	CU	0	NONE	NONE	NONE	PENDING
u2109008@sajagiri.edu.in	Amal Thomas	CU	1	1	WIPRO	0	PLACED
u2109009@sajagiri.edu.in	Amel Chandra	CU	0	NONE	NONE	NONE	PENDING
u2109010@sajagiri.edu.in	Ann Mariya Joy	CU	1	0	WIPRO	1	REJECTED
u2109011@sajagiri.edu.in	Ann Rinto	CU	0	NONE	NONE	NONE	PENDING
u2109012@sajagiri.edu.in	Anu Lakshmi	CU	0	NONE	NONE	NONE	PENDING
u2109013@sajagiri.edu.in	Anusha K A	CU	0	NONE	NONE	NONE	PENDING
u2109014@sajagiri.edu.in	Aaron Saby	CU	0	NONE	NONE	NONE	PENDING
u2109015@sajagiri.edu.in	Aquilina Rose Fernandez	CU	0	NONE	NONE	NONE	PENDING
u2109016@sajagiri.edu.in	Basil Ahmed Usman	CU	1	0	WIPRO	0	PENDING
u2109017@sajagiri.edu.in	Benitta Paul	CU	0	NONE	NONE	NONE	PENDING
u2109018@sajagiri.edu.in	Bhanith S	CU	0	NONE	NONE	NONE	PENDING
u2109019@sajagiri.edu.in	Bhavesh Suresh Kumar	CU	0	NONE	NONE	NONE	PENDING
u2109020@sajagiri.edu.in	Bridle Benson	CU	0	NONE	NONE	NONE	PENDING
u2109021@sajagiri.edu.in	Celina Elizabeth Jacob	CU	0	NONE	NONE	NONE	PENDING
u2109022@sajagiri.edu.in	Chithralakshmi R	CU	0	NONE	NONE	NONE	PENDING
u2109023@sajagiri.edu.in	David Vinoj Mathew	CU	0	NONE	NONE	NONE	PENDING
u2109024@sajagiri.edu.in	Dea Elizabeth Varghese	CU	0	NONE	NONE	NONE	PENDING
u2109025@sajagiri.edu.in	Devika S	CU	0	NONE	NONE	NONE	PENDING
u2109026@sajagiri.edu.in	Durga Ramaseshan	CU	0	NONE	NONE	NONE	PENDING
u2109027@sajagiri.edu.in	Gayathri S Rao	CU	0	NONE	NONE	NONE	PENDING
u2109028@sajagiri.edu.in	Hathik	CU	0	NONE	NONE	NONE	PENDING
u2109029@sajagiri.edu.in	Jayasankar C M	CU	0	NONE	NONE	NONE	PENDING
u2109030@sajagiri.edu.in	Jess George Saji	CU	0	NONE	NONE	NONE	PENDING
u2109031@sajagiri.edu.in	Joshan Saby	CU	0	NONE	NONE	NONE	PENDING
u2109032@sajagiri.edu.in	Joel Stanly	CU	0	NONE	NONE	NONE	PENDING

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Upload New Data to the Database

CSV Upload and Database Delete

Choose CSV file to upload: Choose File no file selected Upload

Delete Database

Career Connect

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Logs

Career Connect

Download as Excel

ID	USER ID	DESIGNATION	LOGIN DATE	LOGIN TIME
22	mathews@rajagiri.admin.in	college_admin	2024-01-06	21:25:48.674459
21	ajith@wipro.in	company_hr	2024-01-06	21:23:44.250675
20	u2109037@rajagiri.edu.in	student	2024-01-06	21:23:06.360176
19	u2109035@rajagiri.edu.in	student	2024-01-06	21:22:39.021633
18	u2109009@rajagiri.edu.in	student	2024-01-06	21:18:34.140140
17	u2109001@rajagiri.edu.in	student	2024-01-06	21:17:45.204474
16	ajith@wipro.in	company_hr	2024-01-06	21:17:04.420689
15	u2109035@rajagiri.edu.in	student	2024-01-06	21:07:47.656146
14	u2109016@rajagiri.edu.in	student	2024-01-06	21:05:11.103757
13	u2109010@rajagiri.edu.in	student	2024-01-06	21:04:49.164213
12	u2109001@rajagiri.edu.in	student	2024-01-06	21:04:21.142876
11	ajith@wipro.in	company_hr	2024-01-06	21:00:11.258316
10	mathews@rajagiri.admin.in	college_admin	2024-01-06	20:57:40.036624
9	u2109059@rajagiri.edu.in	student	2024-01-06	20:51:30.940820
8	ajith@wipro.in	company_hr	2024-01-06	20:47:04.070193
7	ajith@wipro.in	company_hr	2024-01-06	20:43:51.651990
6	u2109009@rajagiri.edu.in	student	2024-01-06	20:39:53.855819
5	mathews@rajagiri.admin.in	college_admin	2024-01-06	20:32:16.404771
4	u2109009@rajagiri.edu.in	student	2024-01-06	20:31:37.691957
3	rajesh@tcs.in	company_hr	2024-01-06	20:28:10.365217
2	mathews@rajagiri.admin.in	college_admin	2024-01-06	20:13:42.822966
1	u2109009@rajagiri.edu.in	student	2024-01-06	20:10:19.183751

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Student Dashboard

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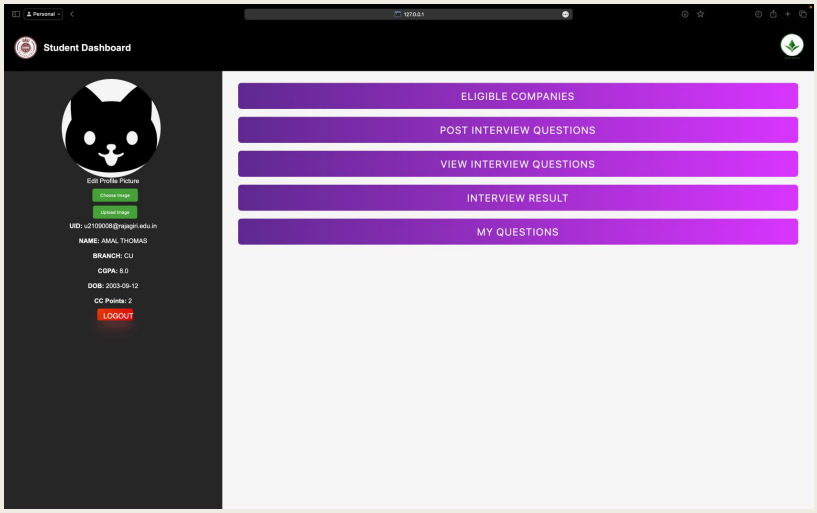

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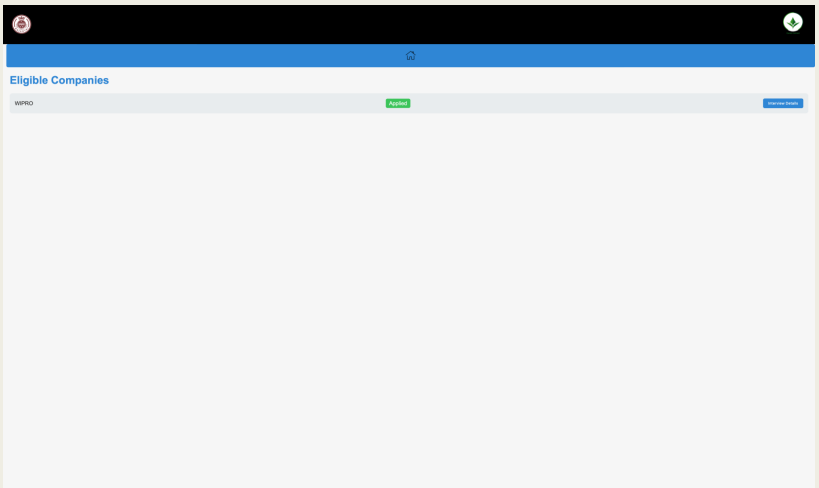
View Eligibility



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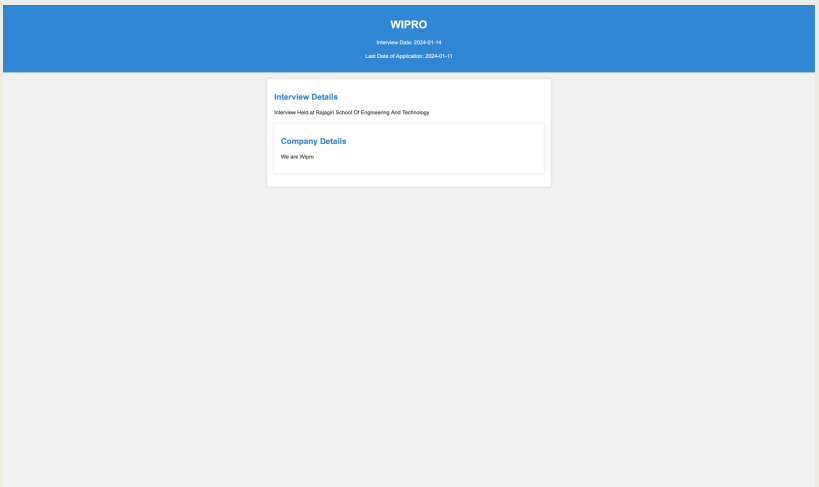
Details Of Interview



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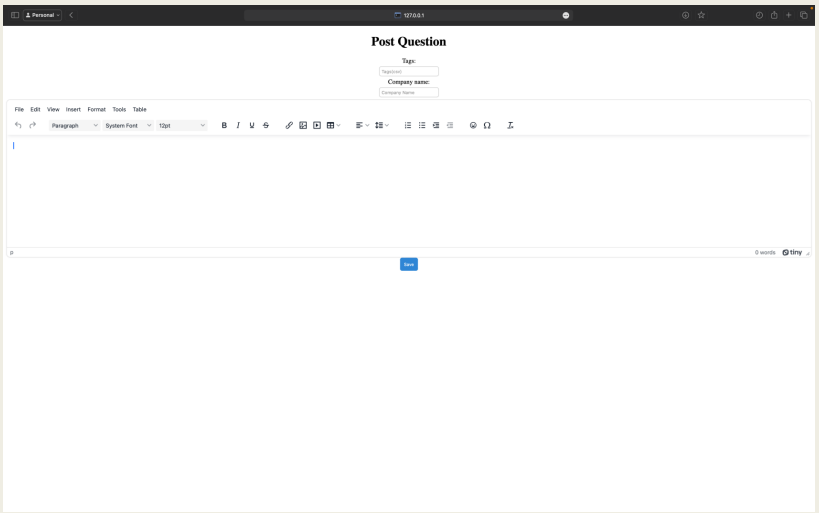
Post Questions After Interview



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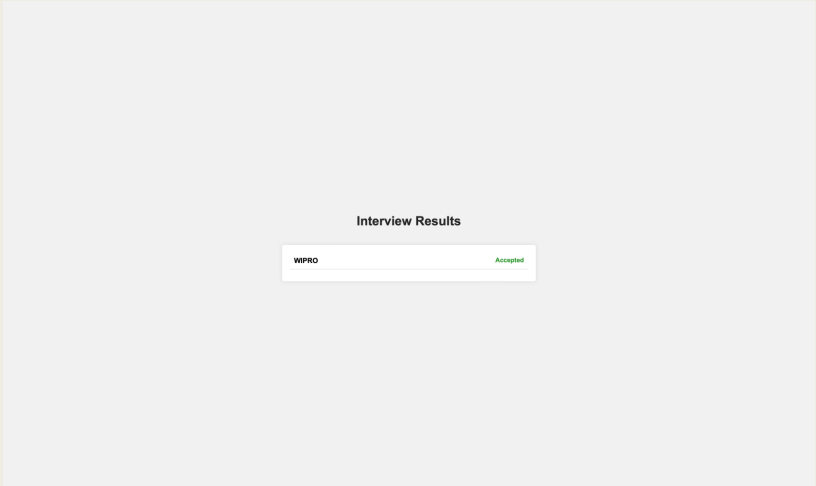
Results Of Interview



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View Asked Questions

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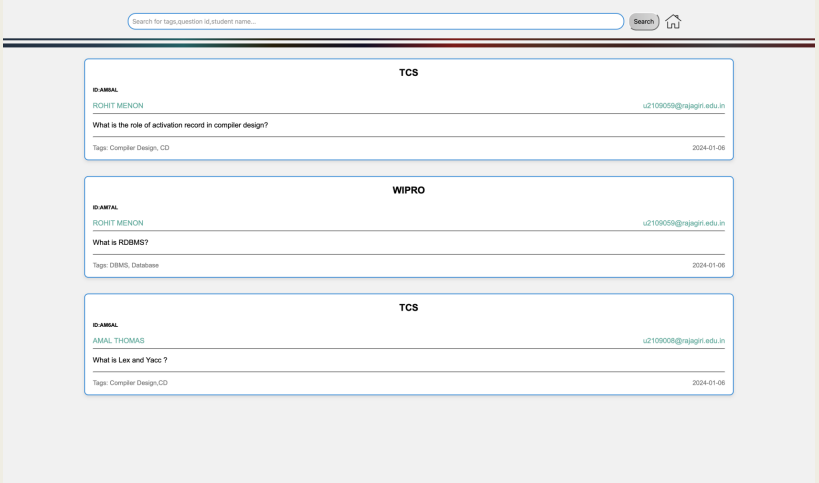

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View My Questions

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THANK YOU.!!

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Appendix II: Vision, Mission, Programme Outcomes and Course Outcomes

Vision, Mission, Programme Outcomes and Course Outcomes

Institute Vision

To evolve into a premier technological institution, moulding eminent professionals with creative minds, innovative ideas and sound practical skill, and to shape a future where technology works for the enrichment of mankind.

Institute Mission

To impart state-of-the-art knowledge to individuals in various technological disciplines and to inculcate in them a high degree of social consciousness and human values, thereby enabling them to face the challenges of life with courage and conviction.

Department Vision

To evolve into a department of excellence in information technology by the creation and exchange of knowledge through leading- edge research, innovation, and services, which will, in turn, contribute towards solving complex societal problems and thus building a peaceful and prosperous mankind.

Department Mission

To Impart high quality technical education, research training. professionalism and strong ethical values in the young minds for ensuring their productive careers in industry and academia so as to work with a commitment to the betterment of mankind.

Programme Outcomes (PO)

Engineering Graduates will be able to:

1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. Conduct investigations of complex problems: Use research-based knowledge including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. Individual and Team work: Function effectively as an individual, and as a member or leader in teams, and in multidisciplinary settings.

10. Communication: Communicate effectively with the engineering community and with society at large. Be able to comprehend and write effective reports documentation. Make effective presentations, and give and receive clear instructions.

11. Project management and finance: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team. Manage projects in multidisciplinary environments.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

Course Outcomes (CO)

Course Outcome 1: Make use of acquired knowledge within the selected area of technology for project development.

Course Outcome 2: Identify, discuss and justify the technical aspects and design aspects of the project with a systematic approach.

Course Outcome 3: Interpret, improve and refine technical aspects for engineering projects.

Course Outcome 4: Associate with a team as an effective team player for the development of technical projects.

Course Outcome 5: Report effectively the project related activities and findings.

Mapping of Course Outcomes with Program Outcomes

CO - PO Mapping

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	3	3	3	3	3	3	3	3	-	-	-	3
CO 2	3	3	3	3	3	-	2	3	-	3	2	3
CO 3	3	3	3	3	3	2	3	3	-	2	3	3
CO 4	3	3	2	2	-	-	-	3	3	3	3	3
CO 5	3	-	-	–	2	-	-	3	2	3	2	3