Document:- System Requirement Specification Document (SRS)

Title:- Campus Placement Management Portal

Team:- Training & Placement Officer, HR professionals, Placement Co-coordinator, Student Co-coordinator, Students, Quality Team

Objective:-

The Campus Placement Management System Portal is basically built for placement process of our institute students starting from shortlisting to final selection of students for placements. It also helps the training and placement officers to overcome the difficulty in keeping records of hundreds and thousands of students and searching the eligible students for recruitment, based on various eligibility criteria of different companies.

Scope:

1) All placement related work for the student can be done using this system.

2) To offer students to appear for placements up to 3 years after their completion of graduation.

3) To offer students to visit the website, search for jobs, apply for jobs and maintain their own profile details

4) Portal Support & Maintenance after deployment to production.

Requirements:

Functional Requirements:

1. Job Posting: The students will be able to view the job openings, including details such as job title, job description, required skills, and qualifications posted by recruiters.

2. Student Registration: The students will be able to register and create a profile, including their personal information, skills, educational background, project experience and certification if any. Any anonymous student will be able to search for the jobs but only registered students will be able to apply for the jobs posted on the portal.

3. Student Application Management: The students will be able to apply for job openings and recruiters will be able to manage and track candidate applications.

4. Interview Scheduling: The recruiters will be able to schedule interviews with candidates, and candidates will be able to view and confirm interview appointments.

5. Placement Management: The placement team will be able to track student placements, including the company they will be placed with, the job title, and the salary.

6. Resume Section: The students will be able to upload their resume so that it can be used to apply for job openings.

7. Communication and Messaging: The portal will be able to send automated notifications for interview scheduling, job application status updates, and other key events. The portal will be able to report and analyze facilities that allow the placement team to track performance indicators such as job placement rates, job openings, and candidate applications.

Non-Functional Requirements:-

1. Performance: The portal will be able to handle a large volume of user traffic and process job applications, interview scheduling, and other transactions quickly and efficiently.

2. Reliability: The portal will be highly available and have a high level of uptime, with minimal downtime for maintenance and updates.

3. Security: The portal will follow best practices for information security, including secure login, password management, and encryption of sensitive data. It will also have a robust access control system that ensures that only authorized users can access sensitive data.

4. Usability: The portal will be easy to use and navigate, with clear instructions and feedback to guide users through the various functions and processes.

5. Accessibility: The portal will be accessible to users with disabilities, including support for assistive technologies such as screen readers and keyboard navigation.

6. Scalability: The portal will be scalable to accommodate future growth in user traffic and data volume.

7. Data Privacy: The portal will be able to comply with data privacy regulations, including the collection, storage, and processing of personal information.

8. Backup and Recovery: The portal will have a robust backup and recovery system that ensures the integrity and availability of data in case of system failures, disasters, or other emergencies.

9. Interoperability: The portal will be able to interoperable with other software systems, including student information systems and HR management systems, to ensure data consistency and accuracy.

ER Diagram :-

Student

Student
Student ID
Name
Roll Number
Contact No
Email
Resume

Company
Company ID
Name
Contact No
Email ID

Job Posting
Job Posting ID
Position
Salary
Eligibility
Criteria
Application
Deadline

Placement
Job Posting ID
Placement ID
Date of Placement
Status

Applies For
Student ID
Job Posting ID