

Software Requirement Specification for Placement Record Portal

Name	Dhakshitha S
Roll no	7376221CS134
Seat no	43
Project ID	3
Problem statement	Students need to upload their internship offer letter and Job offer letter in a centralized forum

1. Introduction:

1.1 Purpose:

This document aims to provide a thorough overview of the Placement Record Portal. The document will elucidate the objectives and characteristics of the system, as well as its interfaces, functionalities, operational limitations, and response to external stimuli.

1.2 Scope of Project:

- The system aims to facilitate the placement process by allowing students to upload their offer letters while providing Placement Cell administrators with comprehensive tools to manage and analyze placement data effectively.
- The system implements role-based access control to ensure data security and privacy.
- Students have access only to their own placement data through the student dashboard.
- Administrators have access to all placement data and administrative functions through the administrator dashboard.

2.System Overview:

2.1 Users:

1. Students:

Students can submit their placement details, including offer letters, mail confirmations, internship letters, and letters of intent and they monitor the status of their placement record submissions and update their current workplace information if necessary. They also receive notifications regarding the status of their placement record.

2. Admins:

Admins have to review and verify submitted placement records and approve or reject placement record submissions. They utilize analytical dashboards for monitoring placement statistics and trends, concurrently engaging with students to provide support and updates on their placement record submissions.

2.2 Features:

1. Login:

Students can login with their existing account.

2. Offer Letter Submission :

Students can securely upload their offer letters through the portal. Each uploaded offer letter includes details such as company name, job position, location, salary, internship details (if applicable), stipend amount, location, and other relevant information.

3. Application Status:

Students can view the current status of their application and also see the history logs in the option Activity

4. Admin Access:

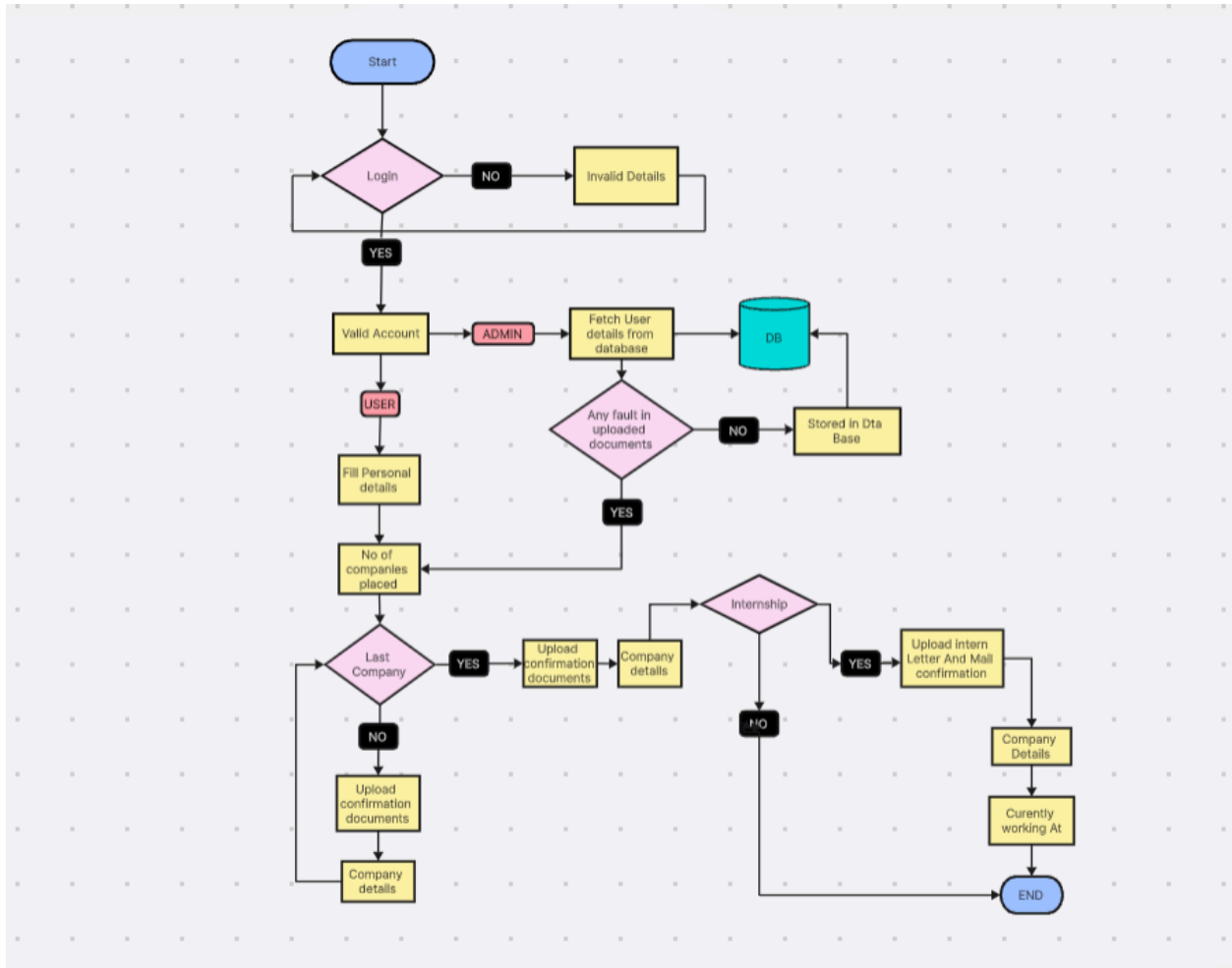
- Placement Cell administrators have access to a comprehensive dashboard with tools for managing and analyzing placement data.
- Administrators can view all placement data, including details of placements by

location, company, salary packages, and other relevant metrics.

5. Dashboard for Placement Analytics:

The system offers a dashboard with visualizations and analytics tools.

Placement Cell staff can track placement trends, view statistics on placements by location, company, salary packages, and other relevant metrics.



3. System Requirements Specification:

3.1 Functional Requirements:

User Management:

- Students can login using their existing account.

- Admins have access control with an analytical dashboard and dedicated features.

Placement Record Details:

- Students can submit placement records with appropriate details
- Record form contains:
 - Number of Companies
 - Name of the Company
 - Provisional offer letter document attachment
 - Internship Letter
 - Mail Confirmation

Application Status:

Students can track the status of their placement through their personalized dashboard. They receive notifications for any updates regarding their placement status, such as offer letter approval or rejection.

Admin Dashboard:

1. Administrators log in to the platform and are greeted with a comprehensive dashboard displaying placement analytics and administrative tools.
2. Administrators access the offer letter management section to view all offer letters uploaded by students. They can download offer letters as a PDF or print them for documentation purposes.
3. Administrators analyze placement data using the tools provided on the dashboard. They can view placement statistics, trends, and insights to assess the effectiveness of placement strategies.
4. Administrators export placement data to an Excel spreadsheet for further analysis or reporting purposes. They can customize the data fields to be exported based on their requirements.
5. Administrators manage student accounts, including adding new users, updating profiles, and deactivating accounts if necessary.

Analytics Dashboard:

Administrators analyze placement data using the tools provided on the dashboard. They can view placement statistics, trends, and insights to assess the effectiveness of placement strategies.

3.2 Non-Functional Requirements:

Performance :

The platform features a user-friendly interface designed for easy navigation and interaction for both students and administrators.

Scalability :

The system is scalable to accommodate a growing number of students and placements over time. It allows for customization to adapt to specific requirements and preferences of the Placement Cell and the institution.

Security and Access Control:

The PDF generation and data export functionalities are accessible only to authorized administrators. Role-based access control ensures that only admins with appropriate permissions can perform these actions.

Error Handling and Validation:

The system includes error handling mechanisms to address any issues that may arise during PDF generation or data export. It performs validation checks to ensure that the exported data is accurate and complete.

Notifications:

Notification alerts for new offer letter uploads, placement status updates, and important deadlines. Ability to view notifications, take appropriate actions as needed and mark them as read.