**Diagram

Description automatically generated with medium confidenceSoftware Engineering Lab - Mini Project Synopsis**

**Campus Placement Management System (CPMS)**

Date: 31-07-2025

**Team Members:**

Section CSE – A – Batch 1

- Krishna Agarwal – Reg. No: 230905028 – Roll No: 6  
- Devadathan N R – Reg. No: 230905010 – Roll No: 4  
- Ritanshu Kumar – Reg. No: 230905216 – Roll No: 26

**Objective:**

To design and develop a centralized web-based platform to digitize and streamline campus placements, addressing inefficiencies and lack of transparency in the current system. The CPMS enables real-time job drive updates, automated eligibility checks, application tracking, and transparent result publishing accessible to students, companies, and placement officers.

**Scope:**

The CPMS will support:  
- Students: Register, upload profile, check eligibility, apply for drives, and track application status.  
- Placement Officers: Manage drives, filter eligible students, publish results, generate statistics.  
- Companies: Post jobs, define criteria, view applicants, upload shortlists/results.

**Key Features:**

- Role-based login system (Admin, Student, Company)  
- Company job postings with CGPA/backlog filters  
- Real-time eligibility check before application  
- Live application status updates (e.g. Applied, Shortlisted, Rejected)  
- Result publishing with timestamps  
- Dashboard showing drive-wise stats and history  
- Optional email notifications

**Modules:**

1. User Management Module  
2. Drive & Job Management  
3. Eligibility & Application Workflow  
4. Result Processing & Transparency Dashboard  
5. Admin Analytics & Reporting

The system will be developed using the **Incremental Development Model**, which allows early delivery of functional modules and supports evolving user requirements through iterations.