**Preliminary Project Information Report**

**Project title: Enhancing Campus Placements with Smart Matching Systems**

**Students details:**

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| --- | --- | --- | --- | --- |
| SAP ID | Roll Number | Name of the student | Email Id | Contact number |
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| 70102300019 | K014 | Aaron Chettiar | Aaron.chettiar19@nmims.in | 8591234198 |
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**Problem Statement:**

The traditional placement process in colleges faces multiple challenges that hinder efficiency and communication between students and the placement cell. Key issues include:

Missed Opportunities: Students often fail to keep track of placement deadlines, leading to missed applications.

Manual Shortlisting: The process of filtering eligible students is time-consuming and prone to errors.

Inefficient Communication: There is no centralized system for placement updates, leading to confusion and last-minute rush.

Lack of Tracking System: Students are unaware of their placement application status, affecting preparation.

This project aims to automate and centralize the placement process, ensuring seamless communication, structured job tracking, and efficient student shortlisting.

**Project Brief Description:**

The Placement Management App will serve as a one-stop solution for students and the placement cell. It will:

Allow students to enter their academic details and track their placement eligibility.

Provide real-time notifications for upcoming placement drives and deadlines.

Enable automatic shortlisting of students based on predefined company criteria.

Feature a chatroom for student queries, ensuring smooth communication with the placement cell.

Offer an interactive calendar to help students stay organized with placement schedules.

By automating student shortlisting and enhancing placement coordination, this app will improve placement efficiency and transparency.

**Project Features:**

Student Features

✅ Profile Creation – Students can enter their academic records, skills, and personal details.

✅ Placement Notifications – Alerts about upcoming job opportunities and deadlines.

✅ Placement Calendar – A built-in calendar to track placement drive schedules.

✅ Application Reminders – Notifications for interviews and application deadlines.

✅ Chatroom for Queries – A messaging system for students to communicate with the placement cell.

✅ Feedback System – Students can provide feedback on placement drives.

Placement Cell Features

✅ Company & Job Management – Admins can enter job details and eligibility criteria.

✅ Automated Student Shortlisting – Filters eligible students based on predefined conditions.

✅ Bulk Notifications & Emails – Sends updates to all eligible students.

✅ Placement Analytics Dashboard – Tracks placement statistics and student participation.

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**Prototype of the Application (Screenshots):**

Key Screens:

1. Login/Register Page – Secure authentication for students and placement cell members.

2. Student Dashboard – Displays upcoming placement drives and application status.

3. Job Details Page – Shows job descriptions, eligibility criteria, and application options.

4. Placement Calendar – Interactive calendar to track placement events.

5. Chatroom Interface – Students can send queries to the placement cell.

*A screenshot of a phone

AI-generated content may be incorrect.A screenshot of a profile

AI-generated content may be incorrect.*A diagram of a student application

AI-generated content may be incorrect.

*A screenshot of a table

AI-generated content may be incorrect.A screenshot of a phone

AI-generated content may be incorrect.*

**Conclusion:**

The Smart Matching System for Campus Placements will modernize and automate the traditional hiring process, enabling students to easily find job opportunities that match their skills. With Android Studio as the development platform, the app will be user-friendly, efficient, and scalable, benefiting both students and recruiters*.*