

# Project Proposal: CareerLinker - Job Recruitment System

## Group Member:

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## Project Scenario:

CareerLinker is envisioned as a comprehensive Job Recruitment System aimed at simplifying the job search and recruitment process. In this scenario, job seekers and recruiters can efficiently connect through a user-friendly platform, streamlining the hiring process for both parties.

## Functionalities:

### 1. User Authentication:

- a. Job seekers and recruiters can log in or sign up securely to access their respective accounts.

### 2. Job Seeker Functionalities:

- a. Search for jobs based on keywords, location, and salary.
- b. Update personal information, skills, and work experience in the resume/profile.
- c. Apply for jobs with the option to track application status.
- d. View a comprehensive list of all available jobs.

### 3. Recruiter Functionalities:

- a. Post job openings with details like title, salary, and job requirements.
- b. Manage posted jobs, including editing, closing, or reopening positions.
- c. Review job applications, and filter applicants based on skills and experience.
- d. View a comprehensive list of all posted jobs.

### 4. User Database Integration (MySQL):

- a. Utilize MySQL for data storage and retrieval.
- b. Create tables for users, job listings, applications, and any other necessary entities.
- c. Implement database connections within the user authentication process.

### 5. Additional Features (if time permits):

- a. Messaging System: Implement a real-time messaging feature to facilitate communication between job seekers and recruiters.
- b. User Categories: Introduce an 'Admin' class to manage system configurations, user permissions, and security. Create a 'Guest' category, allowing users to access basic information without the need to log in.