

Software Requirements Specification

Project: Job Listings Portal

Brief Problem Statement:

The objective is to develop a web application that provides flexibility to applicants as well as recruiters by providing the functionalities of searching and advertising open job positions within a single application. This application will provide an effective means for the employers to post job vacancies and then filter candidates based on their needs.

The traditional mode of job advertising are news articles, advertisements, Job Fairs etc.

System Requirements:

Hardware Requirements:

- Processor: Intel Core i5
- RAM: 8GB
- Disk Space: 50GB

Software Requirements:

- Operating System: Linux
- IDE: Visual Studio Code
- Frameworks: Django, React
- Database: MongoDB
- Front End: HTML5, CSS3, JavaScript, Bootstrap

User Profiles:

- Unregistered Applicant
- Unregistered Employer
- Registered Applicant
- Registered Employer
- System Admin

Use Cases

Use Case	Description
Register Account/ Sign-up	This use case denotes a set of actions required for Employer and applicant to register with the application.
Login	This use case denotes a set of actions required for Employer and Job seeker to login into the application.
View Employers	This use case denotes a set of actions required for admin to view the Employers that are registered with the application.
Post New Job	This use case denotes a set of actions required for Employer to post a job.
Change Active Status of Post	This use case denotes a set of actions required for Employer to change the status of the job post from active to inactive and vice versa.
View Job Posts	This use case denotes a set of actions required for Employer to view all the jobs posted by the Employer.
Search Job Listings	This use case denotes a set of actions required for Job Seeker to search available and active jobs.
Apply for Job	This use case denotes a set of actions required for Job Seeker to apply for an available job vacancy.

Use Case Diagram

