

**SRS FOR JOB SEARCH**  
**APPLICATION**

BY

B. AKSHAYA  
K. MANO SREE  
A. NIVETHA  
G.V. RITHUVARSHINI

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## **INTRODUCTION:**

The proposed project “Job search application” has been developed to overcome the problems faced in the recruitment process. The Project we named “Job search application” which is an application that provides an opportunity for candidates to search out specified jobs. Besides, opportunities will be there for the organizations to recruit the most efficient employees for their company.

“Job search application” is built to eliminate and, in some cases, reduce the hardships faced by the existing system. Moreover, this system is designed for the needs of the company to carry out its hiring operations in a smooth and effective manner. This application is reduced as much as possible to avoid errors while entering data. It also provides an error message while entering invalid data.

It is user-friendly as no formal knowledge is required to use the system. Human resource challenges are faced by every organization which must be overcome by the organization. Every organization has a different recruitment process. Therefore, We have designed exclusive application that are adapted to the organization’s managerial requirements.

“Job search application” is designed to make the existing system efficient and fast with the help of computerized equipment and full-edged computer software, fulfilling their requirements, so that their valuable time can be saved. This application makes candidates available to the companies so that they can easily find the best match for their requirements. “Job search application” can maintain and show categorized people looking for jobs. The project describes how we can achieve fast hiring, and manage user resumes for better jobs for the user.

## **PROJECT OBJECTIVES Of JOB SEARCH APPLICATION**

We will build an application “Job search application” to make the existing system efficient and fast with the help of computerized equipment and full-edged computer software, fulfilling their requirements, so that their valuable time can be saved. This application makes candidates available to the companies so that they can easily find the best match for their requirements. “Job search application” can maintain and show categorized people looking for jobs. The project describes how we can achieve fast hiring, and manage user resumes for better jobs for the user.

## **PROJECT OVERVIEW**

Overview The Technical Document will provide a detailed description of the “Job search application”. This document will provide the outline of the requirements, an overview of the characteristics and constraints of the system.

## **PROJECT SCOPE OF JOB SEARCH APPLICATION**

The Technical Document captures all the requirements in a single document. The “Job search application” that is to be developed provides the members with jobs information, online applications for jobs, and many other facilities.

Maintain job seekers’ Records.

Maintain uploaded Resumes.

Provide customized job postings.

Maintain job posting details.

## **TOOLS FOR DEVELOPMENT**

Our application is based on the following tools and computer languages:

## **SOFTWARE REQUIREMENTS:**

### **Front-End Tools and Technologies:**

- HTML
- CSS
- JavaScript
- Bootstrap

## **Back-End Tools and Technologies**

- Python
- Django
- Database
- PostgreSQL
- Other Tools and Technologies
- Microsoft Office package (For documentation)

## **HARDWARE REQUIREMENT:**

- Processor: Intel Pentium 4
- RAM: 512 MB RAM
- Monitor: 15" color printer
- Processor speed: 1.7 GHZ

## **SYSTEM REQUIREMENT**

### **Functional Requirements:**

It is the primary requirement that is fulfilled by our job application. It's allowing the users, and employers to use our application at the level ease. The purpose of our application is to provide the full information that is required of the user. Here is the following requirement that is fulfilled by our system.

### **Users**

#### **User Login**

This feature is used by the user/admin to login into the system. A user/admin must log in with his username and password to the system after registration. If they are invalid, the user is not allowed to enter the system.

Username and password will be provided after user registration is confirmed.

Password should be hidden from others while typing it in the field.

## **Register New User**

A new user will have to register in the system by providing essential details in order to apply in the job. The admin must accept a new user.

The system must be able to verify and validate the information.

The system must encrypt the password of the user to provide security.

## **Search Jobs**

The user can search for the desired jobs. He can view different jobs. After confirming the login in the search user can select it and apply by providing the necessary details.

## **Upload Resume**

The job seekers can upload their resumes and provide the necessary details if they are interested in jobs.

## **Admin**

Manage Users and Employers

The administrator can add users, delete users, and view users.

Manage jobs.

The administrator can add jobs, delete jobs, hide jobs, and view jobs.

Manage details.

The system must identify the login of the admin.

Admin account should be secured so that only the application developer can access that account.

## **Non-Functional Requirements**

### **Efficiency Requirement**

When an “Job search application” is implemented job seekers and employers can view and upload job vacancies respectively from their homes easily without any difficulty.

### **Usability Requirement**

The “Job search application” is designed for a user-friendly environment and ease of use.

### **Reliability Requirement**

This application should provide a reliable environment for both employers and job seekers. All jobs should be reaching the admin without any errors and should be shown to the viewers.

### **Implementation Requirement**

Implementation of this system using HTML, CSS, JavaScript, and Bootstrap in the front end with Python, and Django as the back end and it will be used for database connectivity. And the database part is developed by PostgreSQL.

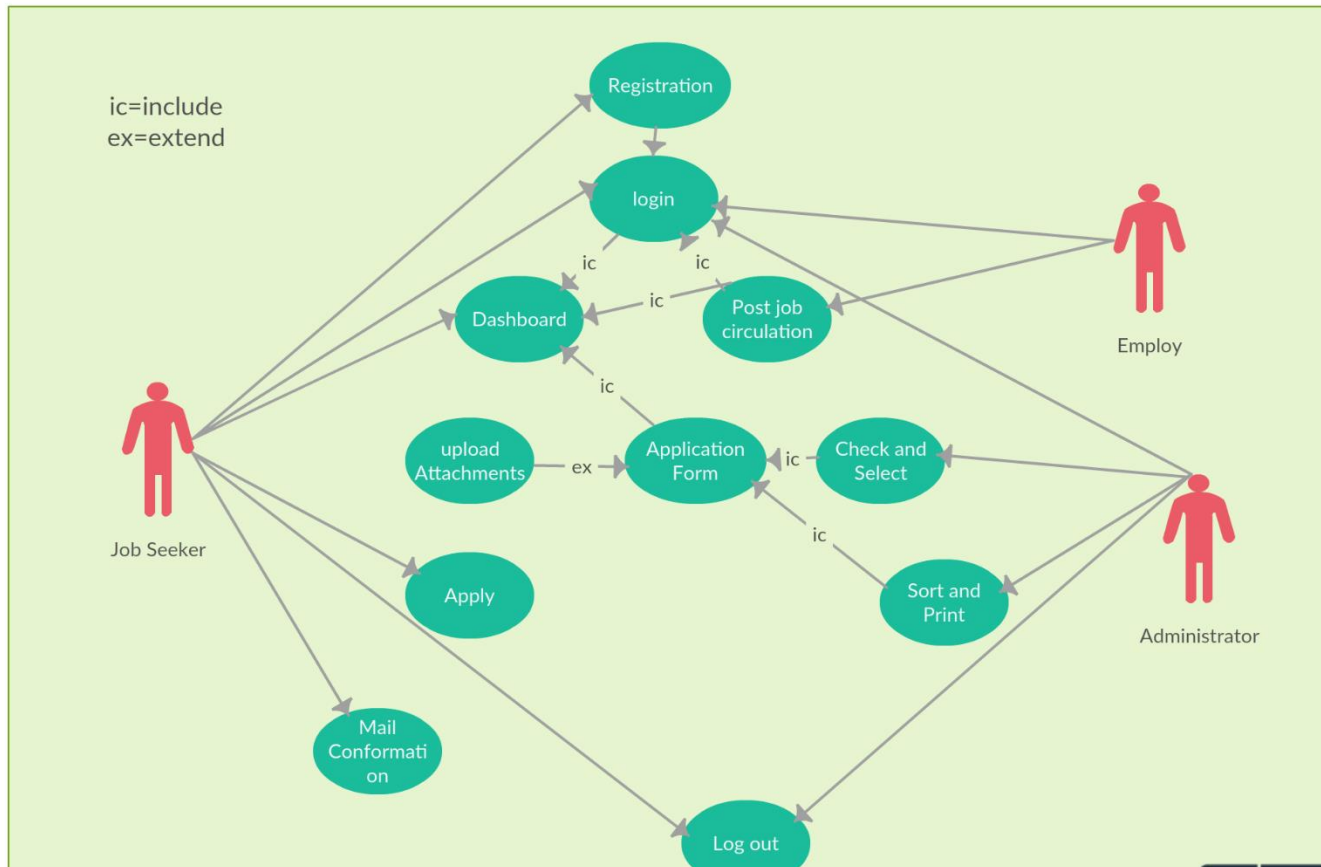
### **Database Security**

An unauthorized person cannot access the panel and database, and do not read and write the information.

### **Availability**

This “Job search application” will be available online 24/7 a week.

## USE CASE DIAGRAM:





## CLASS DIAGRM:

