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JOB PORTAL SYSTEM

Software Requirements Specification (SRS)
Project ASP. Net Integrated Bootcamp

Introduction

Job portals are sites where you can advertise jobs and search for resumes. They are an integral part of almost every hiring process and using them effectively will translate into qualified candidates for relatively low costs.

A job portal, also known as a Job Website, Job Board, or Employment Website, is a website that allows companies to promote jobs and help job seekers to find the most suitable job that matches their skills. The job portal plays an important role in every hiring procedure.

Using it efficiently helps recruiters find the most qualified candidate for their vacant job position at a low cost. JobPortal makes it easier for the unemployed to secure the most exciting opportunities. Read on how the job portal is useful for government agencies, nonprofit organisations, colleges & universities, private businesses, and coaching institutes.

Importance

- Promote the brand employees
- Reduces time and cost
- Easy candidate profile consolidation
- Gain a sense of visibility and effectiveness in the hiring process
- Help to know HR policies
- Marketing insight
- Easy job viewing and browsing

Purpose

The purpose of the **Software Requirements Specification (SRS)** document for the job portal system is to provide a comprehensive and detailed description of the requirements and specifications of the system. It serves as a communication bridge between the stakeholders, such as clients, developers, and testers, to ensure a clear understanding of what needs to be developed and delivered.

The SRS document outlines the functional and non-functional requirements of the job portal system. Functional requirements describe the specific features and functionalities that the system should possess, such as user registration, job posting, resume uploading, Search functionality, application tracking, and user management. These requirements define how the system should behave and what actions it should perform.

Scopes

The scope of a job portal refers to the range and extent of its services, features, and functionalities. Job portals are online platforms that connect job seekers with employers, facilitating the process of job searching and recruitment. These portals typically offer a wide range of services to both job seekers and employers, aiming to streamline the hiring process and provide a comprehensive platform for job-related activities.

Functionalities And Features

- ❖ **Job Search:** The primary functionality of a job portal system is to enable job seekers to search for relevant job opportunities.
- ❖ **Resume/CV Creation and Management:** Job portals often provide tools for creating and managing resumes or CVs.
- ❖ **Profile Creation:** Job seekers can create profiles on job portal systems to showcase their skills, qualifications, and work experience.
- ❖ **Job Application Company Profiles:** Job portals often include detailed profiles of companies that are hiring

- ❖ **Company Profiles:** Job portals often include detailed profiles of companies that are hiring.
- ❖ **Job Alerts and Notifications:** Job portal systems offer job alert features that notify users about new job postings matching their search criteria.
- ❖ **Networking and Social Features:** Some job portals incorporate social networking features to facilitate networking among job seekers and employers
- ❖ **Interview Scheduling:** Job portal systems may offer interview scheduling tools that allow employers to coordinate interview dates and times with shortlisted candidates.
- ❖ **Application Tracking System (ATS) Integration:** Many job portals integrate with Applicant Tracking Systems (ATS) used by employers to manage their recruitment processes.
- ❖ **Career Resources and Advice:** Job portals often provide resources and advice to help job seekers enhance their career prospects.
- ❖ **Salary Information:** Some job portals provide salary information for different job positions and industries.
- ❖ **Mobile Applications:** Many job portal systems offer mobile applications for iOS and Android devices.

Limitations

- ☐ **Limited Job Pool:** One of the primary limitations of job portals is the restricted job pool they offer.
- ☐ **Competition and Oversaturation:** Job portals attract a large number of job seekers due to their convenience and accessibility.
- ☐ **Lack of Personalization:** Job portals typically rely on algorithms and keyword matching to connect candidates with relevant job listings.

Types of user

1. **Job Seekers:** Job seekers are individuals who are actively looking for employment opportunities. They use the system to search for job openings, submit their resumes or CVs, and communicate with potential employers.
2. **Employers:** Employers are organisations or individuals who are looking to hire new employees. They use the system to post job openings, review applications, and communicate with job seekers.

3. Administrators: Administrators are responsible for managing and maintaining the system. They have access to administrative features that allow them to configure system settings, manage user accounts, monitor system performance, and generate reports.

Objectives

The objectives of a job portal are to provide a platform for job seekers and employers to connect, facilitate the recruitment process, and offer various services related to employment. Job portals have become an essential tool in today's digital age, revolutionising the way people search for jobs and companies find suitable candidates. These platforms aim to streamline the hiring process, making it more efficient and convenient for both job seekers and employers.

1. Connecting Job Seekers and Employers: One of the primary objectives of a job portal is to bring together job seekers and employers in a centralised platform

2. Facilitating the Recruitment Process: Job portals aim to streamline the recruitment process by offering various features and tools.

3. Providing Additional Services: Many job portals go beyond connecting job seekers with employers by offering additional services.

Functional Requirement

The admin module is an essential component of a software application that is designed to provide administrative functionalities and privileges to authorised users. It allows administrators to manage and control various aspects of the system, such as user management, content management, system configuration, and security settings. In this section, we will discuss the use cases, features, and user stories of the admin module in detail.

Use Cases:

- User Management
- Content Management
- System Configuration

- Security Management
- Reporting and Analytics

Features:

- User Interface
- Role-based Access Control
- Workflow Management
- Notifications and Alerts
- Data Management

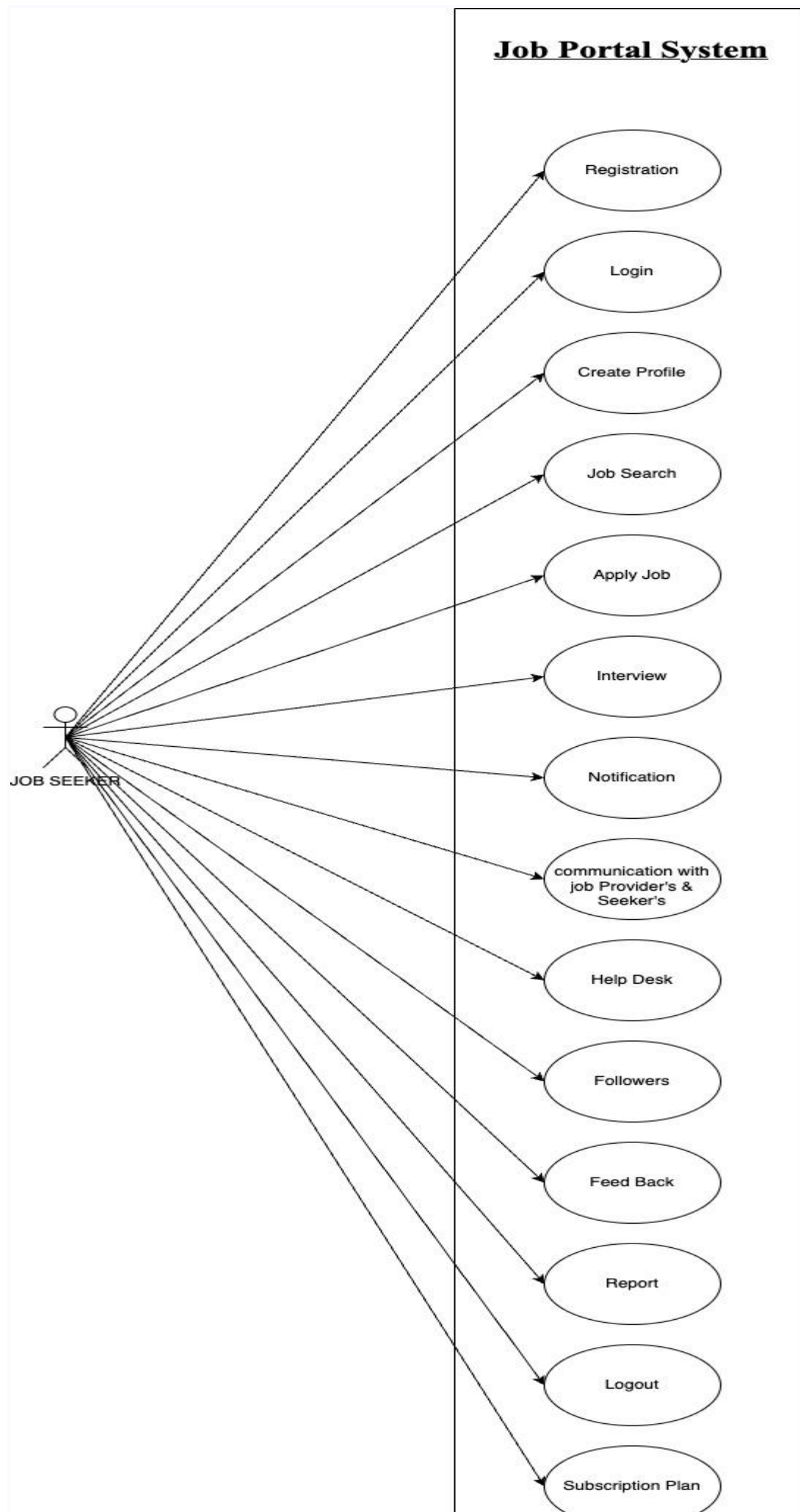
User Stories:

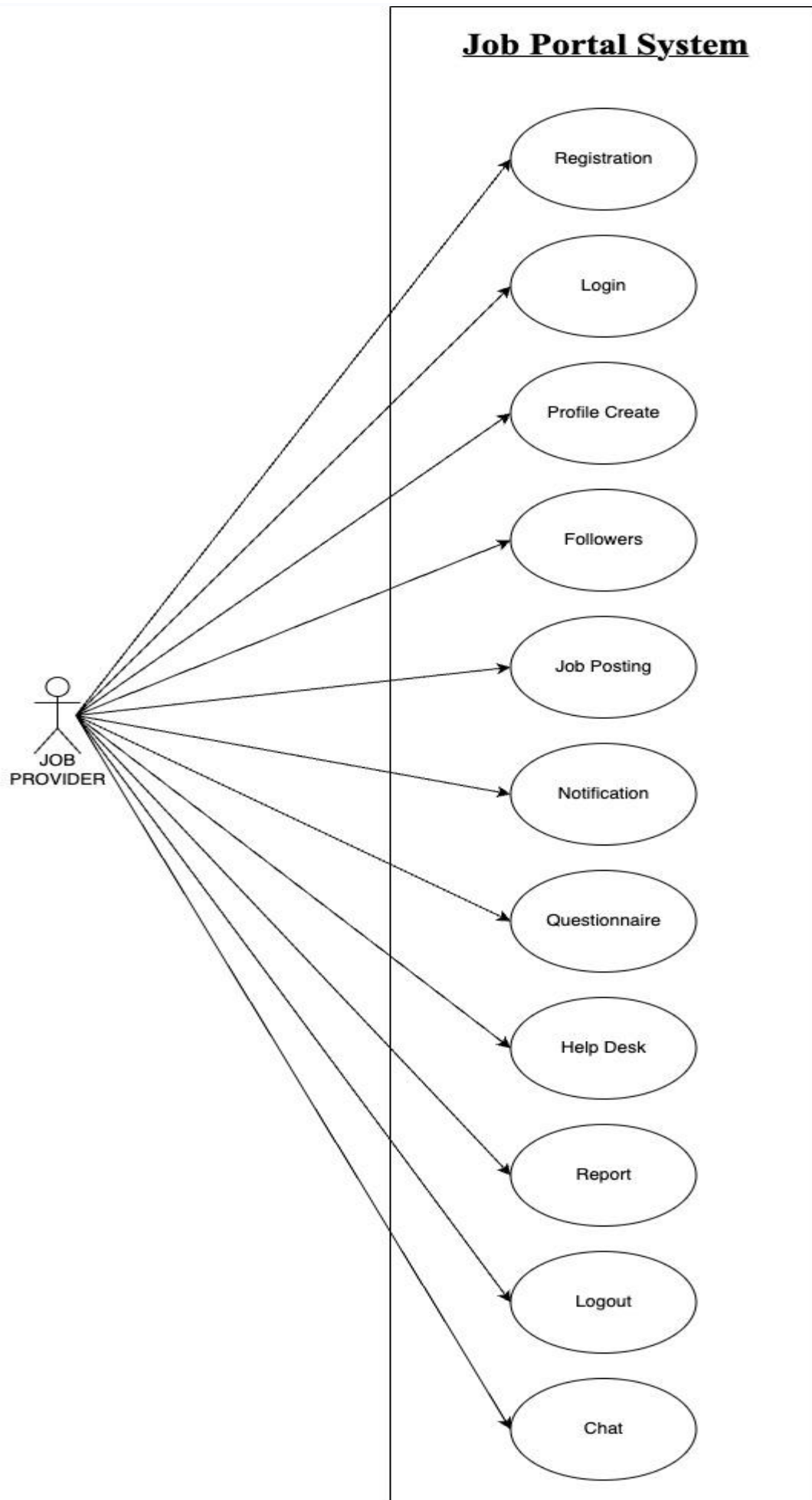
- As an administrator, I want to be able to create new user accounts and assign appropriate roles and permissions based on their responsibilities within the organisation.
- As an administrator, I want to have a centralised dashboard where I can monitor system performance, user activities, and generate reports for analysis and decision-making purposes
- As an administrator, I want to be able to customise the application's appearance by selecting themes, modifying templates, and arranging layouts according to our branding guidelines.

Primary actors of the system

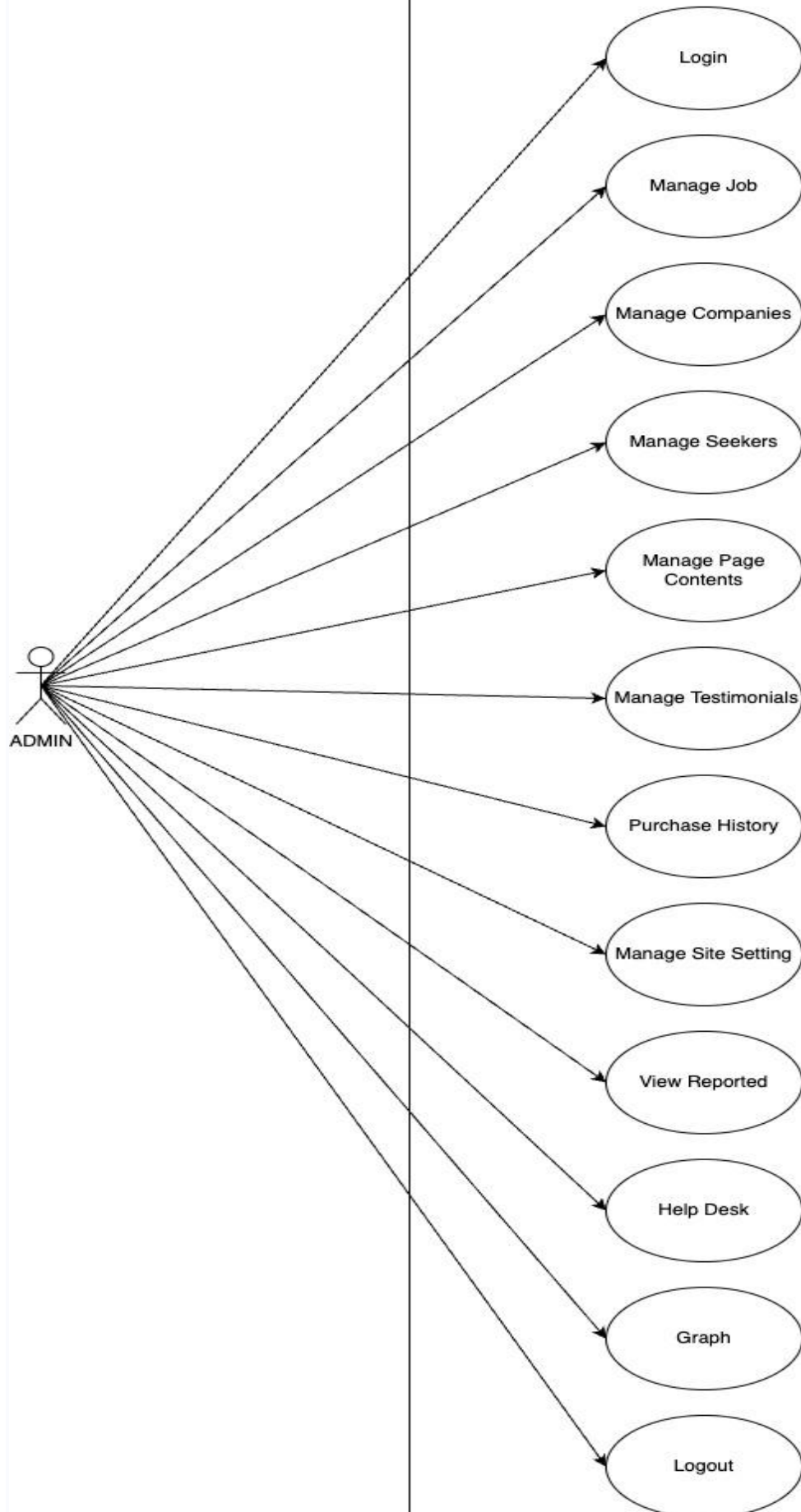
In a system, there are various actors who play different roles and interact with the system in different ways. These actors can be categorised into primary actors, such as users, administrators, and external systems

Use Case Diagrams





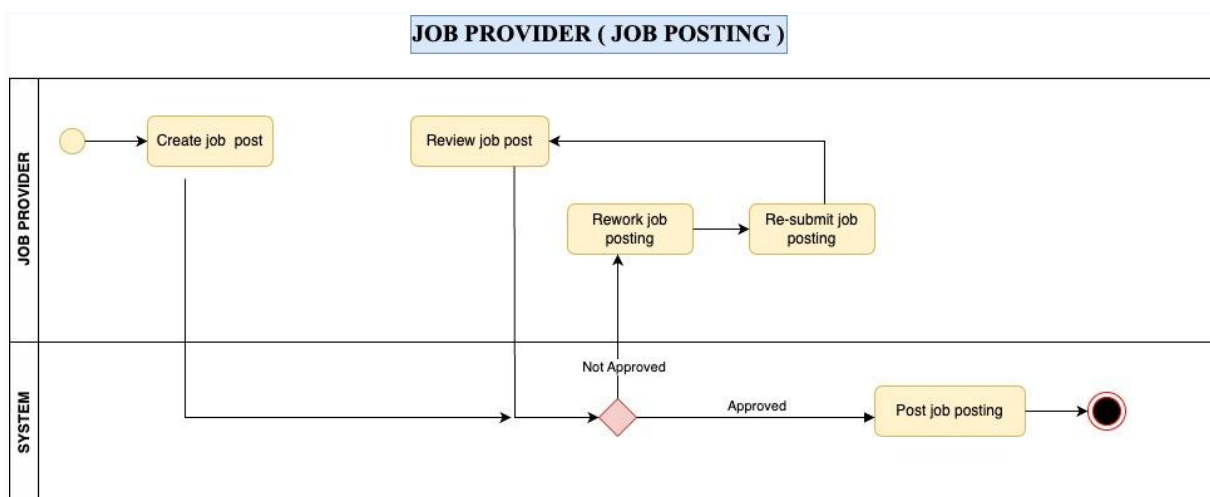
Job Portal System



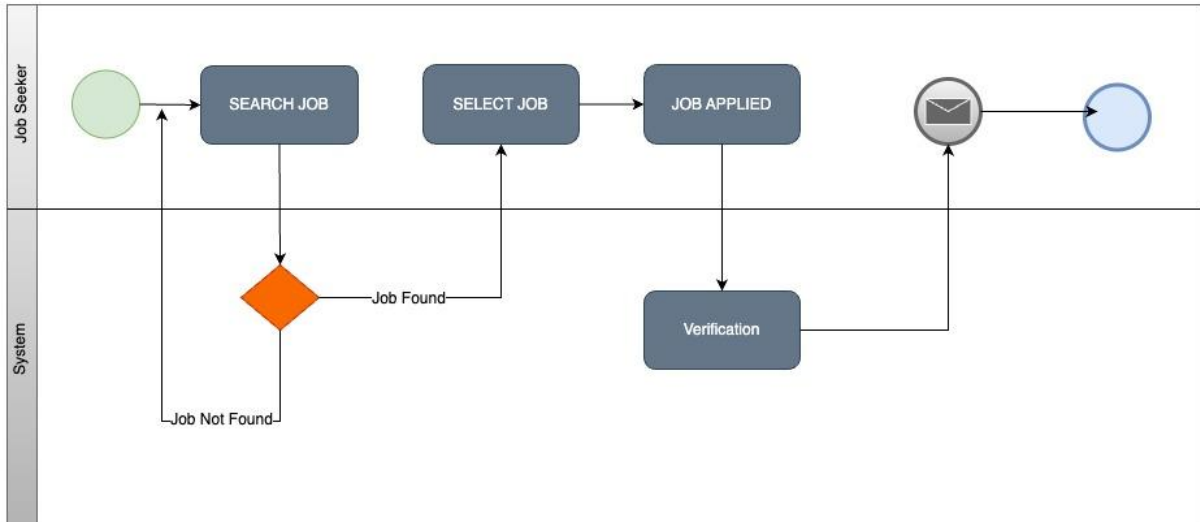
UserStories

As A [type of user]	I NEED TO [do some task]	SO THAT I CAN [get some result]
Job seeker	Login to the app as I registered	Enter my username & password to access my account
Job provider	Post a job on the job portal	Advertise job openings and attract employees
Platform Admin	Approve job providers before they can post job listings on the platform	Ensure the quality of job listings on the platform and prevent fake job posting

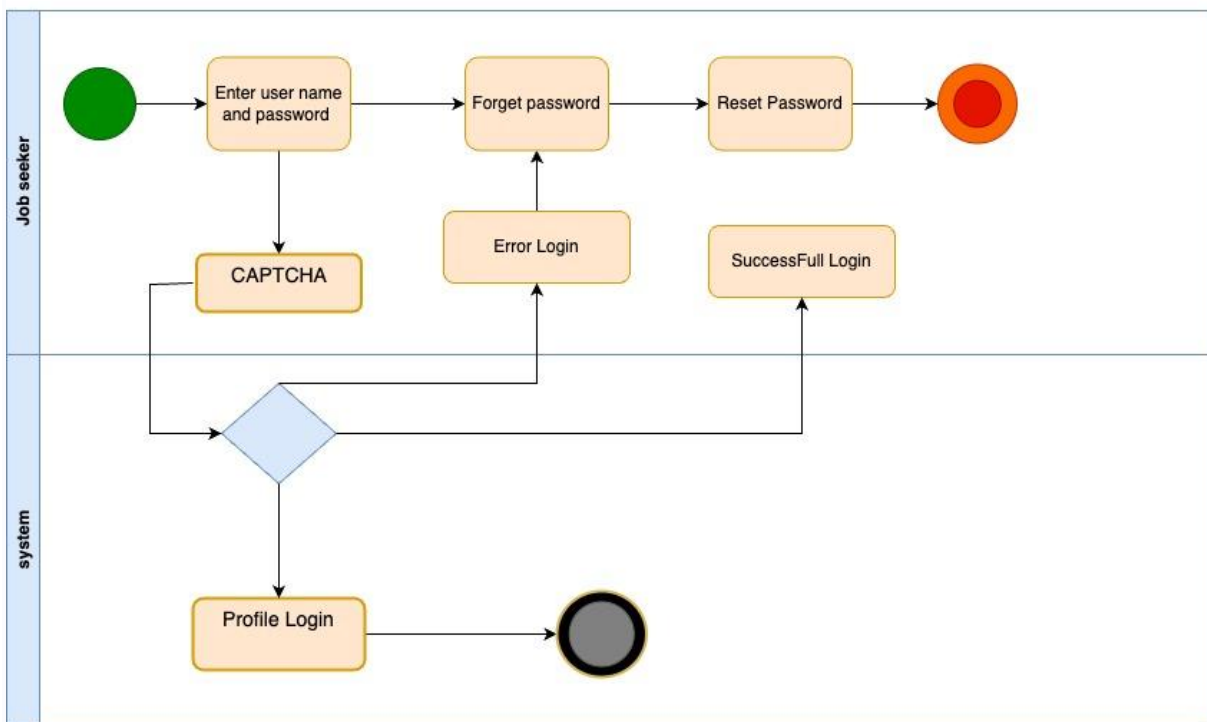
Business Process Diagram

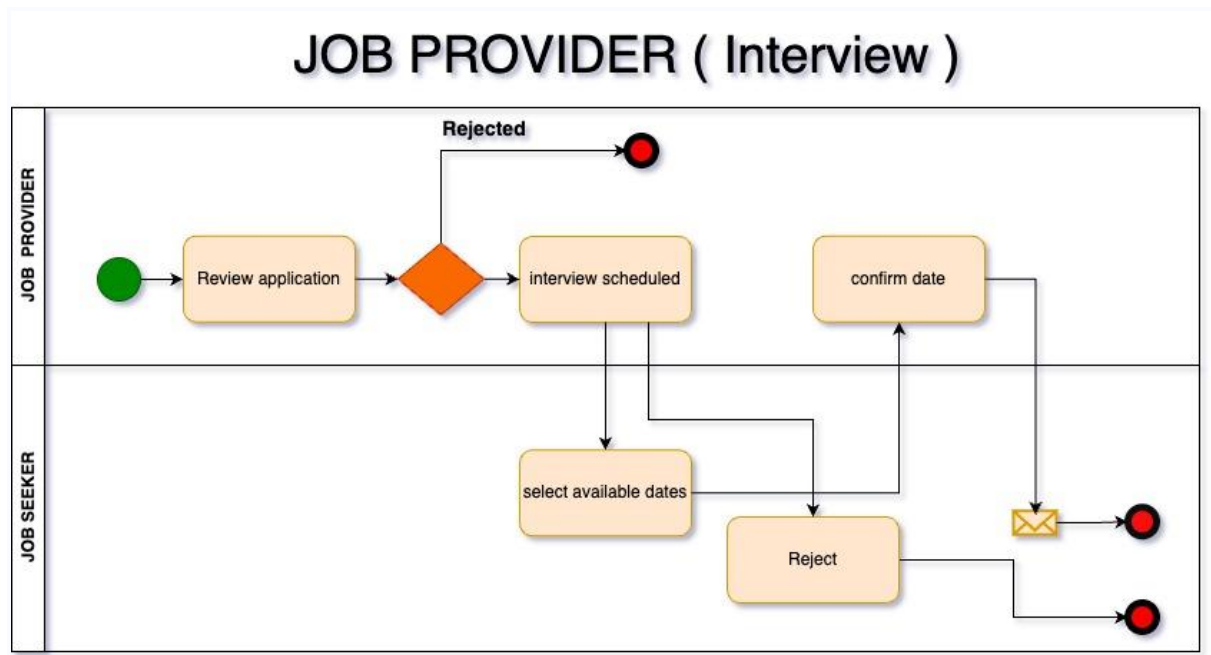


Job Seeker (Apply Job)



Job Seeker (Login)





Non-Functional Requirements

A job portal is a web-based platform that connects job seekers with employers. In addition to functional requirements, which define what the system should do, there are also non-functional requirements that specify how the system should perform. Non-functional requirements are crucial for ensuring the usability, performance, security, and overall quality of a job portal

important non-functional requirements for a job portal

- ★ Usability
- ★ Performance
- ★ Security
- ★ Reliability

Technical Requirements

HTML

CSS

BOOTSTRAP

JAVASCRIPT

HARDWARE

FIGMA

ASP.NET-RAZOR

ASP.NET-BLAZER

ASP.NET-BACKEND

Conclusion

Overall, the conclusion section of an SRS should provide a concise summary of the entire document while emphasising the importance of meeting the specified requirements for successful software development.