

SRS for Job Search Application

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1. Introduction

Viewing available jobs, or applying for the job at the agency is currently done manually where in the job seekers has to go to the agency and check the available jobs at the agency. Job seekers check the list of jobs available and apply the job if the job is not available otherwise it is of waste for the job seeker to come to the agency to come to check for the job if the job seeker doesn't get the job. Then the agency will show available jobs for the job seeker for his qualifications and the then updates the jobs database. This takes at least one to two hours if the job seeker is available at the near by place otherwise it may take more time.

1.1 Scope

The Software Requirements Specification captures all the requirements in a single document. The *Online job Portal System* that is to be developed provides the members with jobs information, online applying for jobs and many other facilities. The Online Job Portal System is supposed to have the following features.

- *Main Page*

Search jobs, browse jobs by country, by category or by agency. Latest jobs listed on the front page.

- *Job Seeker's Area*

Jobs seekers can sign-up and submit their resume or manage their Job Alerts. Job seekers can manage other things associated with their account.

- *Agency's Area*

Agencies can sign-up and browse job seeker's resumes, manage their advertisements (job postings) or manage their

Resume Alerts. Additionally, job seekers can submit their profile and manage other things associated with their account.

- *Administration Panel*

The job board is highly configurable and there are many possibilities for running the job board. The administration panel consists of a set of web pages where you can:

- ✓ Approve / Disapprove / Edit / Delete job postings.
- ✓ Approve / Disapprove / Edit accounts with the click of a button.
- ✓ View / Edit / Delete resumes.
- ✓ View/Edit/Delete Emails.

The features that are described in this document are used in the future phases of the software development cycle. The features described here meet the needs of all the users. The success criteria for the system are based in the level up to which the features described in this document are implemented in the system.

2. OVERALL DESCRIPTION

2.1 PRODUCT PRESPECT

This will be a Mobile Application to be used by unemployed individuals, employers, and Job Source team. This application will be designed to minimize unemployment and will provide platform to general and corporate users, to search jobs/talents, view/post jobs, and arrange/attend training programs.

2.2 SOFTWARE REQUIREMENT

Technologies to be used:

1. Technologies: Android (Java)
2. IDE: Android Studio
3. Database: SQLite

Other Requirements:

1. Operating System: Windows, Linux
2. Browsers: Edge, Chrome, Mozilla Firefox

2.3 HARDWARE REQUIREMENT

1. Intel Core i3 Processor or higher
2. 8 GB RAM or above
3. Color SVGA
4. 120 GB Hard Disk space
5. Android Supported Smart Phone

2.4.1 FUNCTIONAL REQUIREMENT

•Home Page:It will display general purpose information pages through menus such as About Us, Contact Us, Career tools, and Spotlight along with Job Seeker and Employer Login and Registration Options

•Register:It will allow both Job Seeker and Employer to get registered with Job Source. At the time of registration, users' need to provide Name, Email ID, Contact Number, Username, and Password. Along, with the mentioned details an employer needs to provide valid Company Address, Phone Number, Number of Employees, Type of Organization, Status details (active or inactive), and existing EIN (Employer Identification Number). Appropriate error-checking must be done on the fields of the form to ensure correct data. For example, email id can be checked to see if it is of appropriate format.

•Login:It will allow successfully registered users to get logged into the Job Source application and access various features of system through menus or other options such as Notification,Account Setting (Create, Update, and Delete Profile), and other specific options according to user type. A profile can include detailed information about the user. For example, a job seeker can include educational qualifications, past work experience (if any), and so on, in his/her profile.

•Notification: These are notifications regarding any new job posts for job seekers and number of applicants who have applied to a particular job post for employers.

For example, a sample notification can look like this:

Job Seeker:

a. Job Recommendation: 42

b. Recruiter Messages: 342

Employer:New Job application for iOS Developer: 43

•Accounts Setting: Both type of users, Job Seeker and Employer,will be able to manage their accounts by using options such as Create, Update, and Delete Profile.

•Search: Using this option, employers as well as job seekers will be able to complete their search regarding searching new talent or job posts respectively.

•View Job Details: It will allow job seeker to view details of job searched. It will display Job Title, Category, and Details.

•View Application Details:It will allow employers to view details of job application submitted by job seekers and based on that they can take further necessary actions. It will display Name, Email ID,Contact, Experience, and Skills.

- Apply For Job:**It will allow a job seeker to apply for desired job.His/her details will be sent to the employer for further necessary action.

- View List of Companies:** This page will allow job seekers to view associated list of companies with Job Source.

- Applied Jobs:**It will allow users to back track their previously applied jobs and view job application history.

- Events Nearby:**It will allow users to view details of events happening nearby. It will display event categories such as Workshop, Training, Walk-in drives for jobs, and Campus drives along with their locations and other details.

- Training Program:**It will display list of upcoming training programs organized by corporates. It will display Title, Category such as Online and Classroom, and other details.

- Post Job:**It will allow employers to post new jobs. It will contain details such as Title, Experience, Salary Offered, Skills, Job Role, and Other Details.

- Create Event:**It allow employers to post details of various upcoming events. It will contain event categories such as Workshop, Training, Walk-in drives for jobs, and Campus drives along with their locations and other details.

- Organize Training:**It allow employers to post details of upcoming training programs organized by them. It will contain Title, Category such as Online and Classroom, and other details.

- Logout: This feature will allow logged-in users to log out of the system.

On the other hand, Job Source team login has functionality as follows:

- Employer Request: It will allow Job Source to see date-wise registered Employer validation requests in terms of Sr.No. and other company details along with Validate and Reject options. Job Source will validate or invalidate the Employers by selecting either of the two options based on valid company details including EIN.

- View Job Seeker: This feature will allow Job Source team to view registered job seekers. It will display date-wise list of job seekers in the form of multiple rows containing Name, Email, Contact, and so on.

- View Employer: It will display a list of successfully registered and validated employers. The list will include Name, EIN , Address, Phone number, and Other Company details.

- Generate Reports: Job Source will be able to generate and display reports such as year-wise reports for jobs created and training programs organized in the city.

2.4.2 Non Functional Requirements

Safe to use: The system should not result in any malicious downloads or unnecessary file downloads.

Accessible: The system should have clear and legible fonts, user-interface elements, and navigation elements.

User-friendly: The system should be easy to navigate with clear menus and other elements and easy to understand.

Operability: The system should operate in a reliably efficient manner.

Performance: The system should demonstrate high value of performance through speed and throughput. In simple terms, the system should be fast to load and page redirection should be smooth.

Security: The system should implement adequate security measures such as authentication. For example, only registered users can access certain features.

Capacity: The system should support large number of users.

Availability: The system should be available 24/7 with minimum downtime.

Compatibility: The system should be compatible with latest browsers

3. USER CHARACTERSTICS

The stake holders of this system are the job applicants, the recruiters and the admin who maintain the system.

The applicants and the recruiters are assumed to have basic knowledge of the computers and Internet browsing.

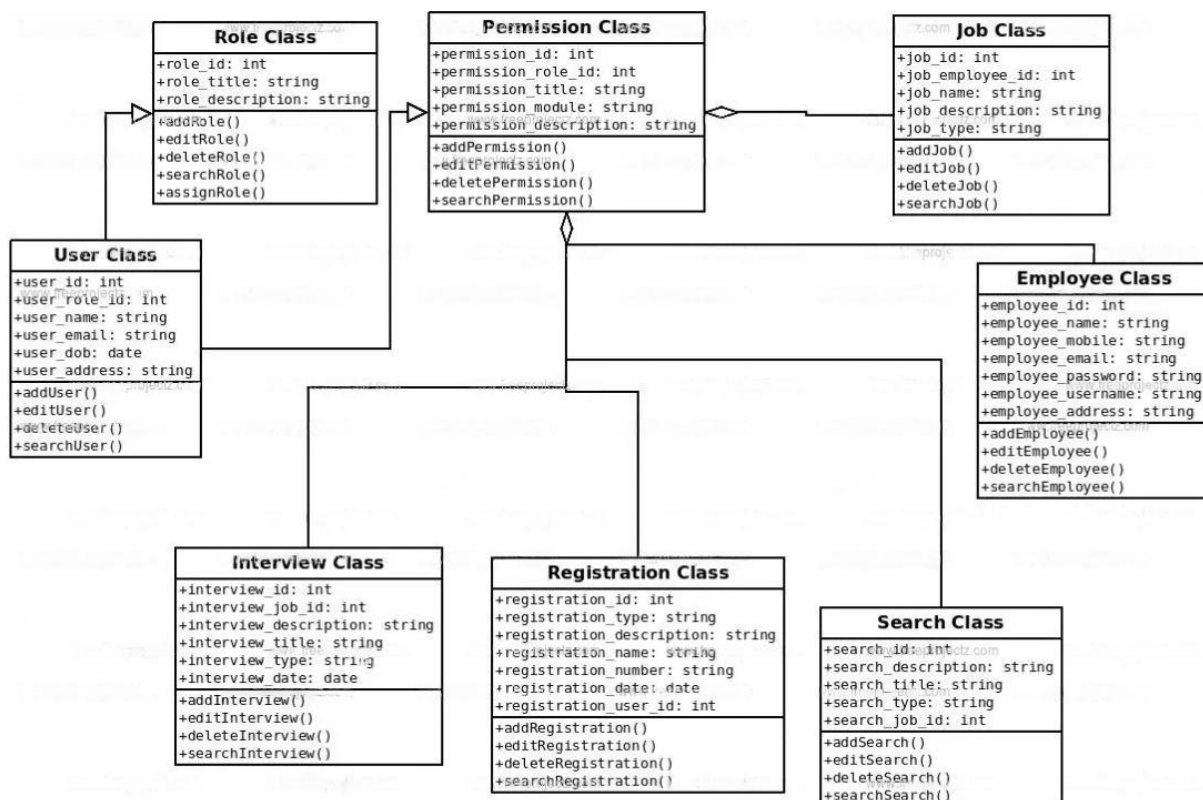
The admin of the system should have more knowledge of the internal structures of the system and should able to rectify the small problems that may arise due to conditions like disk crashes, power failures and other defects in order to maintain the functionalities of the system. The proper user interface, user's

manual, online help and the guide to install and maintain the system must contain sufficient information to educate the users on how to use the system without any issues. The job applicants should be able to search for job vacancies, follow the recruiting companies and interact with the job recruiters regarding the availability of vacant positions.

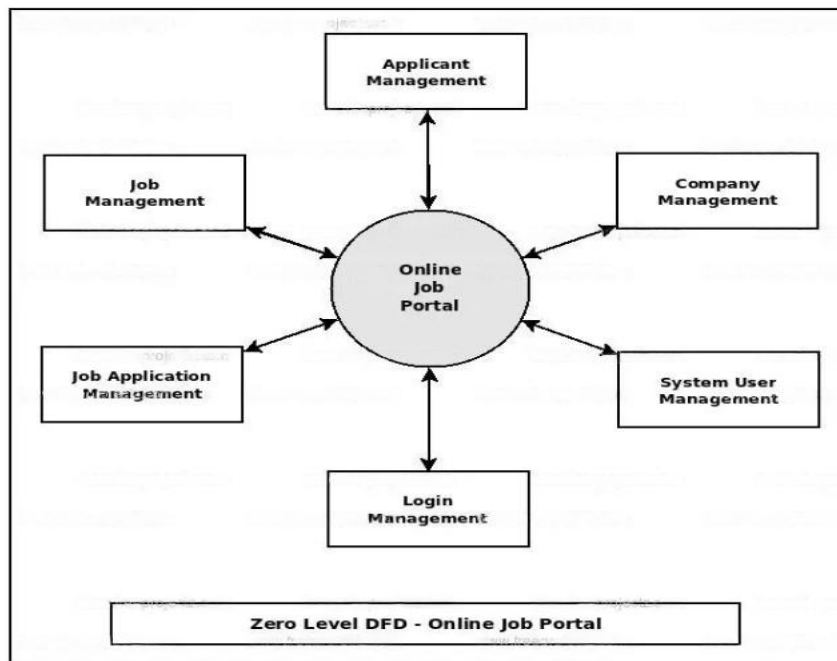
The recruiters must be able to shortlist the qualified applicants, interact with them and recruit them for the available positions.

4. DIAGRAM

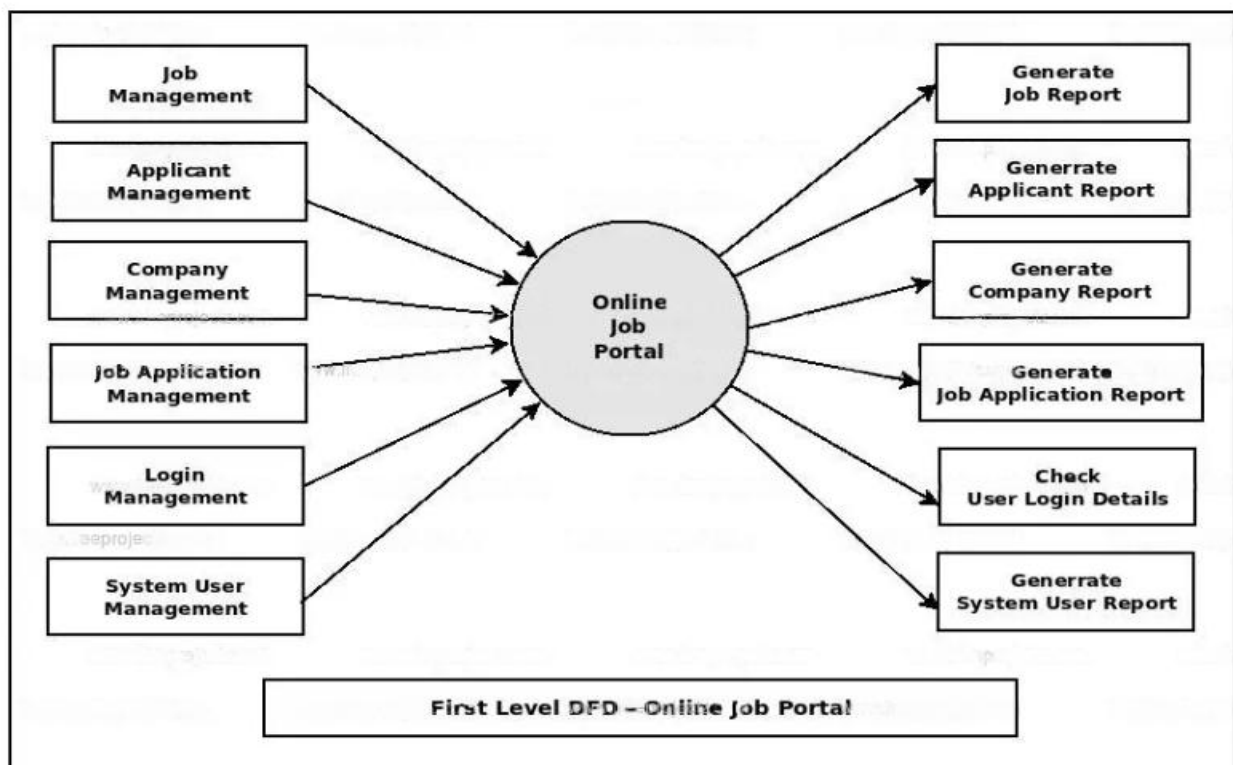
CLASS DIAGRAM:



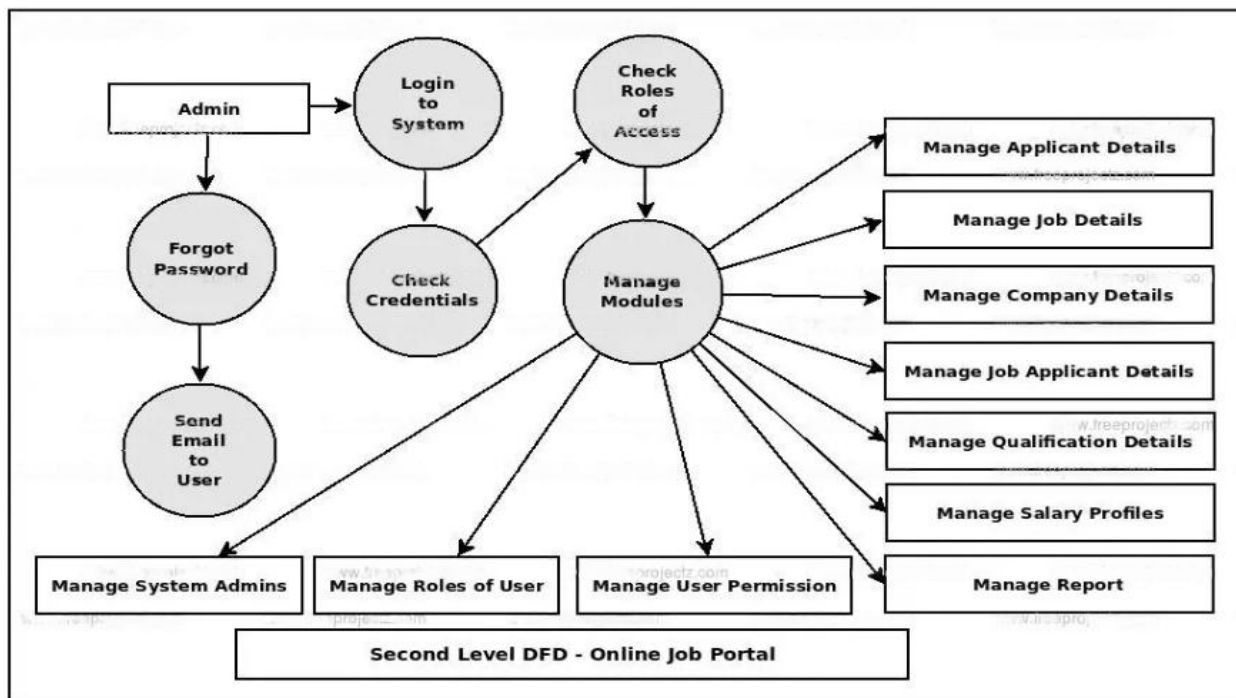
DFD-ZERO LEVEL:



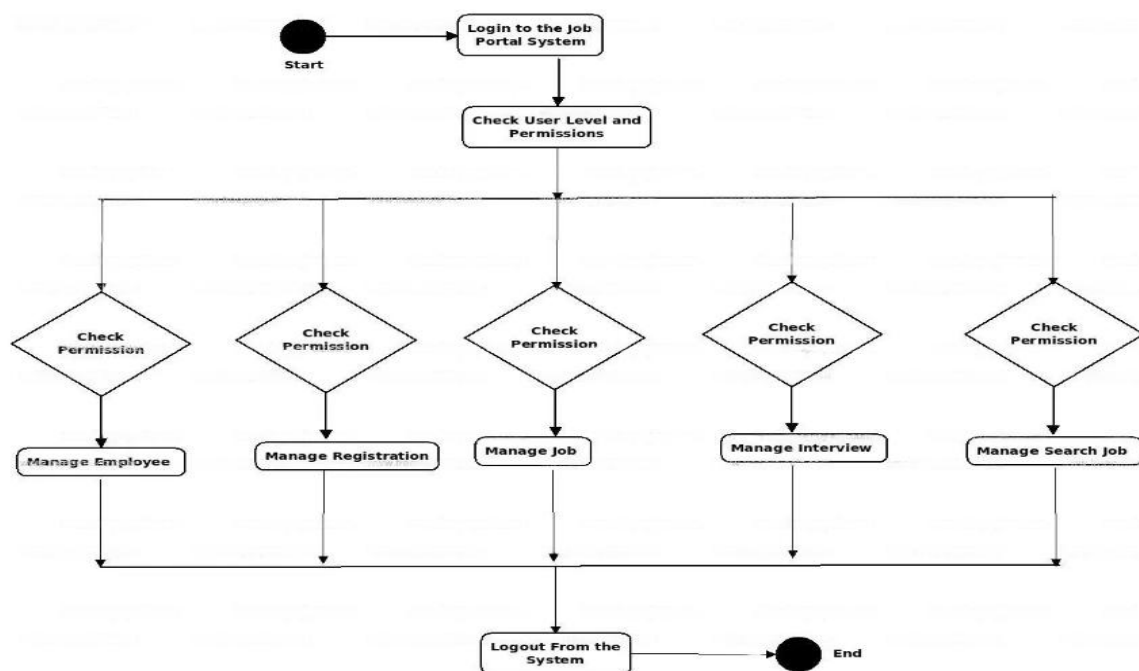
DFD-FIRST LEVEL:



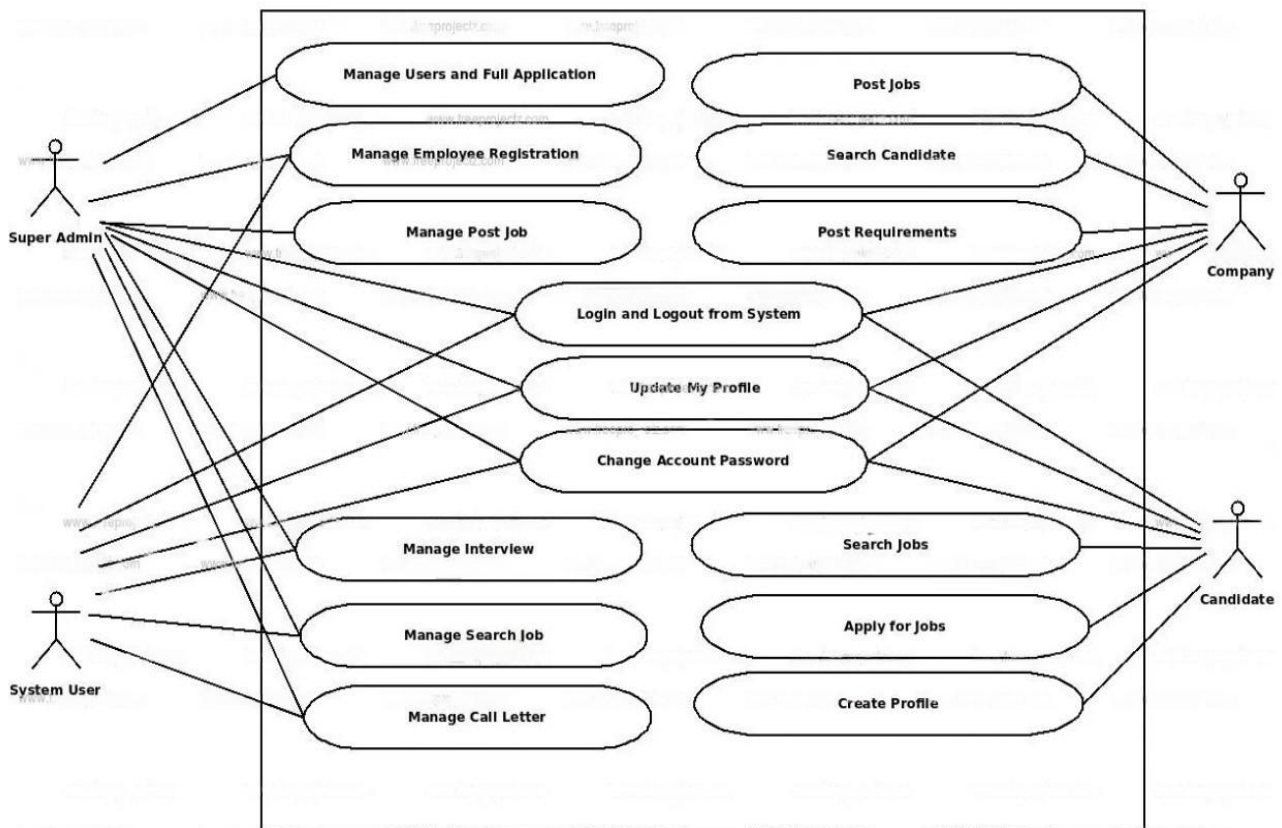
DFD-SECOND LEVEL:



ACTIVITY DIAGRAM:



USECASE DIAGRAM:



SEQUENCE DIAGRAM:

