

SRS For Job Search Applications
Panimalar Institute of Technology

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Introduction

The introduction of the Software Requirements Specification (SRS) provides An overview of the entire SRS purpose ,scope, definitions, acronyms, abbreviations, references And overview of SRS.A Software Requirements Specification (SRS) – a requirements Specification for a software system – is a complete description of the behaviour of a system to Be developed. It includes a set of use cases that describe all the interactions the users will have With the software. Use cases are also known as functional requirements. In addition to use Cases, the SRS also contains non-functional (or supplementary) requirements. Non-functional Requirements are requirements which impose constraints on the design or implementation (such as performance engineering requirements, quality standards, or design constraints). The Aim of this document is to gather

and analyse and give an in-depth insight of the complete Marvel Electronics and Home Entertainment software system by defining the problem Statement in detail.

1. This is a documentation of the project job searching portal done. Now a day, we know that searching of jobs is so difficult in proficient areas the portal developed
2. For the providing the simple and good job searching. With the help of this portal easily the job Seeker can submit their resume and get the lot of opportunity of the job related to their profile. And By this website the companies or employer can also find the good and well profiled resume

1.2 Objective

The online job Portal System that is to be developed provides the members with jobs information, Online applying for jobs and many other facilities. This system provides service to the job Applicants to search for working opportunities.

Job Portal will allow job provider to establish one to one relationships with candidates. This Portal Will primarily focus on the posting and management of job vacancies. This system is designed Such that ultimately all vacancies will be posted online and would offer employers the facilities to Post their vacancies online. It helps to review and manage the resulting applications efficiently Through the web. Employer can also find the resume according to key skill in very less amount of Time.

1.3 Scope

As of Indian market, there is ample opportunities for the job portal sites, as more and more number Of educated and skilled young people are coming out each and every year. Also, as the growth rate Of India is zooming to be at a healthy rate over 7%, so it is boom time for corporate also. So, more And more number of lucrative careers will be available for the job seekers. So, it is now the right

Period for the job portal sites to think out of the box, and to make most of the opportunities available.

1.4 Project Modules

- **Registration**
- **Search**
- **Job post**
- **Manage account**

1.4.1 Registration

Employee or Employer can register with valid details like contact details,experience details, profile details.

1.4.2 Search

Employee Can Search job according to their interest. And also apply for that job.

Employer search candidates for their requirements using keyword. Employer also can communicate with employee for their any other query or information via send message.

1.4.3 Job Post

Employer post job for their organization. And include job vacancy, salary details, working hours, designation details, experienced details.

1.4.4 Manage Account

Employee can also delete his/her account anytime.

Admin Can Manage Employee and Employer Details. Admin observed Users Action like job posting, candidate details false or not.

1.5 Project Requirements

1.5.1 Hardware

The system requires the following hardware:

- RAM: 1 GB (further increase that as per requirement.)
- Hard Disk: 80 GB (further increase that as per requirement.)
- Display: 1024 * 768, True Type Color-32 Bit
- Mouse: Any Normal Mouse.
- Keyboard: Any window Supported Keyboard.

1.5.2 Software

- Database Server : Microsoft SQL Server
- Web Server : Internet Information Server
- Technologies : HTML,CSS,ASP.NET,JavaScript,JQuery

2.1 OVERALL DESCRIPTION

Job Procurement: Old and New Ways Job seeking usually involves different ways to look for jobs Such as through personal contacts, direct telephone calls to employers, job agency office,

scanning Online job listings, etc. Before the Internet, became widely uses as a method of seeking jobs, Jobseekers spent a lots of time using various methods to look for job openings. Today, jobseekers Use online methods which are very convenient and save a lot of time. Galanaki lists the following

- 1. Methods to be the traditional (old) ways for recruitment:**
- 2. Employment recruitment agencies**
- 3. Job fairs**
- 4. Advertising in the mass media such as newspapers**
- 5. Management Consultants**
- 6. Advertisement in television and radio**
- 7. Existing employee contacts**
- 8. Schools colleges or universities students services department**
- 9. Workers or professional referrals**

These old job seeking methods are too slow, stressful, challenging and also lack quality. In Addition, the applicants have to consider the cost and the amount of time to get the information They need, and other preparations they have to make. Finding all available job vacancies is a main Step at in the job-seeking process. The Internet is now a powerful tool that jobseekers can use. Today, there are many sites that advertise job positions to be filled by people with certain skills in Various fields. The Internet plays an important role in the area of human resource planning and Development. Most planning and development organizations are now using computer technology And the Internet for staff recruitment. It should be noted that although the Internet has facilitated The process of job-seeking, it has not replaced the traditional methods, completely.

2.2 Functional requirements

2.2.1 Technical Feasibility

Technical feasibility study is concerned with specifying equipment and software that will Successfully satisfy the user requirement; the technical needs of the system may vary considerably. The facility to produce outputs in a given time. Our project is a web based application which is Based on client-server based application. In this application every page as output is render from Server to client so it is necessary that the page should be rendered in time. For this I have avoided More and more code in the page- load event.

2.2.2 Economical Feasibility

Economical feasibility is the measure to determine the cost and benefit of the proposed system. A Project is economical feasible which is under the estimated cost for its development. These benefits And costs may be tangible or intangible. Job Portal is the cost-effective project in which there is Less possibility of intangible cost so there is no difficulty to determine the cost of the project.

2.2.3 Operational Feasibility

Operation feasibility is used to check whether the project is operationally feasible or not. Our Project is mainly different from the other system because of its web-support feature. So the Measure for operational feasibility is something different from other system. Generally the Operational feasibility is related to organization aspects. The change determination is as such that early product were either a man or group of men or the Jobs based manual but now a day with the advent of Internet technology.

2.5 Detailed Module Description with all Functionalities

2.5.1 Registration

In the registration module job seeker have to include all the details like personal details, contact Details, education details like school , graduation, post-graduation, course certification details etc. Also job seeker has to add his experience details, job requirements and uploading resume and Photo. While job recruiter has to add his contact details and organization details for the registration and Upload company logo and profile.

2.5.2 Job Post

Employer can post a job by providing all the job details like qualifications details, requirements For the job, designation details, job salary details and also provide type of jobs. They also can Delete the jobs whenever they want. After successfully posted a job it will be available for all the Job seekers who are searching for a job. And it will be available on home page as recently posted Job.

2.5.3 Search

Employee Can Search job according to their interest. And also apply for that job or they can add Into wishlist for future whenever they find for job for that company then they easily find out Company from wishlist. Employer search candidates for their requirements using keyword like technology. And also can

Communicate with employee for their any other query or information via send message .and also Employer see the resume of applicants.

2.5.4 Manage Account

While employers can manage their job postings. And providing all the job details like Qualifications details, requirements for the job, designation details, job salary details and also Provide type of jobs. They also can delete the jobs whenever they want. While employee can manage their wishlist, applied for job and also getting full details of employer. Employees can delete their account anytime. Also they can apply for the different jobs according To their interests.

7. DIAGRAM

CASE DIAGRAM

Use Case

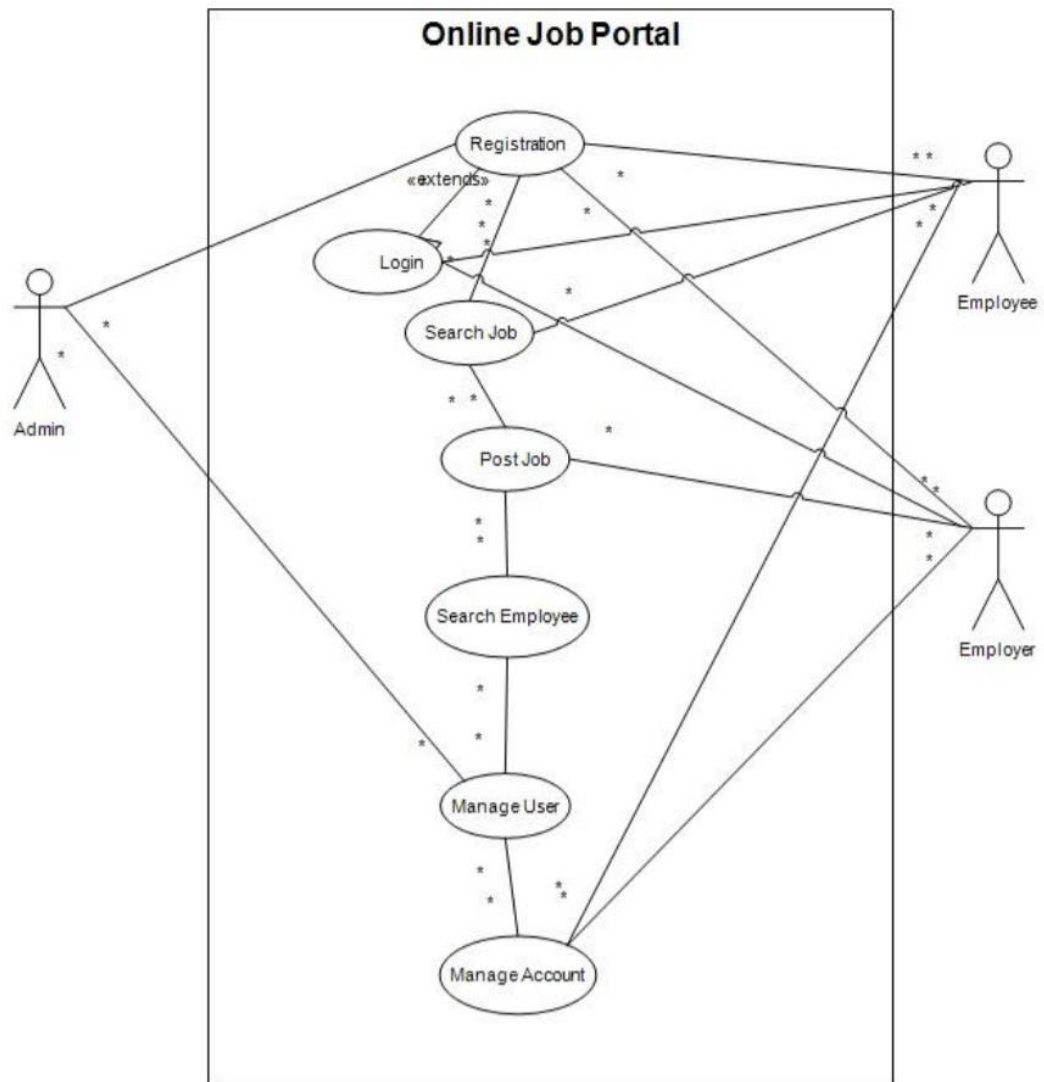


Figure 2- Usecase Diagram

3.3 Class Diagram

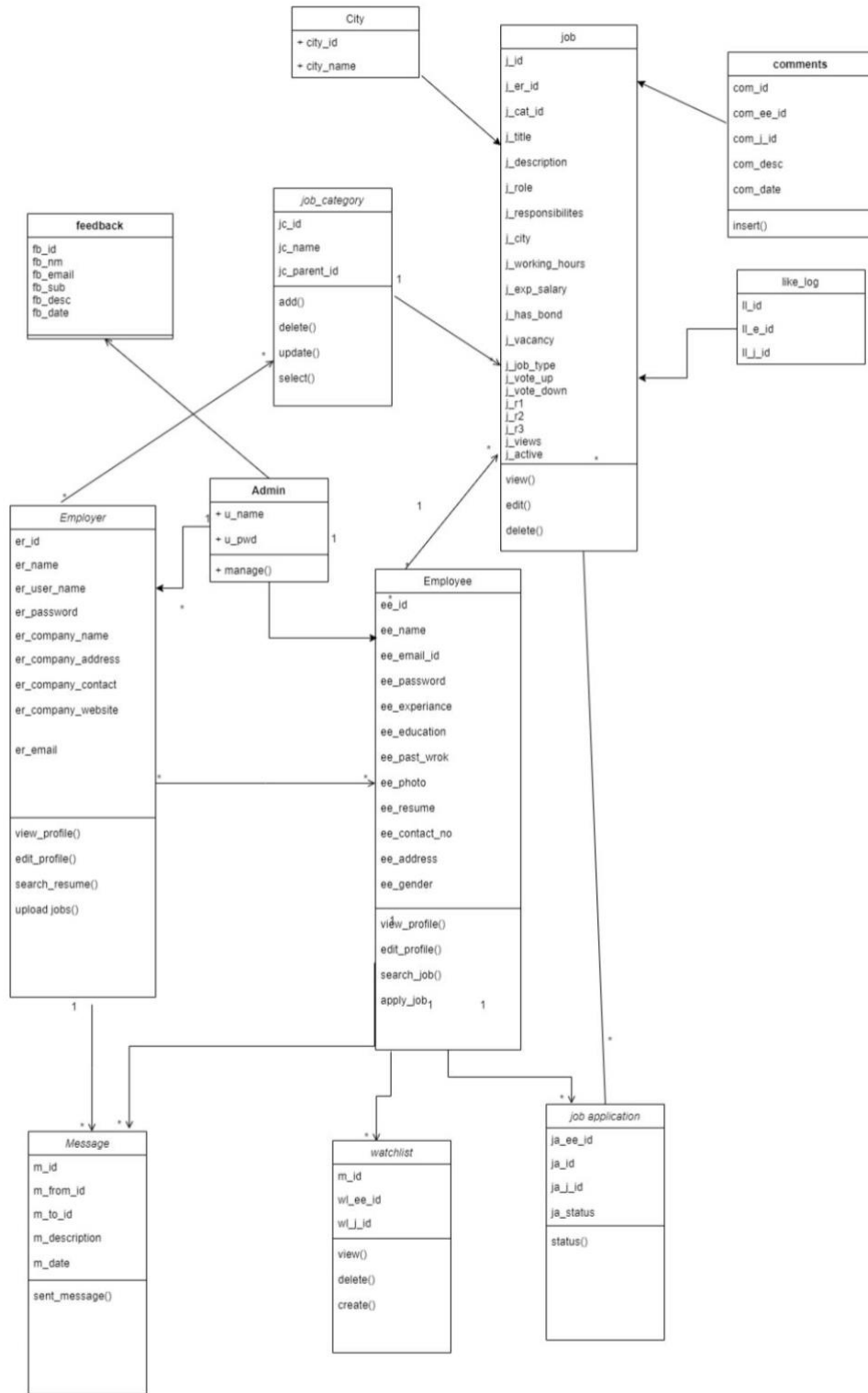


Figure 6- Class Diagram

CLASS DIAGRAM

Sequence Diagrams:

SEQUENCE DIAGRAMS

Sequence Diagrams Represent the objects participating the interaction horizontally and time vertically.

Admin Login

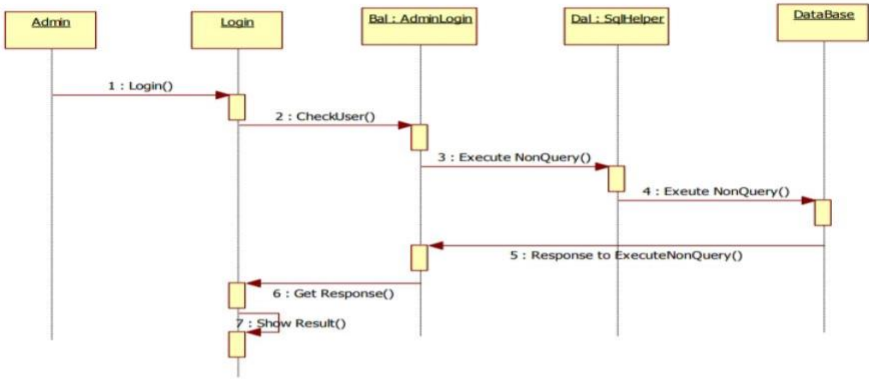
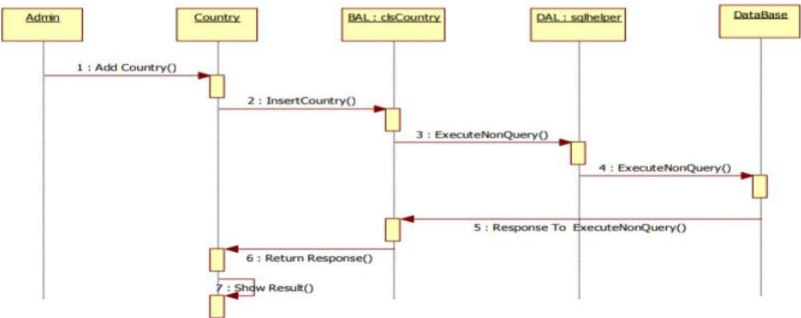


Fig 14

Admin Add Country Sequence Diagram



Admin Add State Sequence Diagram

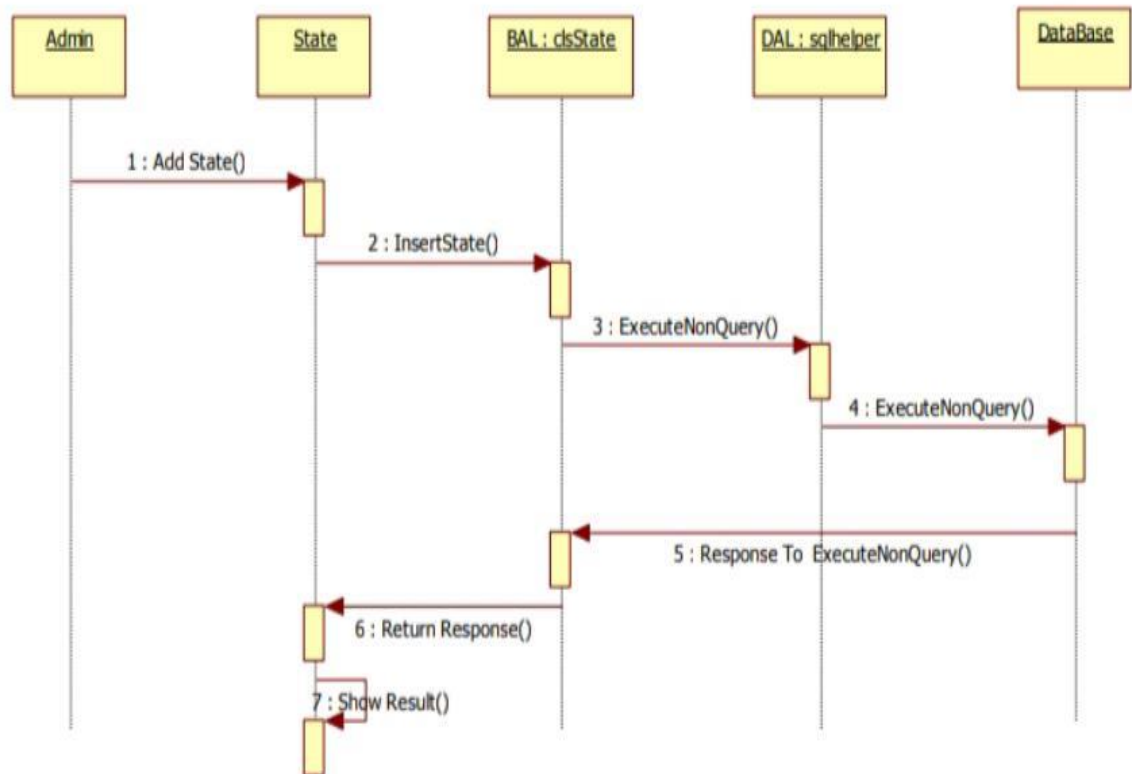


Fig 16

Jobseeker Update Profile Sequence Diagram

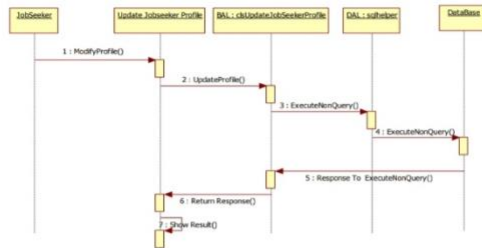


Fig 18

JobRecruiter Update Profile Sequence Diagram

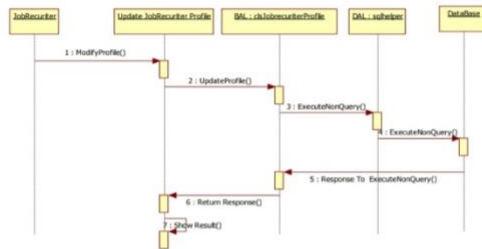


Fig 19

Registration Sequence Diagram

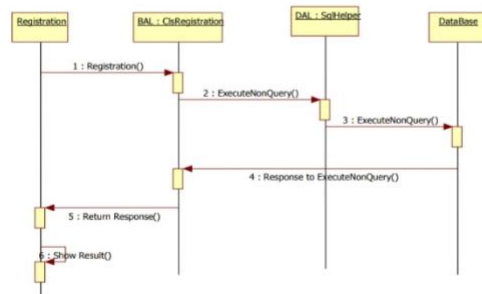
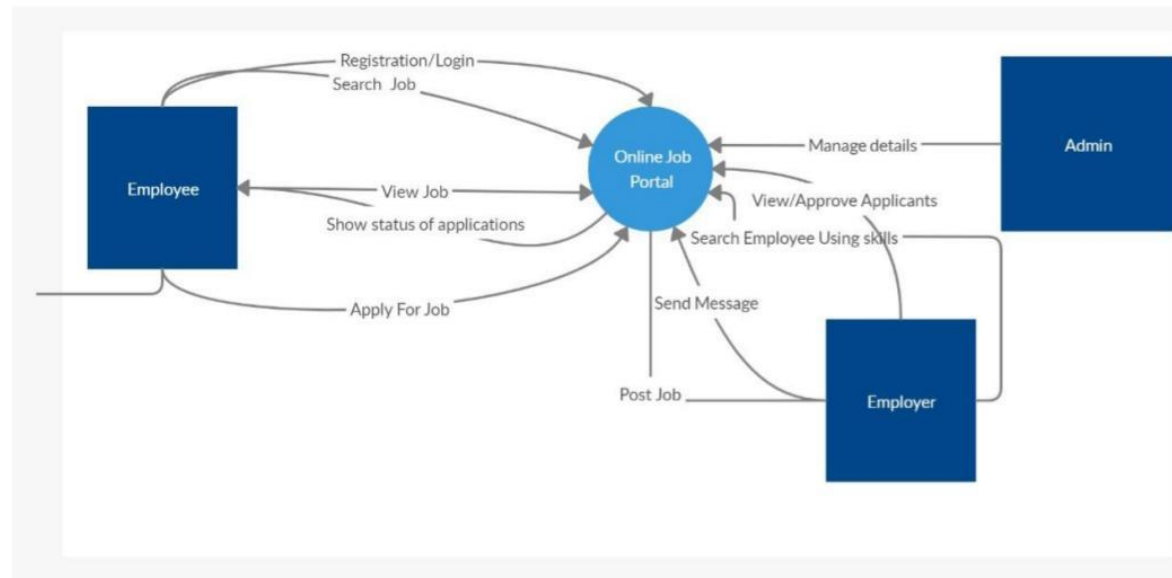


Fig 20

3.2 Data Flow Diagrams

3.2.1 Context-Level (Level 0) DFD



3.2.2 Level 2 DFD

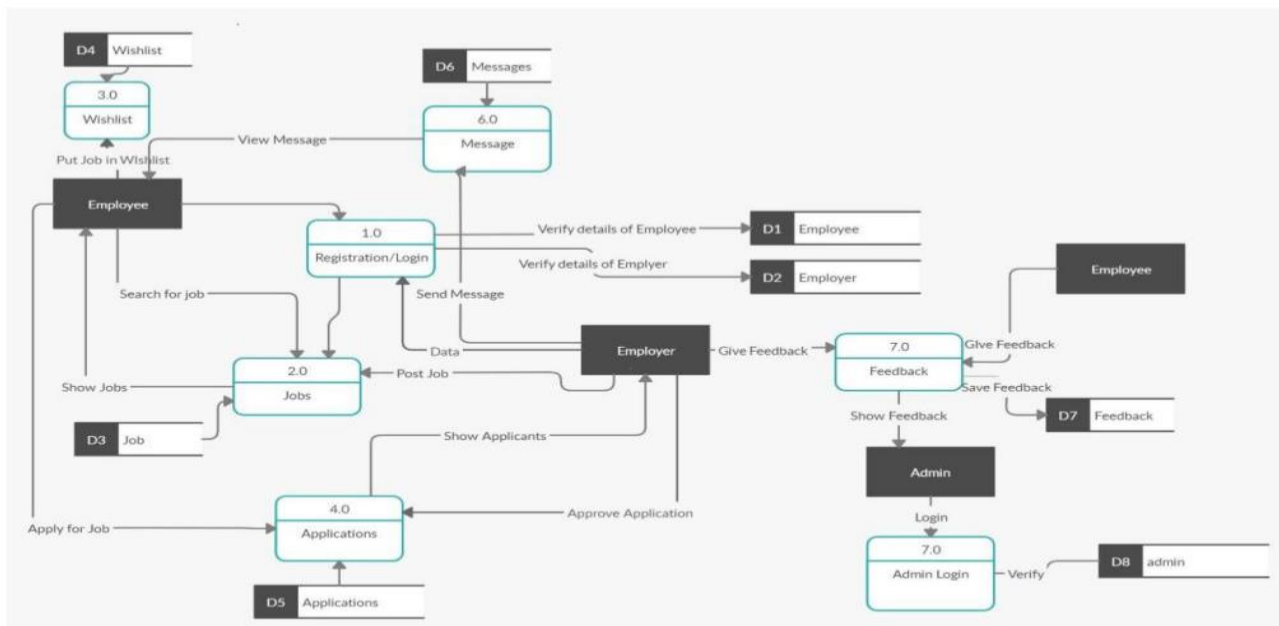


Figure 5- DFD 2 level Diagram