

Software Requirements Specification (SRS)

CSE327 Section-04

**Job Finding App
(JobFinder)**

Submitted to

Dr. Md. Musfique Anwar

Prepared by

Barna Biswas (1711018042)

Sarah Sadia Mahbub (1530601042)

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Chapter 1

Introduction

Now a days, job related apps and websites are more popular than some social media apps. In our recent ultramodern days, everyone wants to find a job through online. Before applying for a job or interview, job seeker wants to search about more thing regarding jobs. So job finding app gains more popularity in recent days. It helps people to find out a job which is suitable for them.

1.1 Purpose

So our aim is to create an android app that will helps people to find a preferable job for them. Our app will helps people to communicate with each other. Through this app people can follow any other people all over the Bangladesh. By using this app, people can find jobs and also they can offer jobs to others. This android app will help the job seeker people, who really wants to find a job through online. And people who wants to offer job, they can post their jobs in this app. So we will try to build this app in simple way which will be helpful for general people.

1.2 Intended Audience

This Android App Requirements document is intended for:

- Android Developers
- Project testers
- End users

1.3 Intended Use

Android Developers: Developers can add new features and design it with new method and idea, in this app. Also, developers can review project's capabilities and more easily understand where their efforts should be targeted to improve this project.

Project testers: They can use this document as a base for their testing strategy as some bugs are easier to find using a requirements document. This way testing becomes more methodically organized.

End users: End users of this application, wants to know broadly about this app, what the app is about. They want to read about what this project can do.

1.4 Product Scope

We are building this android based app to help people. In this project, we want to build a job finding app that will be developed to help job seekers easily browse the best jobs, learn about employers, and get advice on applying for those jobs.

We are trying to build this app in some unique way. We will keep some dynamic features that will grab the customers to use our app. Use of this app will provide people with the most current employment opportunities as it will be updated frequently. Some good features of this app is:

1. Users will have their own profile. User will be able to follow each other & can see their given information like job type, salary, position etc.
2. People can use this app with their full of satisfaction because they can easily search their preferences job & position.
3. Users can find for job through following other users. Because, every job post will be showed up in the user's newsfeed.
4. There will be a chat option. So if any user have any query they can easily chat on the chat box without any hesitation
5. This app is mainly social media based app, so people can easily use this app. So all we need is internet and laptop or tab.
6. It will focus on its best quality with best kind of authentic job posts & add

1.5 Risk Definition

Risk: Following will be the risk involved in our project:

People are already using some similar apps and websites. So, what would be the real cause that would motivate them to join our application.

Risk Mitigation: Though most of the users would already be using some similar types of application but our platform would still offer them a simple and easy to useable app that is not match with other platform. In other platforms, similar features have been implemented in different method. We will to make our app in simple way that users can find it friendly. In our app only job posts will be showed up in their app. So it will be easier for users to search their required job. As we can see many factors need to be in place for the right candidate to find the right job. Job searching takes more than just filling out an application once a week and waiting patiently by the phone for an answer. It takes time, research, consistency, follow up, and resiliency. In order to make the job finding process easy, we are proposing a solution that will help people to find jobs easily. It will help people to find rewarding jobs and career.

Chapter 2

Overall Description

Basically we are going to build an android based job finding app. In this project we are going to build a useful app that will be developed to help job seekers easily browse the best jobs, learn about employers, and get advice on applying for those jobs. Job finding is the main purpose of this app.

2.1 User Classes and Characteristics

In our system the ultimate control will be in the hand of three users. They are:

- Product owner
- Admin
- Developer

Product owner: Product owner has the full right to take any kind of decisions. According to his/her decision admin and developer can update the system.

Admin: Here admin is the highest privileged user who has the full access to the system. And he/she is able to manage any kind of activity regarding the system.

Developer: Developer has the control on the developing part of the system. He/she has the right to change/update any feature. He/she can also change user interface and can introduce

Our system will work as linkage between its users .Our target users will be:

- Job Seeker User
- Job Posting User
- General People

Job Seeker User: Job seeker users can upload their information through their profile edit option. They can add their CV so that, they can find job easily. Job seeker users also find job related offer through this app. So they can apply for job and know more thing about it.

Job Posting User: Job posting user can upload their job post through their timeline. Thorough uploading job offer they can find an employ whom they want for their particular job post.

General People: General people can also visit the app like the people who wants to keep knowledge about current job market or students like us who wants to aware about recent job market they can also use this app. Through this job posting & seeking ads or posts they can know about their desire information like current high rated job sector, posting, salary etc.

2.2 User Needs

- **Job Seeker User:** Job seeker user can easily find a job through this system. Our app will mainly for job seeker people, so that they find a job through online. Job seeker user will see various kind of job post in our app. They can see all the job post and find the difference between different job posts. In this way they can compare which job is good for them and apply for a suitable job.
- **Job Posting User:** Job posting user can find employee through this app. Now a days, some company officers and children parents want to find an employee and teacher through online. So they can post their offer in this app. So that, who wants to do this job, they can apply for them through online. In this way, job posting user can find employee.
- **General People:** Our app is also useful for general people like student. Because through this app, student can see what's is going on in job workplace. They can see the job post and will know about the job offer details. They can collect information regarding job offer by using this app.

2.3 Operating Environment:

As our product is an android based App, so that it can run only in android phone. For our database system we will use Firebase database system. Currently, we will not use any hosting site for our project. When we will introduce the product in the market, we will surely integrate hosting site with it so that users can get the services without any trouble.

2.4 Constraints

Technical Constraints:

- User must be SSC/ HSC passed.
- Users can only see the followers post and ads in their newsfeed. The newsfeed will only show job related post. No random post or unnecessary post will be shown on this app.

Business Constraints:

- Budget and time restrictions.
- Resource limitations

2.5 Assumptions

- Users know English.
- Users have internet service.
- User's device support internet service.
- Users need an android phone.

Chapter 3

Requirements

There are mainly two types of requirements which we will provide. The requirements are:

- Functional requirements
- Non-functional requirements

3.1 Functional Requirement:

System features:

- Creating users profile:

By creating own profile, users can upload their information and CV. They can follow other users and see their posts also.

- Posting job offer through their timeline:

User can post different types of job related offer through this app. They need to post their job in their timeline.

- Creating newsfeed and show post:

User wants to see job post in their newsfeed so that they can apply for a job. Users can know about details information about job in their newsfeed.

- Creating chat option, comment box:

User can message other users through the chat option. They can ask about job details in the chat option. User can write comment in the other user post.

External Interface Requirements:

- Use Interface:

Front-end: Designing with Android Studio Features.

Back-end software: Java, firebase database.

- Hardware Interface:

Windows.

A browser which supports Java, Android Studio, Firebase Database.

3.2 Non Functional Requirements

Performance: The product will be based on android version and it has to be run from a firebase and android server. The product will take initial load time depending on internet connection strength which also depends on the media from which the product is running. After finishing the all work, we will try to provide interactivity, so that user can use it with smoothly.

Quality:

- **Availability:** Job finder app will help people to get a suitable job for them. And also, some officer level worker can search employee in this app. This app will provide people some useful thing regarding job related topic.
- **Correctness:** This job finding app will provide the correct information of the users. Any job seeking user can check if the job is originally exists or not.
- **Maintainability:** The administrators maintain the server for the better services.
- **Usability:** It satisfies a maximum number of user needs.