ON DEMAND SERVICE

By

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A thesis submitted in partial fulfillment of the requirement for the degree of Bachelor
of Science in Software Engineering

Department of Software Engineering
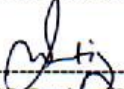**DAFFODIL INTERNATIONAL UNIVERSITY**
Fall – 2018

APPROVAL

This **Project** titled "**On Demand Service Application**", submitted by **Mazharul Islam Chowdhury, ID: 151-35-897& Md. Noor-E-Yazdani Chowdhury,ID:151-35-914** to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of BSc in Software Engineering and approved as to its style and contents.
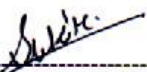
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I. Declaration

We hereby declare that we have taken this project under the supervision of **Md. Anwar Hossen**, **Senior Lecturer**, Department Of Software Engineering, Daffodil International University. We also declare that neither this report nor any part of this has been submitted elsewhere for award of anydegree.

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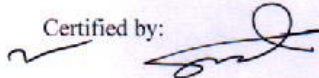
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Acknowledgement

First of all, we are grateful to the Almighty Allah for making us eligible to complete this project. Then we would like to thank our supervisor **Md. Anwar Hossen, Senior Lecturer**, Department Of Software Engineering. We are extremely grateful and indebted to him for his expert, sincere and valuable guidance and encouragement extended to me.

Beside our supervisor, we would like to express our sincere thanks to **Dr. TouhidBhuiyan**, Professor and Head of Software Engineering Department for his constant encouragement.

We would like to thank them who were helped in our project by their very important suggestions. Without their passionate participation and input, the project could not be successfullyconducted.

We take this opportunity to record our sincere thanks to all the faculty members of the Department of Software Engineering for their help and encouragement.

Last but not least, we would like to thank our parents, for their unconditional support, love and without this we would not have come this far.

Executive Summary

On Demand Service is an android operating system based mobile application. Nowadays it is very difficult to get reliable services within reasonable cost. We are suffering a lot for not having a system from where we can get reliable services on time. Through our application people can get services very easily. There are some professional people ready to provide services at a reasonable cost. On the other hand this system will help to make our job environment better. At our country, it is very hard to get a proper job. There are so many job seekers who have skills but still do not get a job just for not having proper system. However university going students are suffering a lot for not having enough opportunities for part-time jobs. Both job seeker and job provider will be benefited by our application. Job seeker can get a job without any hassle and job provider can get some professional employees.

For hiring employee, job provider needs to make a job post with details such as job title, location, budget, duration etc. Job seekers can see the job post and can apply for the job. Afterwards there will be an interview session between job seeker and job provider. Then job provider will hire the employee. Job provider can also hire employee directly by searching service offers that job seekers made.

For getting a job, job seeker needs to browse the job posts. If the job requirement matches with their skills then they will apply for the job. Job seeker can also make services post that they want to provide. Job provider can see those posts and hire them.

To sum up, this application will help to get reliable jobs on time. It will also increase part-time job opportunities. Skillful people can get job without any hassle. Besides, this application will also help to reduce unemployment from our county. We believe that this application will bring a new dimension in our job environment system. The communication between job seeker and job provider will be better.

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CHAPTER I: INTRODUCTION

1.1. PROJECT OVERVIEW

On Demand Service is basically a mobile application which is currently built for android operating system. This system is mainly developed for any job seeker and job provider. This application delivers a good communication system between job seeker and job provider.

Job provider can post a job with details such as job name, job description, budget, duration etc. Job provider can browse job seeker list. He can also invite available job seeker for getting his/her desired services.

Job seeker can browse available jobs by selecting category and can apply for the jobs which are suitable with his/her skills. Job seeker can also make post about his/her services. The services he/she can provide. So that job provider can see that and invite them directly.

By using our application job seeker can get job without any hassle and job provider will get skillful employee.

1.2. PROJECT PURPOSE

1.2.1 Background

Our main focus is to make a reliable environment for part time jobs. At our country especially university going students are suffering a lot for not having a reliable system from where they will get part jobs without any hassle. Most of them have the skill but they are not getting jobs just for not having a proper communication system between job seeker and job provider. By using On Demand Service application, a skillful person can get a job very easily. On the other hand at our country we are suffering a lot for not getting reliable services. Getting reliable people for services is one of the biggest problems at our capital Dhaka city. By using our application one can easily hire reliable people by seeing their profile. This application will help to reduce unemployment. Skillful people can get a job very easily. On the other hand one can get his/her desired services at a reasonable cost. For using this application one need to register first. There are two options for registering an account: as a job provider, as a job seeker. A job seeker can make his profile where he can add the services details that he can provide. He can apply for available jobs. A job provider can post jobs with proper details. He can also browse job seeker list and invite people for his

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job.There are categories for jobs. This will make things easy for both job seeker and job provider. Job seeker and job provider can have an interview session before starting the job. This can be done over phone call. If both job provider and job seeker agree with job conditions and budget then the job will start. There is an option for user support. Both job provider and job seeker can contact with support.

1.2.2 Benefits & Beneficiaries

This application will make a good communication system between job provider and job seeker. This application will especially help for the people who are seeking for a part time job. In our country, there are so many skillful people who need a job but they are suffering for not having a proper system from where they can get a job without any hassle. By using our application a skillful job seeker can get a job very easily. Job seeker especially the people who are seeking for part time job will be benefited by this system. And it will obviously help to reduce unemployment from our country which is considered one of the biggest problems for young generation. On the other hand we are suffering a lot for not getting reliable services. Although job provider are ready with smart budget but they are not getting reliable services. They can easily get reliable people for making their job done. So it will help to get reliable services on time. No matter how big or small your job is you can get reliable employee from this application. This will save their valuable time and money. Thus, job seeker, especially part time job seeker, and job provider will be mostly benefited by using our application.

Beneficiaries:
- Skillful job seeker
- Job provider

Benefits:
- Having a good communication system between job seeker and job provider.
- Skillful job seeker can easily get a job without any hassle.
- A job provider can easily get his services without trouble.
- People can get part time job very easily.
- This system will help to reduce unemployment from our country.
- Job provider and job seeker can communicate with each other very easily.

1.2.3 Goals

On Demand Service application is aimed to make the communication system easy and fast between job seeker and job provider. Job seeker can get a job very easily if he/she has skills on that particular job. There are categories for job. One needs to choose the category and search for his desired job. After reading this job description he can apply for that job. On the

other hand a job provider can easily get his desired services from some skillful reliable people. He needs to post a job and then hire one from interested job seeker. He can hire directly by analyzing job seeker's profile. This system will make the communication system easy between job seeker and job provider. Skillful job seeker will get their part time job very easily. University going students can easily manage a part time job if he/she has skills on that particular job. Job seeker doesn't need to go to any agency for having a job. In most cases job agencies are not reliable and they are very expensive. By using this application one can get job without paying any commission or fees. He just needs to be skillful and reliable. In long term it will reduce unemployment from our country.

1.3 STAKEHOLDERS

- ➢ Job seeker
- ➢ Job provider
- ➢ Admin

1.4 PROPOSED DEVELOPMENT MODEL
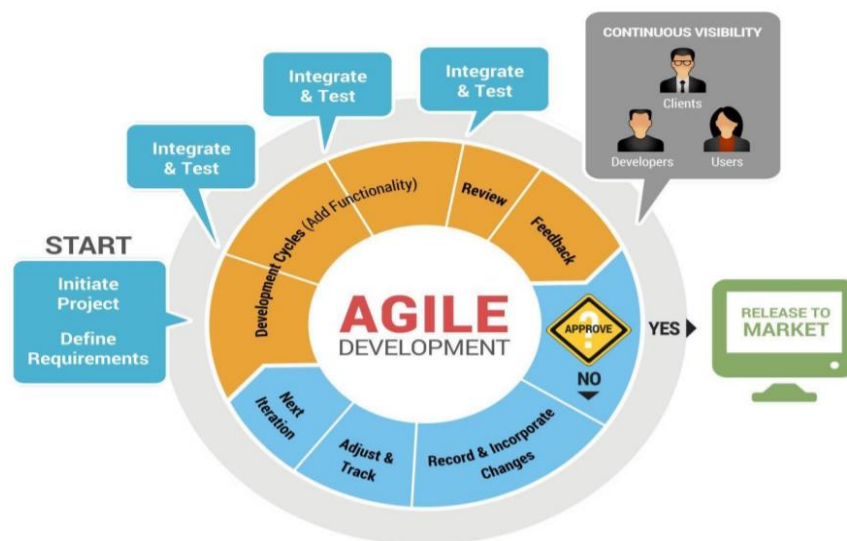
Figure 1: Agile Model

Agile model enforces us to avoiding waste through continuous delivery. We have to focus on testing all features before get into production. It provides evidence that our code works. We can get feedback within seconds/minutes. To be honest we do not like to read documentation ,we prefer reading working code in this case sample tested working pieces of code. In agile model, it

takes less time in debugging. It helps to get closer to the problem quickly. The most important thing is it ensures that changes and new codes do not break the existing code. To sum up, it makes developers accountable .

1.5 PROJECT SCHEDULE

1.5.1 Gantt Chart
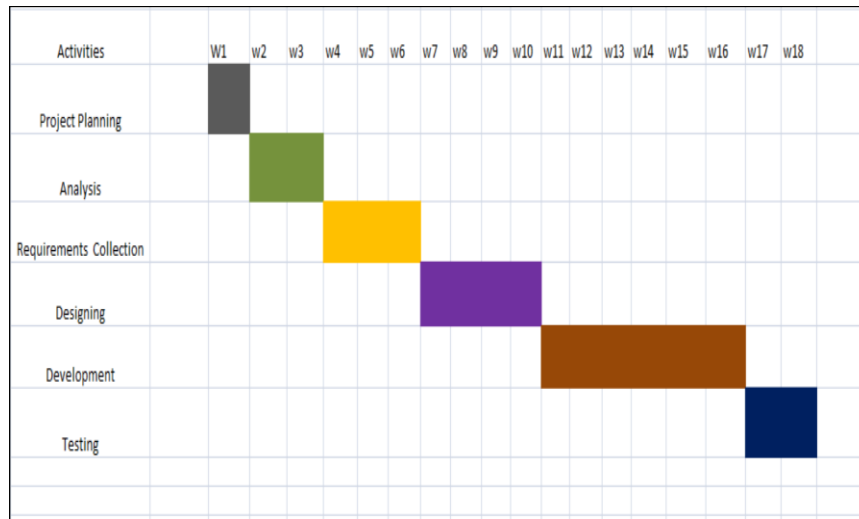
Figure 2:Gantt Chart

1.5.2 Release Plan/Milestone

Release 1: beta version 1.0.0 on 20/9/2018

Release 2: beta version 2.0.0 on 23/10/2018

Release 3: beta version 3.0.0 on 27/11/2018

CHAPTERII: SOFTWARE REQUIREMENT SPECIFICATION

DEFINITION OF KEYS

Key	Definition
H	High
M	Mandatory
D	Described

2.1 FUNCTIONAL REQUIREMENTS

Table 1: Functional Requirements

No.	Description	Priority
1	User registration	H
2	User login	H
3	User profile	H
4	Job seeker can post services details	H
5	Job provider can make a job post	H
6	Job provider can browse job seeker list	H
7	Job seeker can browse available jobs	H
8	Job seeker can apply for jobs	H
9	Admin can manage user list	M
10	Both job seeker and job provider can contact with user support	M

2.2 DATA REQUIREMENTS

Table 2: Data Requirements

No.	Description	Priority
1	App users have to insert the registration credentials accurately otherwise the app will show an error with message	D
2	App users have to insert the registration credentials accurately otherwise the app will show an error with message.	D

2.3 PERFORMANCE REQUIREMENTS

2.3.1 Speed and Latency Requirements

Table 3: Speed and Latency Requirements

No.	Description	Priority
1	The system should load the data from server in maximum 2 second.	D
2	The system should upload the data to the server in maximum 1 second.	D
3	The system must have a high speed of manipulation data and reply to the user request.	D

2.3.2 Precision or Accuracy Requirements

Table 4: Precision or Accuracy Requirements

No.	Description	Priority
1	When any user provide data to the system that should be validate	M
2	All data should be in place accurately where it is associated	M

2.3.3 Capacity Requirements

Table 5: Capacity Requirements

No	Description	Priority
1	The mobile application size should be less than 6 MB	D
2	The remote server database size must be able to load the system data	D

2.4 DEPENDABILITY REQUIREMENTS

2.4.1 Reliability Requirements

Table 6: Reliability Requirements

No.	Description	Priority
1	Job seeker should see every available jobs when any new job data insert into server	D
2	The job apply process must send the user data to the server	D
3	When any user update profile all data should send to the server	D

2.4.2 Availability Requirements

Table 7: Availability Requirements

No.	Description	Priority
1	The application should work 24/7	D
2	The applications should provide every data on time	D
3	User can use the application in two views all the time: Job seeker view, Job provider view	D

2.4.3 Robustness or Fault-Tolerance Requirements

Table 8: Robustness or Fault-Tolerance Requirements

No.	Description	Priority
1	If the system crashed, it should have capability to recover in 20 minutes	M
2	This system should be supported in all screen size of any mobile that has android operating system	M

2.5 MAINTAINABILITY AND SUPPORTABILITY REQUIREMENTS

2.5.1 Maintenance Requirements

Table 9: Maintenance Requirements

No.	Description	Priority
1	The system maintenance should be fast and accurate	D

2.5.2 Supportability Requirements

Table 10: Supportability Requirements

No.	Description	Priority
1	The system should be supported in all android mobile with minimum SDK API level 16	D
2	It should be supported in all screen sizes mobile which has an android operating system	D

2.6 SECURITY REQUIREMENTS

2.6.1 Access Requirements

Table 11: Access Requirements

No.	Description	Priority
1	Only admin will be able to enter into the system for any maintenance.	M
2	The users access boundary should be within mobile application	M

2.6.2 Integrity Requirements

Table 12: Integrity Requirements

No.	Description	Priority
1.	The data of the system should not be altered without permission	D
2.	The data integrity should be maintained	D

2.6.3 Privacy Requirements

Table 13: Privacy Requirements

No.	Description	Priority
1.	The user data should be protected and that should not be visible in public.	D
2.	The application should not take any sensitive information from mobile	D

2.7 USABILITY AND HUMAN-INTERACTION REQUIREMETNS

Table 14: Ease of Use Requirements

No.	Description	Priority
1.	Application should be user friendly	D
2.	User Interface should be easy and understandable	D

2.7.1 Understandability and Politeness Requirements

Table 15: Understandability and Politeness Requirements

No.	Description	Priority
1.	User should easily understand every functionality of the application.	M
2.	Every functionality should response on time	D

2.8 LOOK AND FEEL REQUIREMENTS

2.8.1 Appearance Requirements

Table 16: Appearance Requirements

No.	Description	Priority
1.	The user interface must be attractive	D
2.	The user interface must be user friendly	D
3.	The user interface must be interactive	D

2.8.2 Style Requirements

Table 17: Style Requirements

No.	Description	Priority
1.	We have used xml for designing our application.	D
2.	We have used android material design for designing our application.	D

CHAPTER III: SYSTEM ANALYSIS

3.1 USE CASE DIAGRAM

The following diagram has been depicted with two users: Job seeker and job provider.

3.1.1 System Environment (Level-0 use case)

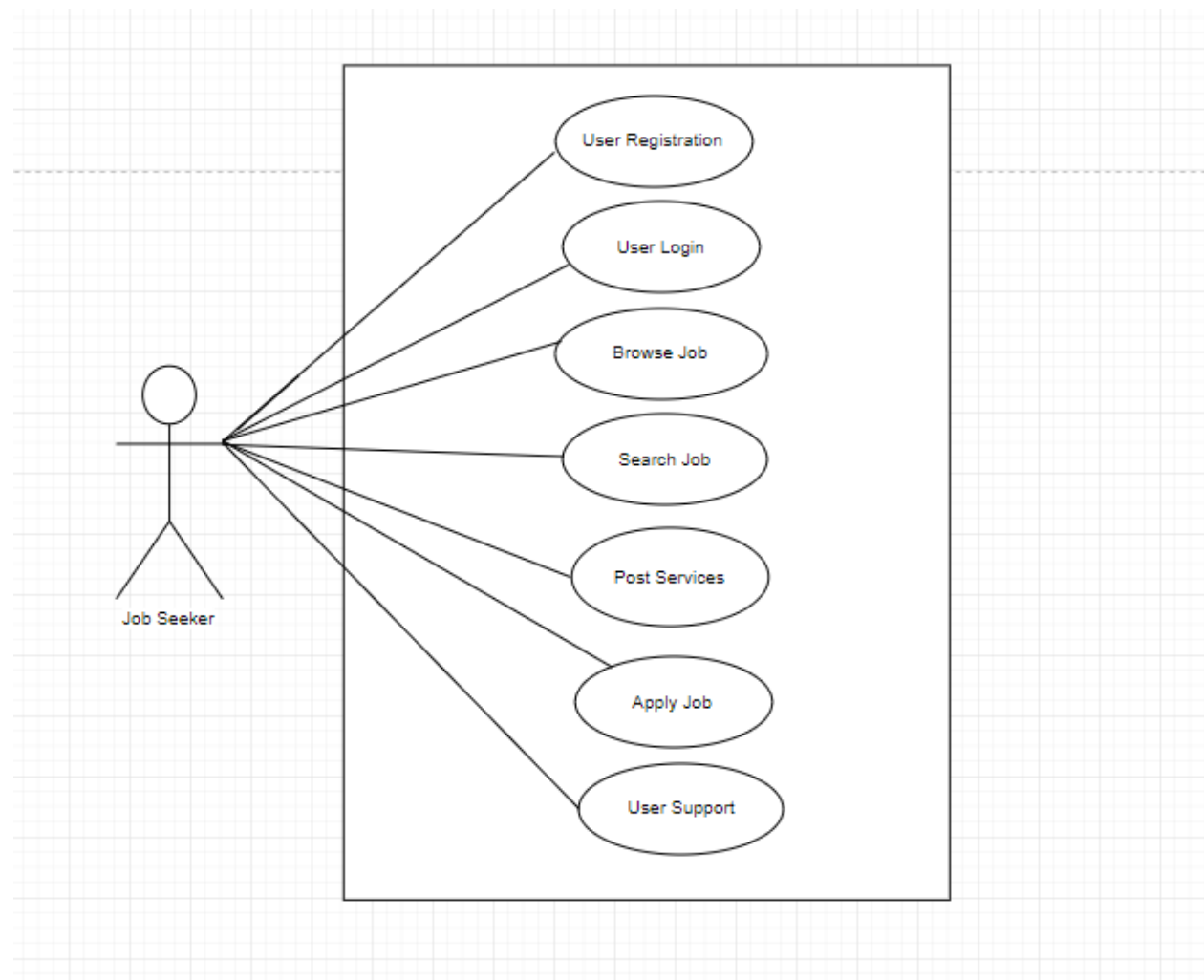**Figure 3: Level 0 use case(System)**

3.1.2 Job seeker use case

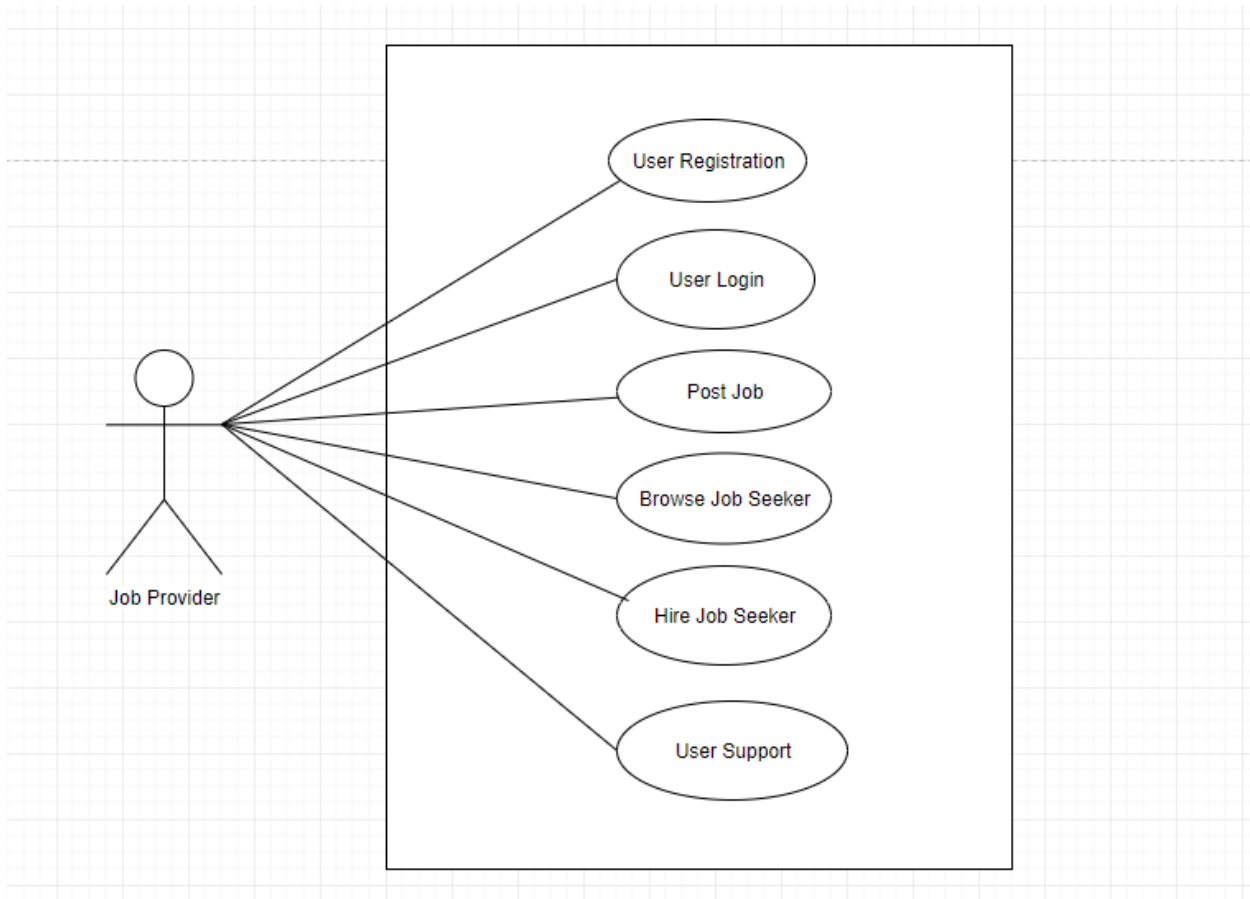**Figure 4: Job seeker use case**

3.1.3 Job provider use case

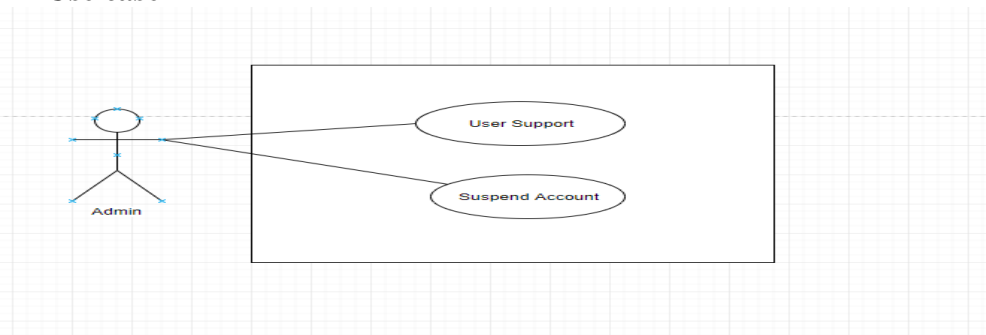**Figure 5: Job provider use case**

3.1.4 Admin Use case

Figure 6: Admin Use case

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3.2 USE CASE DESCRIPTION(FOR EACH USE CASE)

3.2.1 User Registration

Table 18: User Registration

Use case title	User Registration
Goal	User sign up to this application.
Preconditions	User should put valid information about himself/herself.
Success End Condition	User can register himself/herself.
Failed End Condition	User failed to register himself/herself.
Primary Actors: **Secondary Actors:**	Job seeker and job provider User of the application
Trigger	User's data comes to the database.
Description/Main Success Scenario	• User has to put a valid email and password for registering to this application
Alternative Flows	N/A
Quality Requirements	N/A

3.2.2 User Login

Table 19: User Login

Use case title	User Login
Goal	User login to this application.
Preconditions	User should authentic himself/herself by providing valid user name and password.
Success End Condition	User can login into application.
Failed End Condition	User failed to login into application.
Primary Actors: **Secondary Actors:**	Job seeker and job provider User of the application
Trigger	User can use the application's features.
Description/Main Success Scenario	• User should put valid username and password to login to application.
Alternative Flows	N/A
Quality Requirements	N/A

3.2.3 Job Search

Use case title	Job Search
Goal	Job seeker can search available jobs.
Preconditions	Only job seeker can search job. If user is in job provider view, he/she has to change the option.
Success End Condition	User can search the available jobs.
Failed End Condition	User failed to search the jobs.
Primary Actors: **Secondary Actors:**	Job seeker User of the application
Trigger	Job seeker can view the job details.
Description/Main Success Scenario	• User can search available jobs. • He/she need to choose the job seeker option.
Alternative Flows	N/A
Quality Requirements	N/A

3.2.4 Browse Job

Table 21: Browse Job

Use case title	Browse Job
Goal	User can browse available jobs.
Preconditions	User has to use the application as a job seeker not job provider.
Success End Condition	User can browse available jobs.
Failed End Condition	User unable browse available jobs.
Primary Actors: **Secondary Actors:**	Job seeker User of the application
Trigger	Job seeker can view the job details such as job description, duration, budget, location etc.
Description/Main Success Scenario	• Job seeker can view the job details. • User must need to be in job seeker mode.
Alternative Flows	N/A
Quality Requirements	N/A

3.2.5 Post Services

Table 22: Post Services

Use case title	Post Services
Goal	Job seeker can post services details.
Preconditions	User has to use the application as a job seeker not job provider.
Success End Condition	Job seeker can post services details that he/she want to provide.
Failed End Condition	Job seeker unable to post services details.
Primary Actors: Secondary Actors:	Job seeker User of the application
Trigger	Job seeker can post services details.
Description/Main Success Scenario	• Job seeker can post services details that he/she want to provide. • User must need to be in job seeker mode.
Alternative Flows	N/A
Quality Requirements	N/A

3.2.6 Apply Job

Table 23: Apply Job

Use case title	Apply Job
Goal	Job seeker can apply for jobs.
Preconditions	User has to use the application as a job seeker not job provider.
Success End Condition	Job seeker can apply for the available jobs.
Failed End Condition	Job seeker unable to apply for jobs.
Primary Actors: Secondary Actors:	Job seeker User of the application
Trigger	Job seeker can apply for the job and can have a discussion with job provider regarding job requirements.
Description/Main Success Scenario	• Job seeker can apply for the available jobs. • User should be in job seeker mode.
Alternative Flows	N/A
Quality Requirements	N/A

3.2.7 Post Job

<p align="center">Table 24: Post Job</p>

Use case title	Post Job
Goal	Job provider can post jobs.
Preconditions	User has to use the application as a job provider not job seeker.
Success End Condition	Job provider can post job with details.
Failed End Condition	Job provider unable to post jobs.
Primary Actors: **Secondary Actors:**	Job provider User of the application
Trigger	Job provider can post jobs with details such as job title, job details, location, budget etc and he/she can have an interview session with job seeker.
Description/Main Success Scenario	- Job provider can post jobs. - User must need to be in job provider mode.
Alternative Flows	N/A
Quality Requirements	N/A

3.2.8 Browse Job seeker

<p align="center">Table 25: Browse Job seeker</p>

Use case title	Browse Job seeker
Goal	Job provider can browse job seeker list.
Preconditions	User has to use the application as a job provider not job seeker.
Success End Condition	Job provider can post job with details.
Failed End Condition	Job provider unable to browse job seeker list.
Primary Actors: **Secondary Actors:**	Job provider User of the application
Trigger	Job provider can browse the job seeker list according to category.
Description/Main Success Scenario	- Job provider can browse job seeker list. - User must need to be in job provider mode.
Alternative Flows	N/A
Quality Requirements	N/A

3.2.9 Hire Job seeker

<p align="center">Table 26: Hire Job seeker</p>

Use case title	Hire Job seeker
Goal	Job provider can hire job seeker.
Preconditions	User has to use the application as a job provider not job seeker.
Success End Condition	Job provider can hire job seeker.
Failed End Condition	Job provider unable to hire job seeker.
Primary Actors: Secondary Actors:	Job provider User of the application
Trigger	Job provider can hire job seeker and start the job.
Description/Main Success Scenario	• Job provider can hire the job seeker. • User must need to be in job provider mode.
Alternative Flows	N/A
Quality Requirements	N/A

3.2.10 User Support

<p align="center">Table 27: User Support</p>

Use case title	User Support
Goal	Providing support to both job seeker and job provider.
Preconditions	Job seeker and job provider need to be registered users.
Success End Condition	Admin provides user support.
Failed End Condition	Admin unable to provide user support.
Primary Actors: Secondary Actors:	User Support Team Admin of the application
Trigger	User support team will provide support to the users.
Description/Main Success Scenario	• Job provider and job seeker can ask for help to support team. • Job seeker and job provider need to be a registered user.
Alternative Flows	N/A
Quality Requirements	N/A

3.2.11 Suspend Account

Table 28: Suspend Account

Use case title	Suspend Account
Goal	Admin can suspend account
Preconditions	If any user violates the terms and conditions then admin can take an action against that.
Success End Condition	Admin can suspend account to ensure reliable services.
Failed End Condition	Admin unable to suspend user account.
Primary Actors: Secondary Actors:	Admin of the application
Trigger	Admin can suspend user account.
Description/Main Success Scenario	• Admin can suspend for ensuring reliable services.
Alternative Flows	N/A
Quality Requirements	N/A

3.3 ACTIVITY DIAGRAM

3.3.1 User Registration Activity
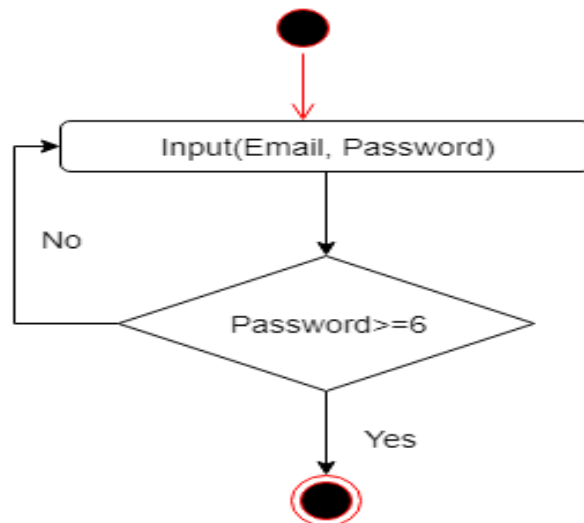
Figure 7: User Registration Activity

3.3.2: User Login Activity
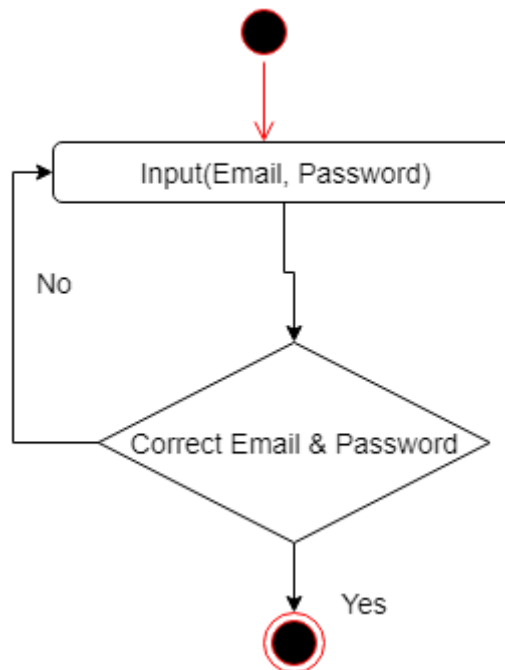
Figure 8: User Login Activity

3.3.3 Job seeker Activity
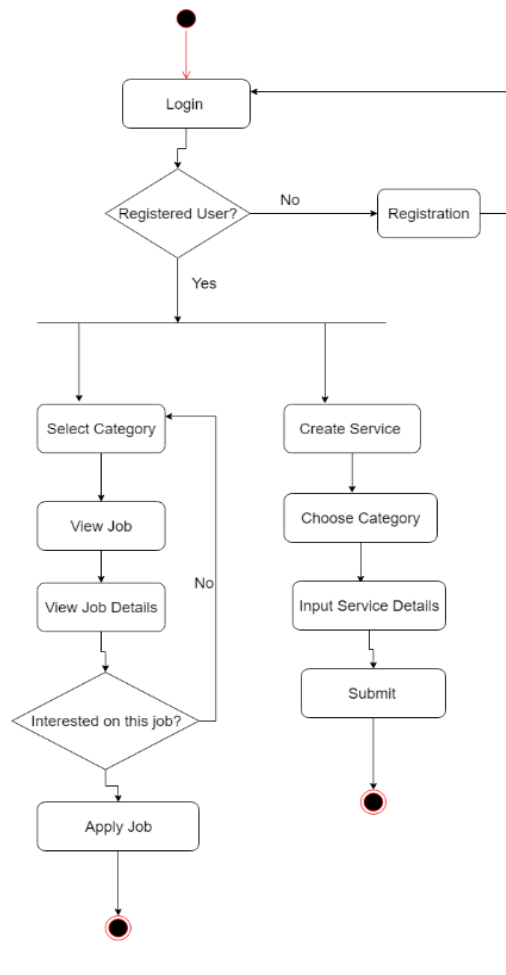
Figure 9: Job seeker Activity

3.3.4 Job Provider Activity
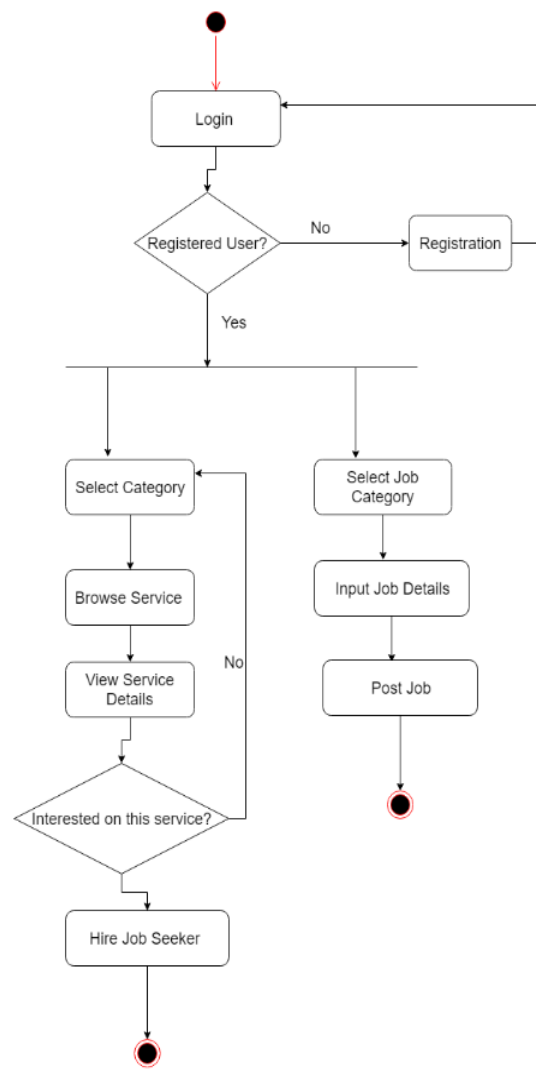
Figure 10: Job Provider Activity

3.3.5 Post Job Activity
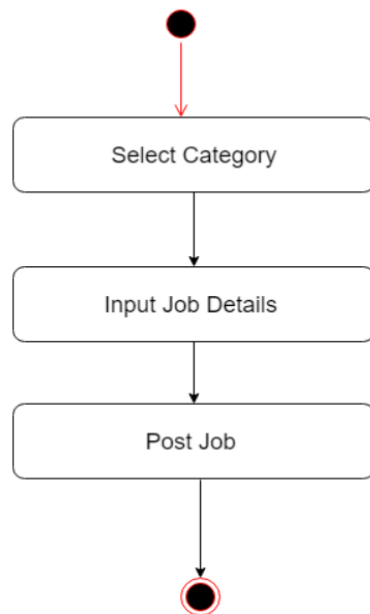
Figure 11: Post Job Activity

3.3.6:Post Services Activity
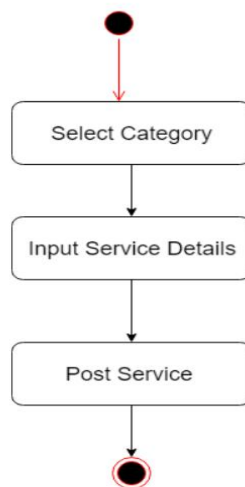
Figure 12: Post Services Activity

3.3.7: Apply Job Activity
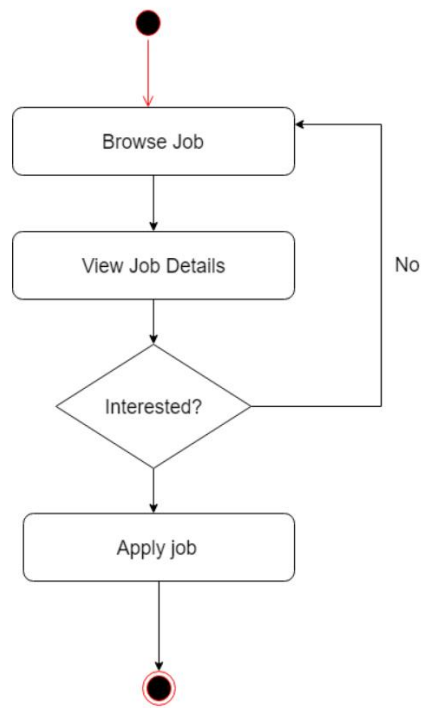
Figure 13: Apply Job Activity

3.3.8: Browse Job Activity
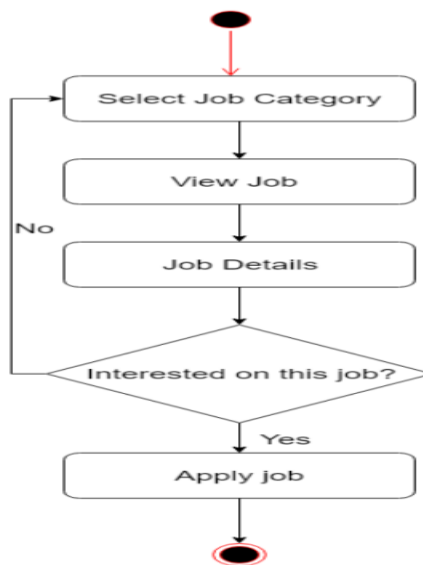
Figure 14: Browse Job Activity

3.3.9: Browse Services Activity
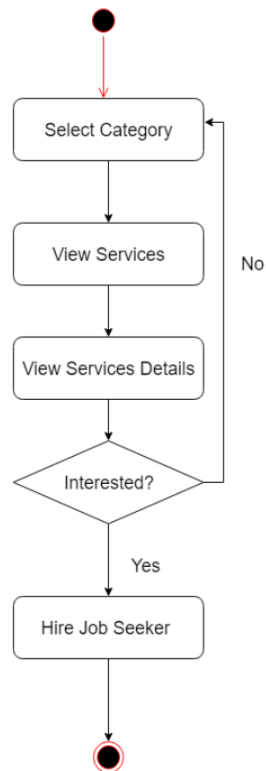
Figure 15: Browse Services Activity

3.3.10: Hire Job seeker Activity
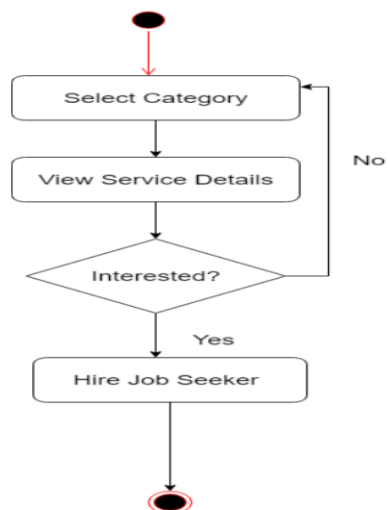
Figure 16: Hire Job seeker Activity

CHAPTER IV: SYSTEM DESIGN SPECIFICATION

4.1 SEQUENCE DIAGRAM (FOR EACH USE CASE)

4.1.1 User Registration Sequence
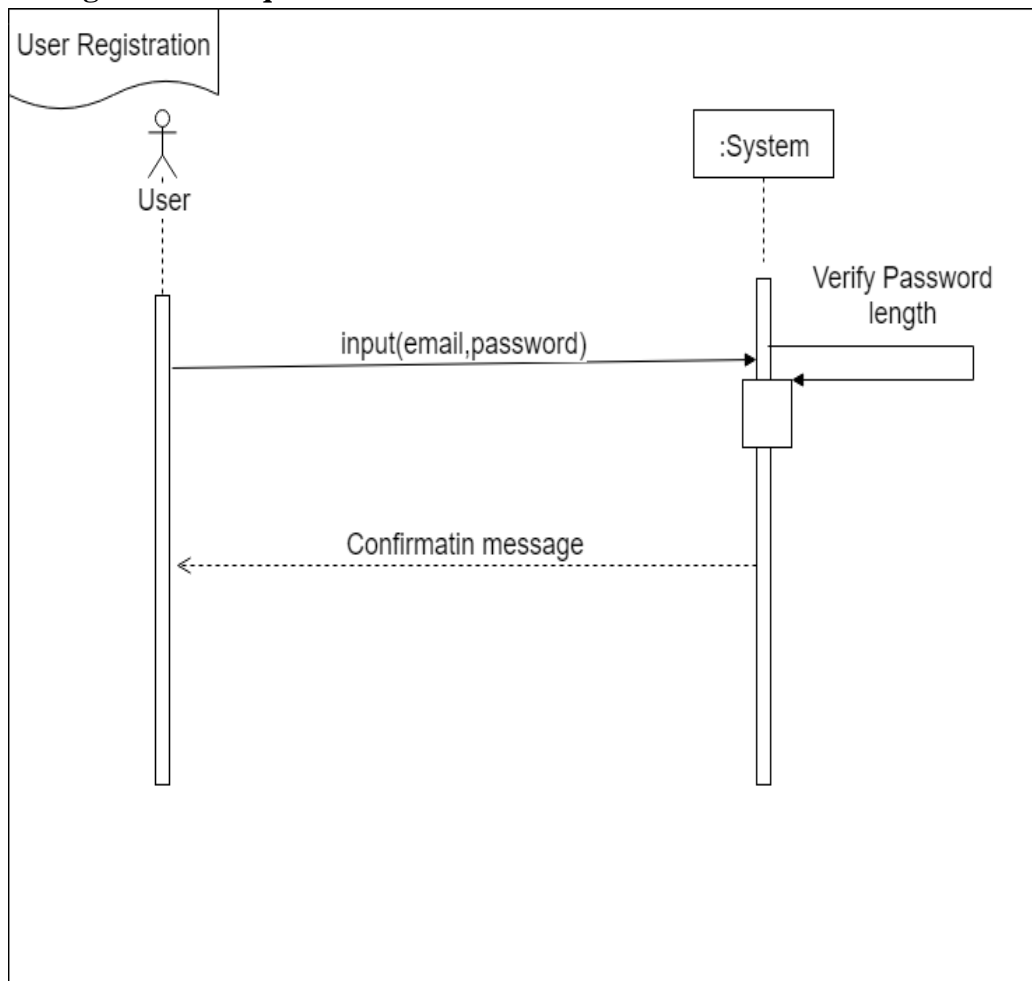
Figure 17: User Registration Sequence

4.1.2 User Login Sequence
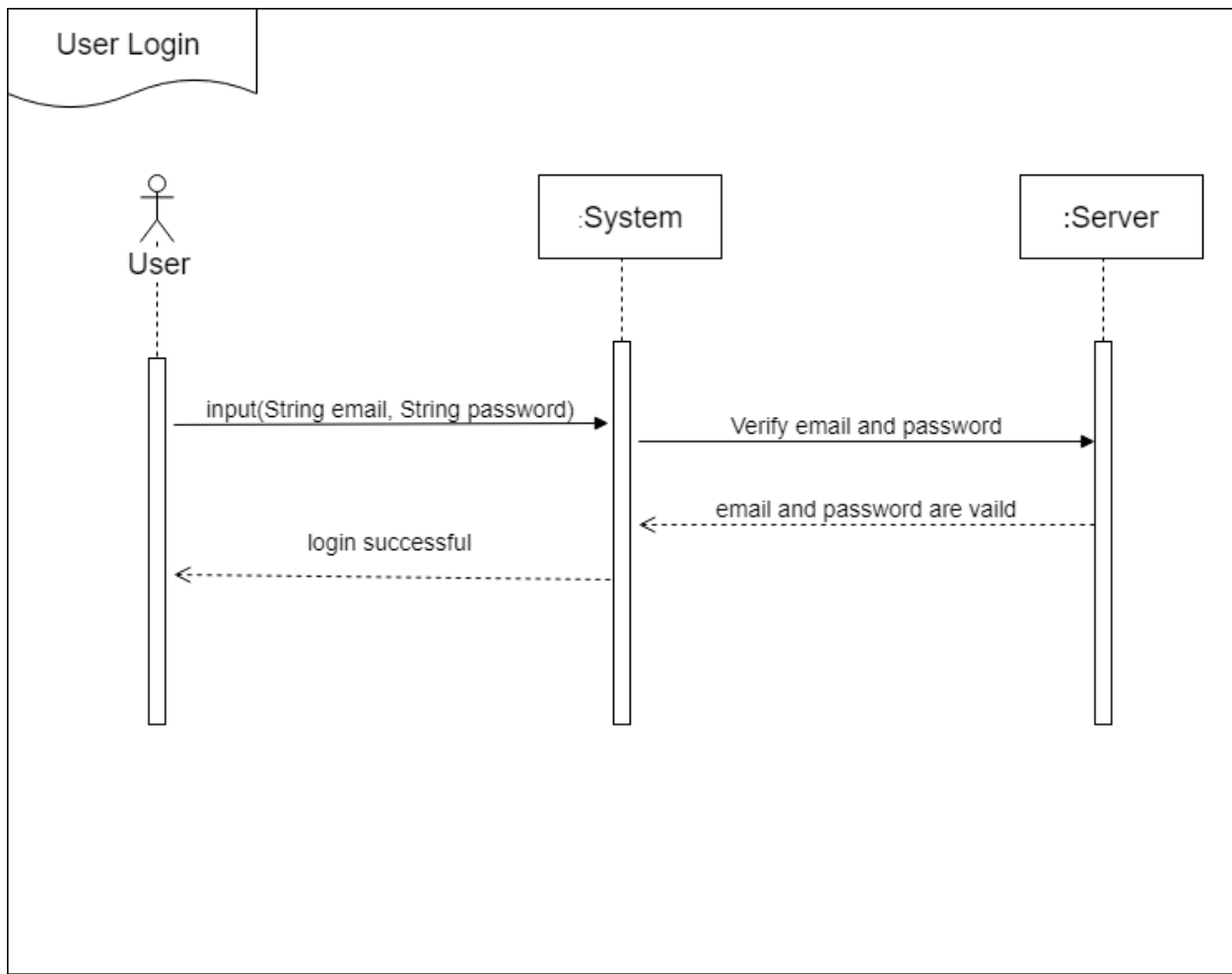
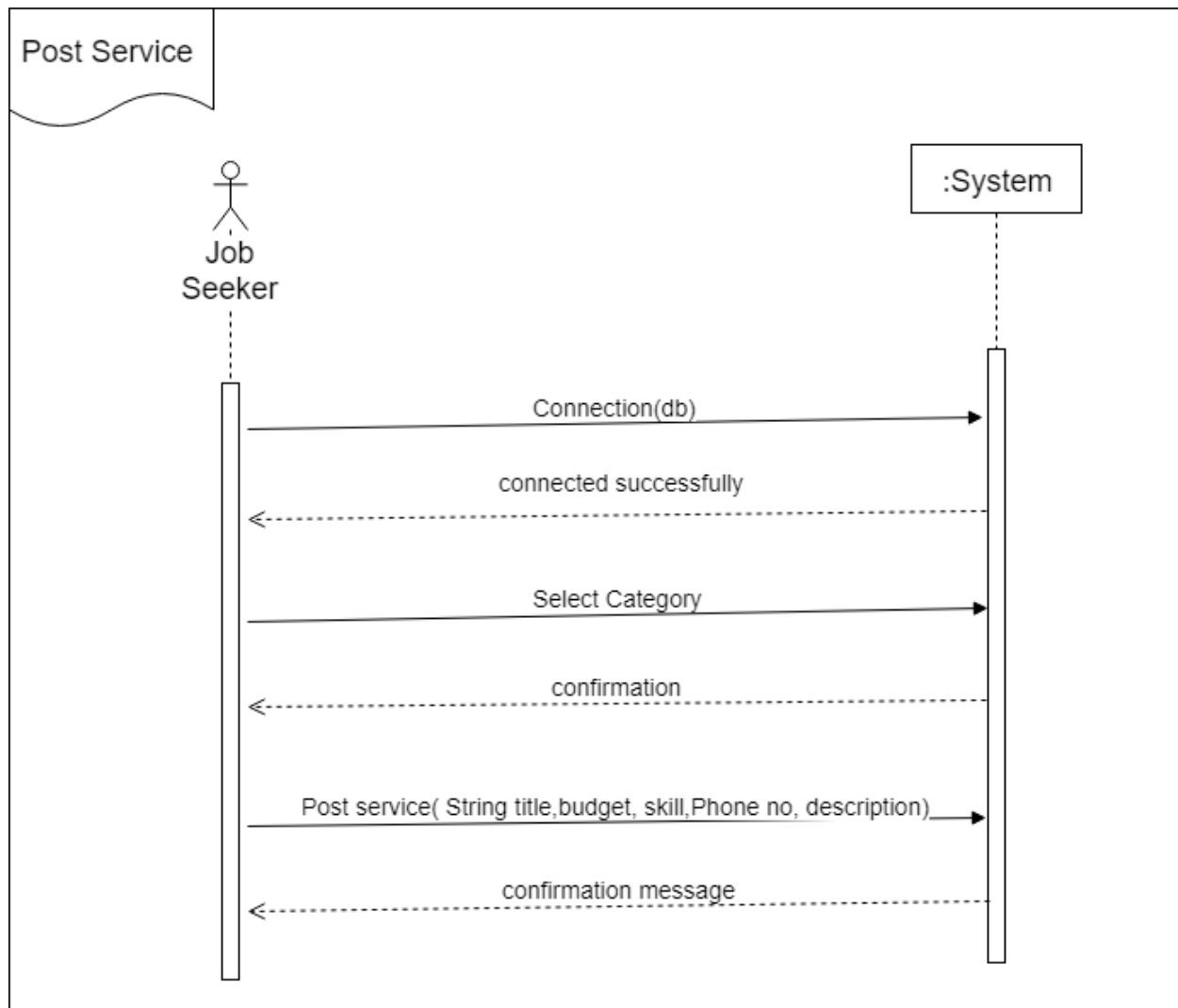
Figure 18: User Login Sequence

4.1.3 Post Service Sequence

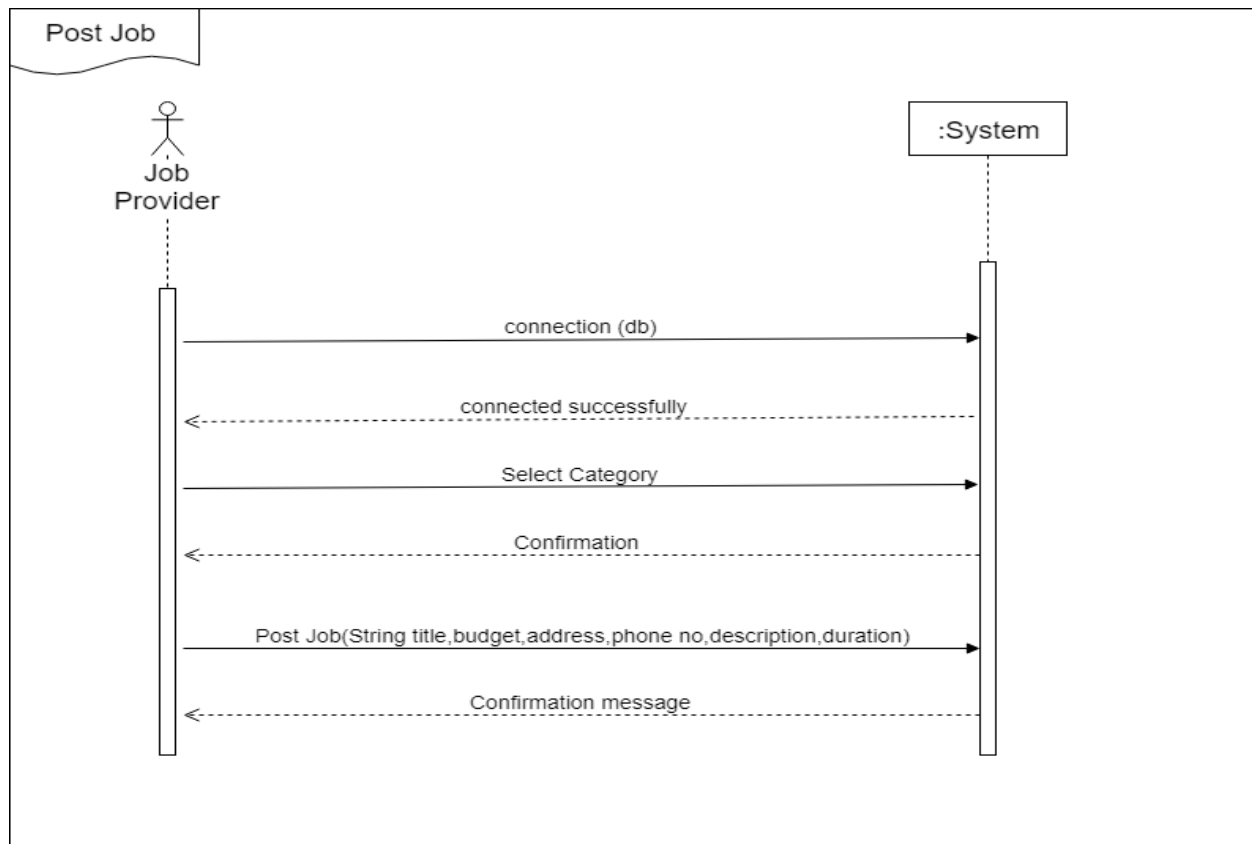**Figure 19: Post Service Sequence**

4.1.4 Post Job Sequence

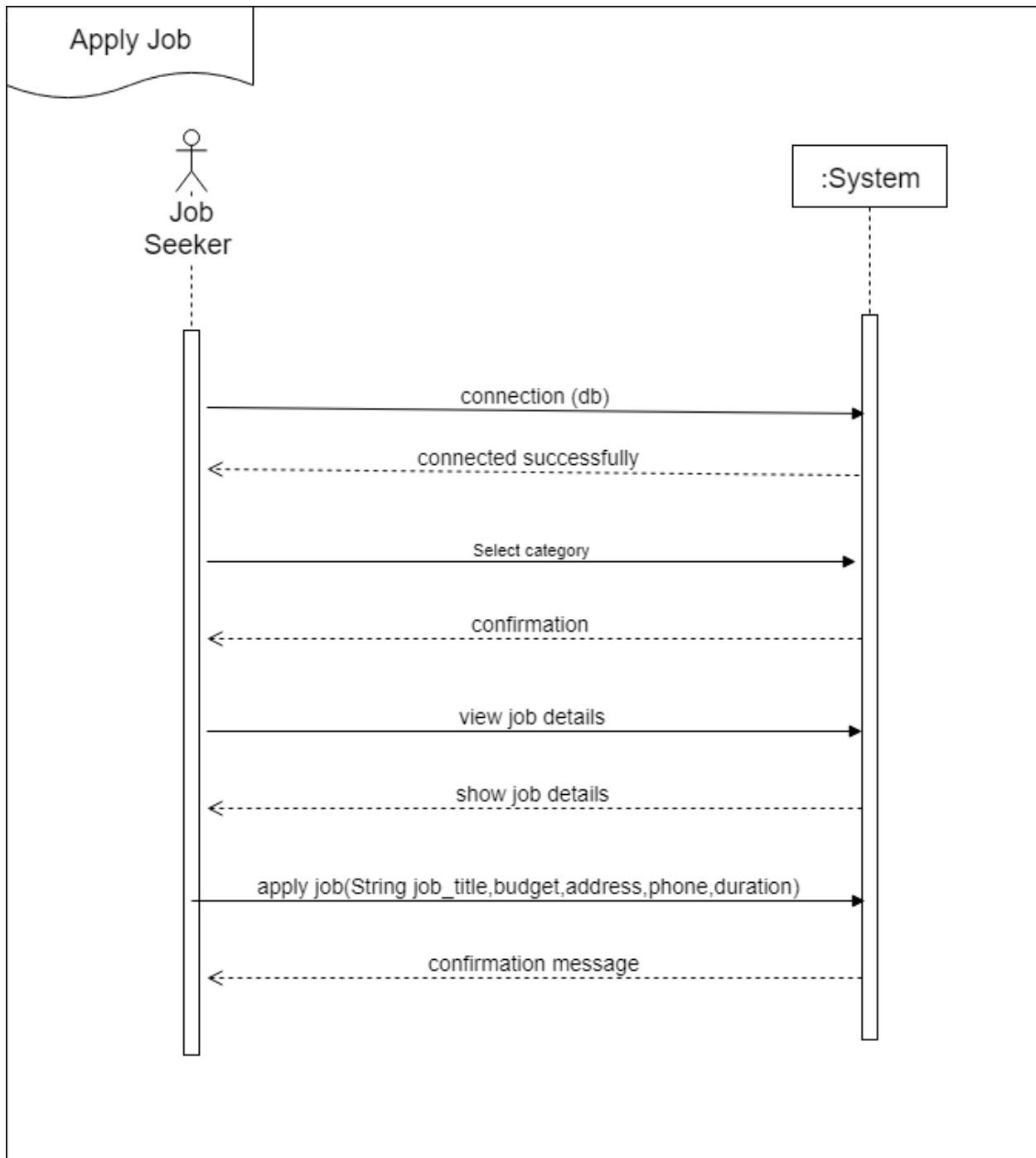**Figure 20: Post Job Sequence**

4.1.5 Apply Job Sequence

Figure 21: Apply Job Sequence
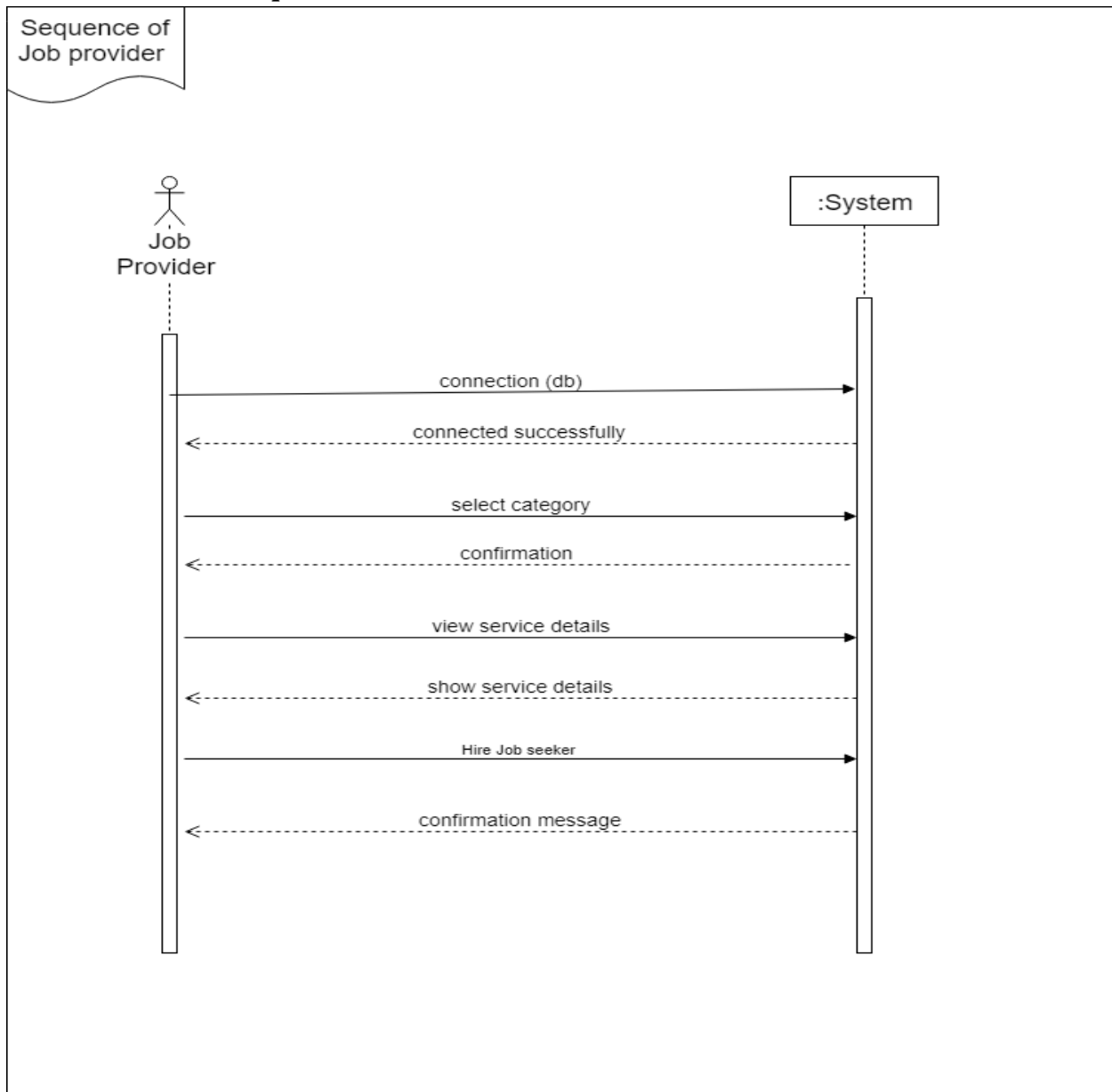
4.1.6 Job Provider Sequence

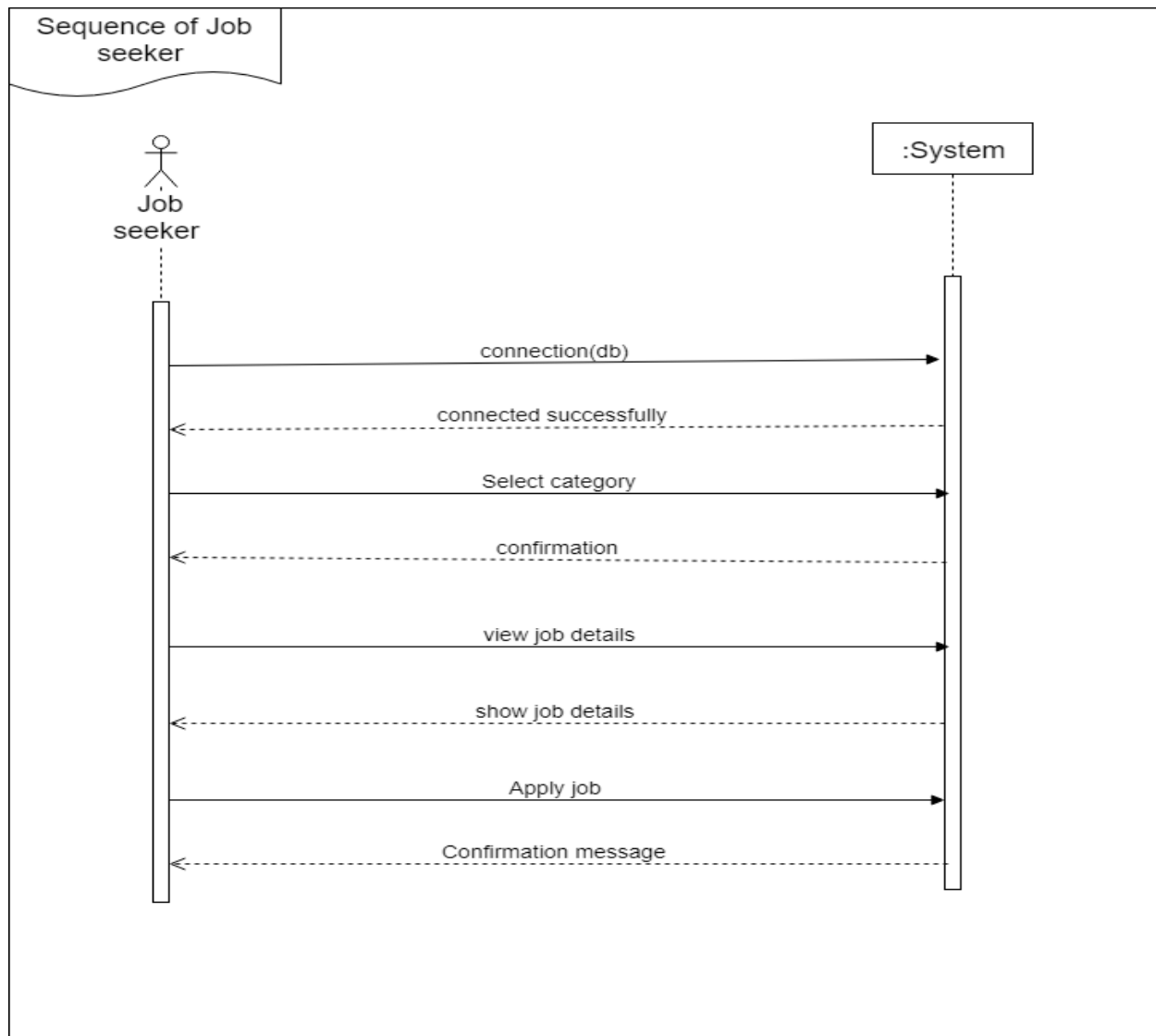**Figure 22: Job Provider Sequence**

4.1.7 Job Seeker Sequence
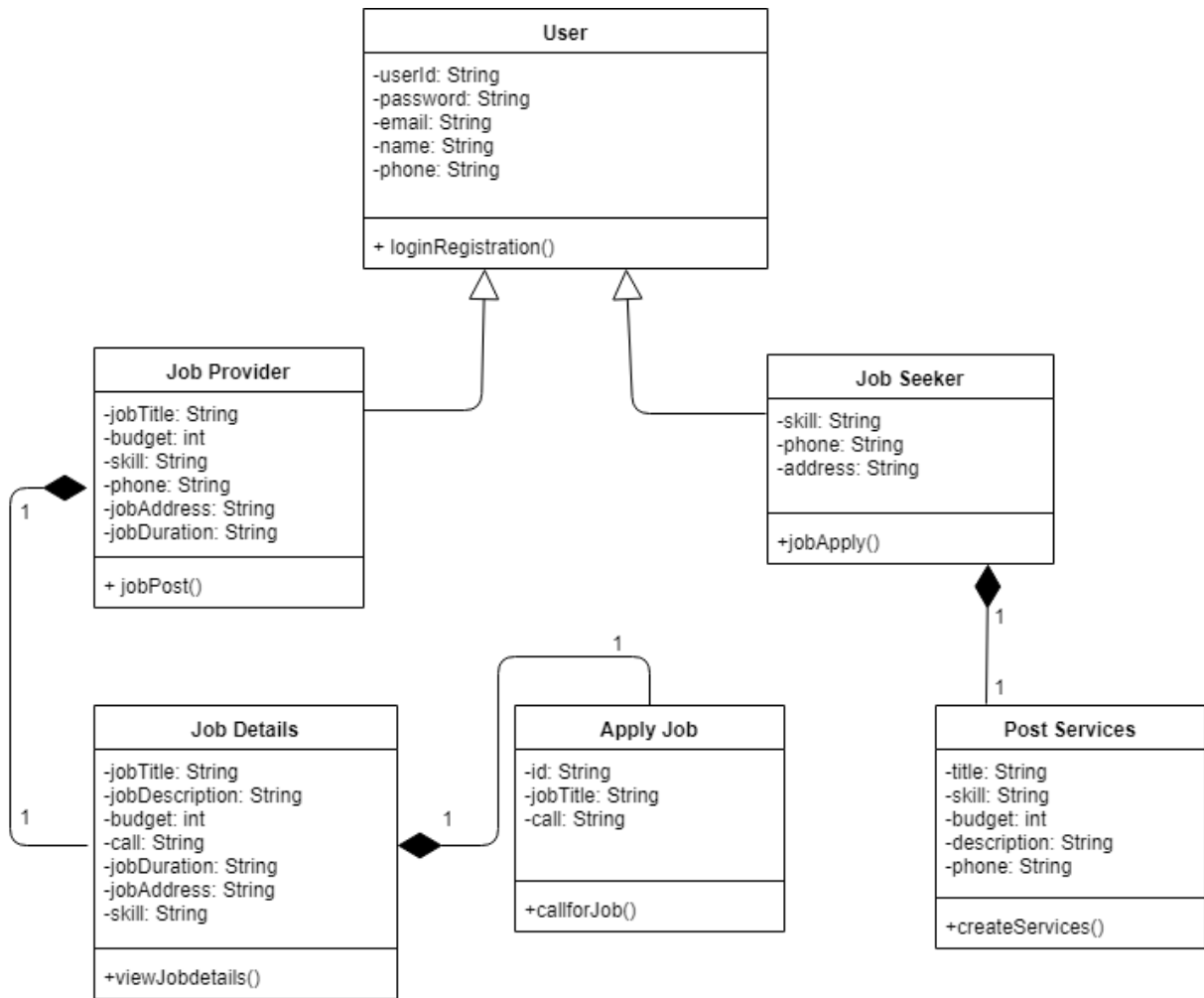

Figure 23: Job Seeker Sequence

4.2 CLASS DIAGRAM

Figure 24: Class Diagram

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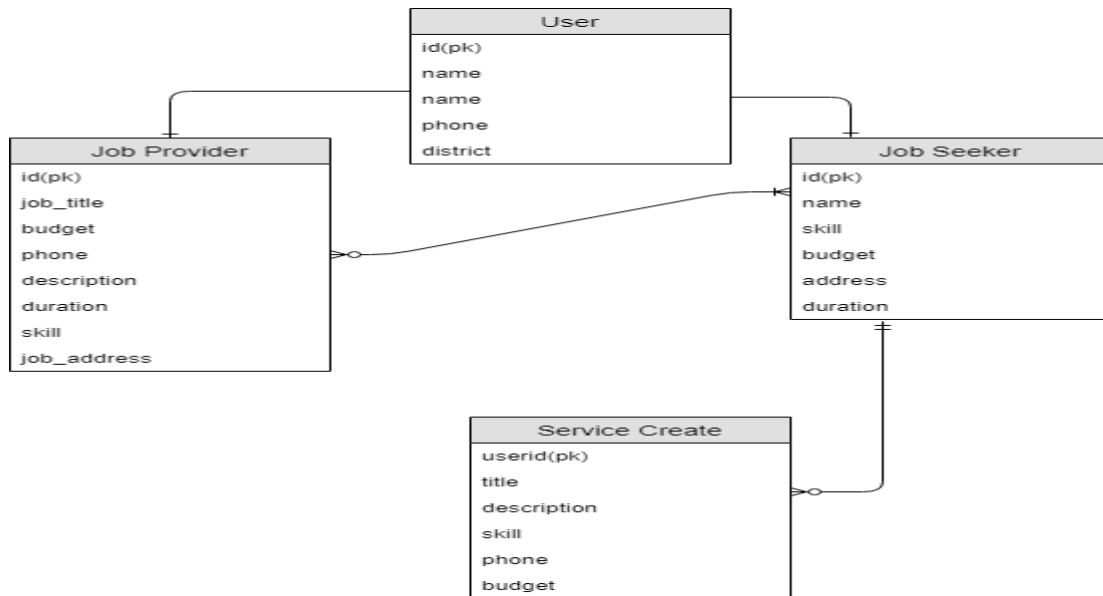## 4.3 DATABASE DESIGN DIAGRAM

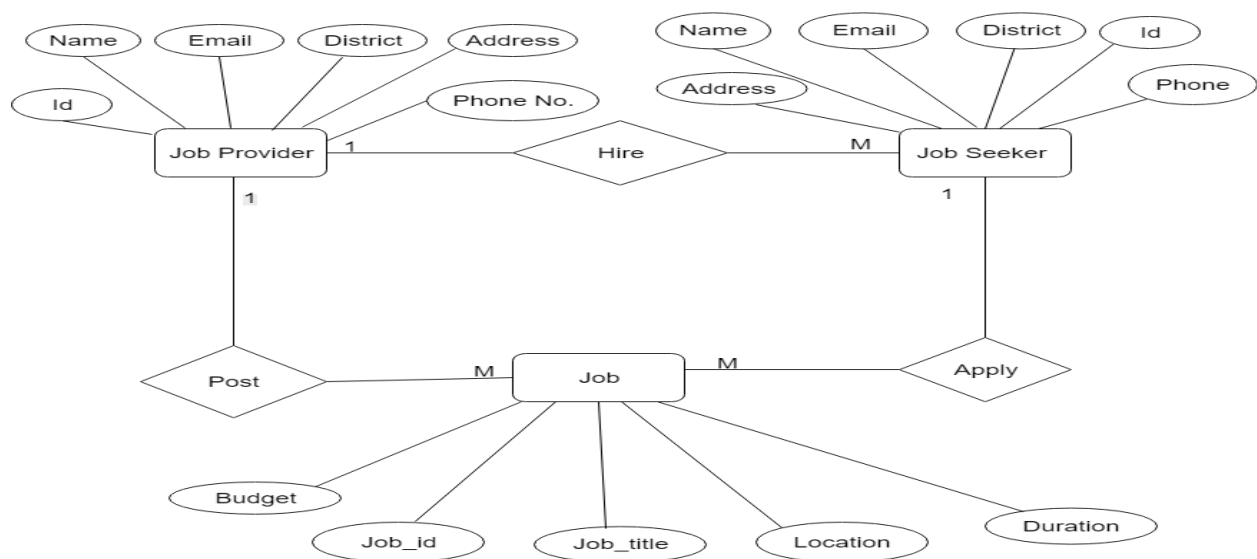**Figure 25: Database Design Diagram**

4.4 ER DIAGRAM

Figure: ER Diagram

Figure 26: ER Diagram

CHAPTERV: SYSTEM TESTING

5.1 TESTING FEATURES

5.1.1 Features to be tested

Table 29: Features to be tested

Featured Id	Featured Name	Description	Involved User
001	Registration	Check the user is already registered or not	App User
002	Log in	App user login system is working or not	App User
003	Create Job Service	Check the job seeker can create their service or not	Job Seeker
004	Job Details	Check the job details page is working or not	App User
005	Apply for job	Check the apply job feature is working or not	Job Seeker
006	Choose Category	Check the Choose Category option is working or not	Job Seeker
007	Job Post	Check the job post system is working or not	Job Provider
008	Synchronize data	Check the synchronization of data from server to mobile application is working or not	System
009	Screen Independence	Check the app UI is working fine in every screen resolution	System

5.1.2 Features not to be tested

Table 30: Features not to be tested

Featured Id	Featured Name	Description	Involved User
001	Data Retrieve Time	How fast The Application retrieve data from server	System

5.2 TESTINGSTRATEGIES

5.2.1 Test Approach

Test strategy explains how the system should be tested and gives a precise idea about test plan.The test date should be identified. Thetest result should be compared with expected outcome. Test plan is one of the most effective document that has been practiced almost all good software industry. If any project does not follow any test plan that will affect on software quality. As soon as the requirements have identified, the test plan should be written.The system should be tested with sample data to see if the outcome matches with expected outcome.

5.3 TESTING ENVIRONMENT (HARDWARE/SOFTWARE REQUIREMENTS)

Software: Android Studio
Hardware: Android Mobile Device

5.4 TEST CASES

5.4.1 Registration Module

Table 31: Registration Module

Id	Action	Input	Expected Result	Actual Result	Pass /Fail	Code Module
1	Registration	Email:example@gmail.com Password:1234	Toast message: Password should be minimum 6 digit. EX-(123456)	Registration failed	Pass	RegistrationActivity.Java
2	Registration	Email:example@gmail.com Password:123456	Registration Successful	Registration Complete you can log in now and see job post	Pass	RegistrationActivity.Java

5.4.2 Login Module

Table 32: Login Module

Id	Action	Input	Expected Result	Actual Result	Pass/Fail	Code Module

3	Login	Email: Valid email Password: Valid Password	Log in Successful	Log in Successful	Pass	MainActivity.Java
4	Login	Email: invalid email Password: invalid Password	Log in Unsuccessful	Log in Unsuccessful	Pass	MainActivity.Java
5	Login	Email: Valid email Password: invalid Password	Log in Unsuccessful	Log in Unsuccessful	Pass	MainActivity.Java

5.4.3 Post Job Module

Table 33: Post Job Module

Id	Action	Input	Expected Result	Actual Result	Pass/Fail	Code Module
6	Post Job	**Title**: Home Service **Budget**: 2k **Address**: Dhanmondi-32 **Job Start Date**: 11/28/2018 **Job End Date**: 05/12/2018 **Phone**:01755441132 **Description**: I Need Some Home Service	Job Posted Successfully	Job Posted Successfully	Pass	MainActivity.Java
7	Post Job	**Title**: Home Service **Budget**: 2k **Address**: Dhanmondi-32 **Job Start Date**: 11/28/2018 **Job End Date**: 05/12/2018 **Phone**: invalid phone number **Description**: I Need Some Home Service	Job Posted Successfully	Job Posted Successfully	Fail	MainActivity.Java

5.4.4 Apply Job Module

Id	Action	Input	Expected Result	Actual Result	Pass/ Fail	Code Module
8	Apply Job	**Title**: Home Service **Budget**: 25k **Job Start Date**: 11/20/2018 **Job End Date**: 15/12/2018 **Phone**: valid phone number **Description**: I Need Some Home Service	Job Applied Successfully	Job Applied Successfully	Pass	JobDetails Activity.Java

5.5 Testing Deliverables

5.5.1 Project Status Report

Test Case Design	Test Case Executed	Test Case Pass	Test Case Fail
9	9	8	1

CHAPTERVI: USER MANUAL

6.1 USER REGISTRATION PAGE

Please provide a valid email and password to get registered into this application. The minimum length of your password should be minimum 6 digits.

Figure 27: User Registration Interface

6.2 USER LOGIN PAGE

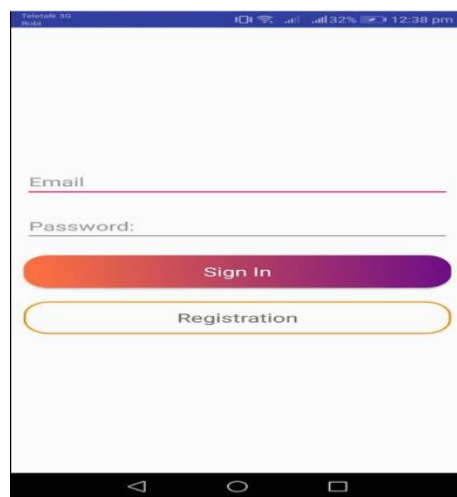Please put your registered email and password to login into this application.

Figure: 6.2 User login Interface

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6.3 USER PROFILE PAGE

After registering , you need to update your profile. Please provide your name, phone no, district and address to update your profile.

Figure 28: User Profile Page

6.4 HOME PAGE

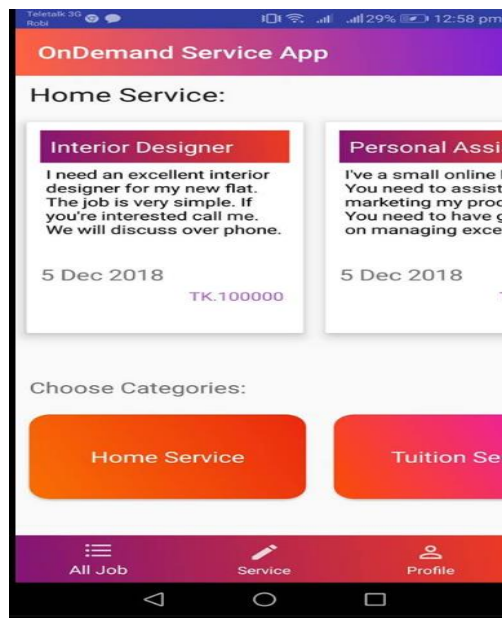This is the home page of our application. The available jobs will be showing at the home page.

Figure 29: Home Page

6.5 PAGE FOR SERVICES
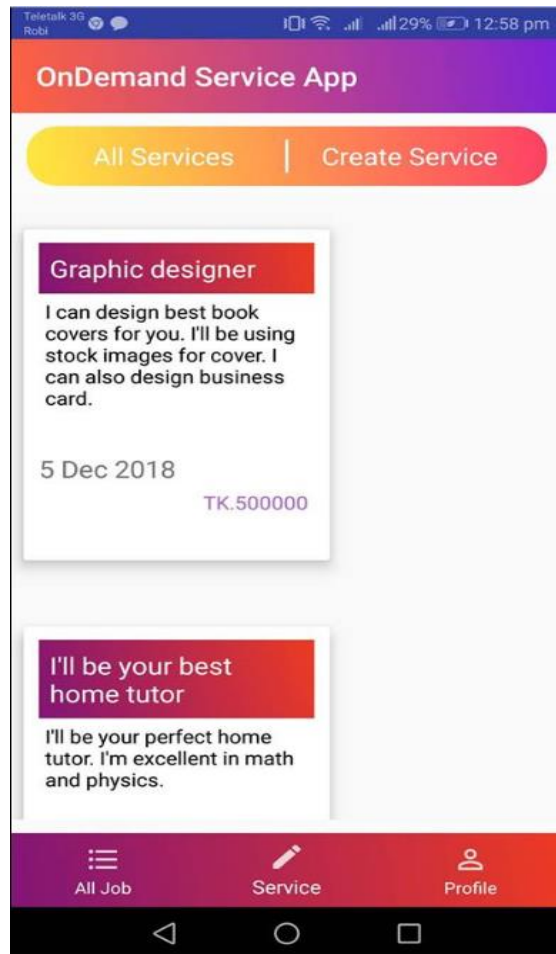
Job seeker can see the services post that they already made.

Figure 30: Page for creating services

6.6 PAGE FOR CREATING SERVICES

Job seeker can create services that he/she want to provide.

Figure 31: Page for creating services

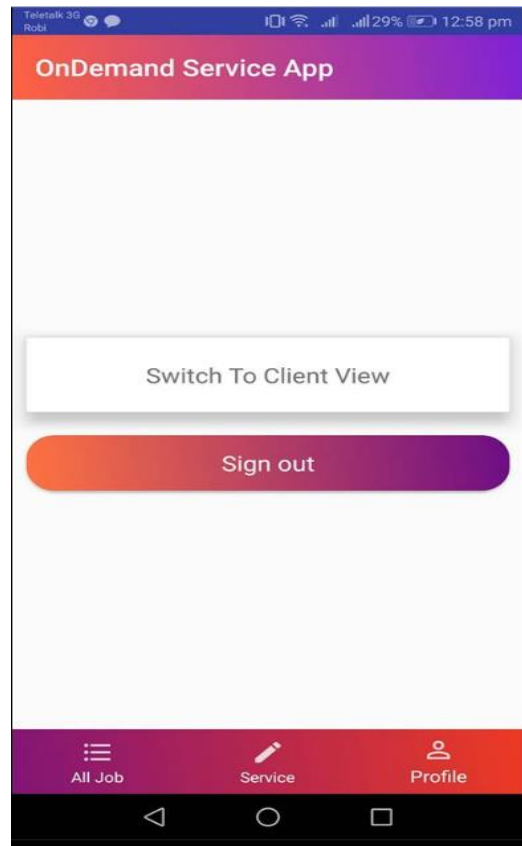## 6.7 SWITCH INTO JOB PROVIDER VIEW

User can swtich into job provider view.

Figure 32: Switch into Job Provider View

6.8 VIEW JOB POST

User can see the available jobs.

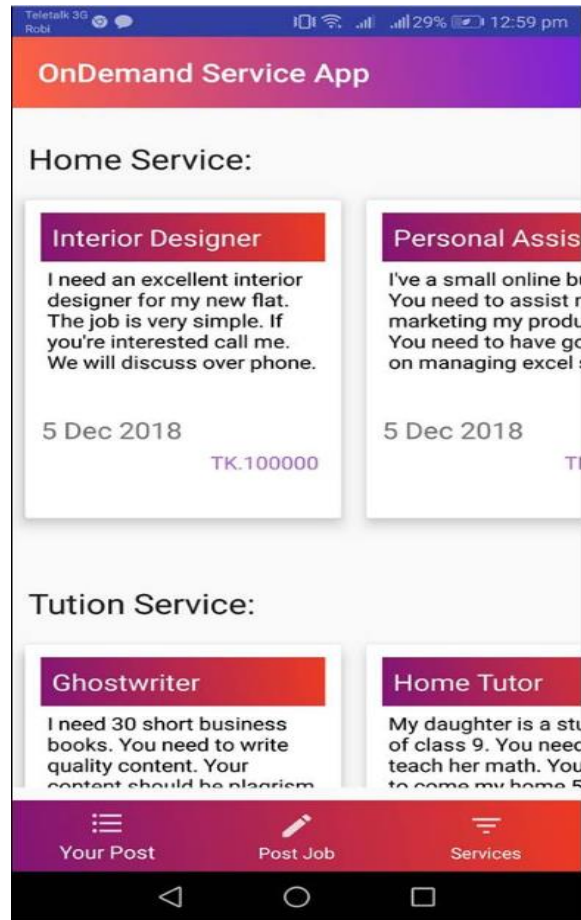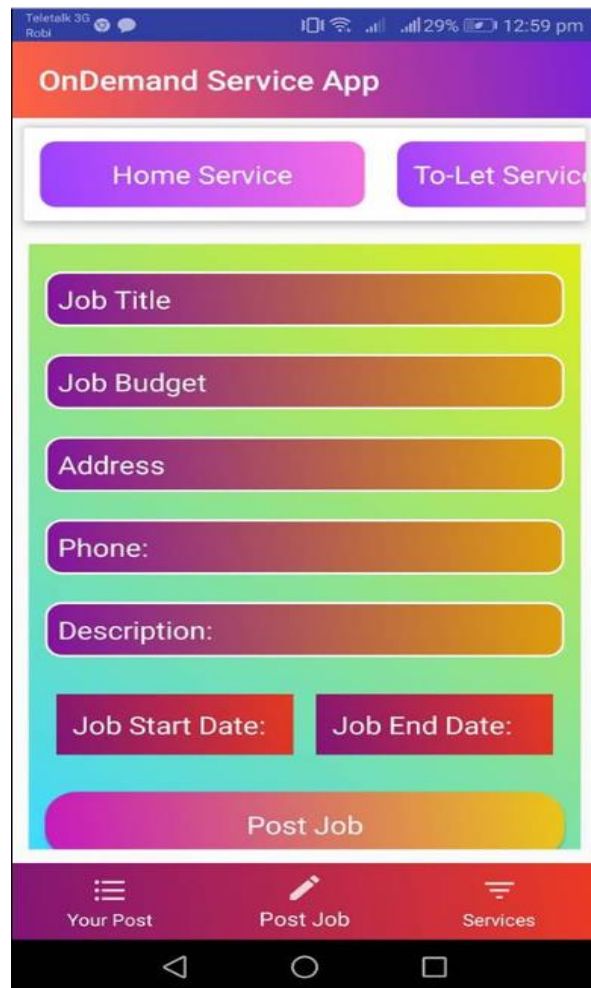**Figure 33: View Job Post**

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6.9 CREATE JOB

Job provider can post job with details such as job title, job budget,address,description,duration etc.

Figure 34: Create Job

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6.10 VIEW SERVICE POST

Job provider can see the services post that job seekers made.
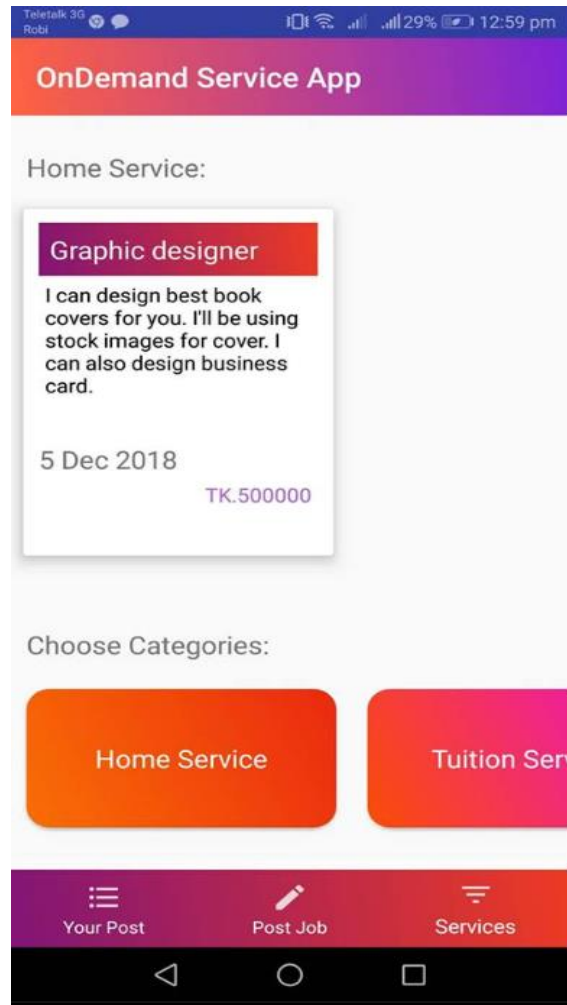
Figure 35: View Service Post

CHAPTER VII: PROJET SUMMARY

7.1 GITHUB LINK:

https://github.com/Mazahul29/OnDemandFinalProject

https://github.com/Yazdani1/OnDemandFinalProject

7.2 CRITICAL EVOLUTION:

This application will be introducing an effective platform for jobs especially part-time jobs. It will create an effective communication system between job seeker and job provider. If someone has skills and want to have a job he/she just need to login into our application and apply for the appropriate jobs. At our country getting reliable services is one of the toughest jobs. By using our application one can easily hire a professional employee without any hassle. This will bring a good impact in our job environment. However there are some local organizations who are working on this sector such as

- ➢ bdjobs.com Limited
- ➢ Sheba. Xyz
- ➢ HandyMama

bdjobs.com Limited:

Bdjobs.com Ltd. is one of the most popular and reliable online source for job opportunities. People can search job on this site according to their skills. The best thing in this site is they always keep updating their information. This organization is helping to reduce the unemployment and providing better communication system with Jobseeker and companies. This type of organization should be appreciated because they are trying hard to make a positive change at our job system.

http://www.bdjobs.com/

Sheba.xyz:

SHEBA.XYZ is one of the best site for getting reliable services. If you need any services you just need to inform that to the Sheba authorities. They will help you to get your desired services with reasonable price. It helps to reduce hassles that we meet when try to get a service.

https ://www.sheba. xyz /

HandyMama:

HandyMama is an on-demand Maintenance and Handyman Services Platform for households and businesses. HandyMama connects users with reliable service professionals like Electrician, Plumber, Cleaner, Painter, Carpenter and many more from the neighborhood and ensures an end-to-end customer support with standardized pricing and service quality.

http://handymama.co

The differences with the local organizations and my applications are:

User Friendly: In our application both job seeker and job provider can communicate directly before starting the job. Job provider can browse the job seeker list and can pick the right employee.

More job opportunity:"Sheba" provides service only by their employees. So general user does not have an opportunity to apply for the job and make some money.

Getting services on demand: Bdjobs does not have enough opportunities for part-time jobs. It is not possible to get an employee on demand.

Maintenance and usage of the system will be easy as the documentation and user manual of the system will be available to the users. Also there will be a room for enhancement as this was considered during development.

7.3 LIMITATIONS
- There is no website for our system.
- Online payment gateway has not implemented yet.
- Job seeker and job provider cannot chat in online.
- There is no any offline storage system in our application
- iOS version has not done yet.

7.4 OBSTACLES & ACHIEVEMENTS

Obstacles:
- We had made a small survey on our job environment.
- We had to talk with university going students who are seeking for part-time jobs.

Achievements:
- Our system will play an effective role to change our job environment in a positive way.
- It will help to reduce unemployment.
- It will create more opportunities for part-time jobs.
- It will help to get any services on demand.
- It will make better platform where job seeker and job provider can have a better communication system.

7.5 FUTURE SCOPE

On Demand Service application will help people to get a job very easily especially part-time job. By using our application one can get his/her desired services. It will help to reduce unemployment. Skillful job seeker will get a job without any hassle. On the other hand people will get reliable services at a reasonable cost.

There is no online payment system in our application. Job provider can not pay to job seeker by using our system. We have a plan to implement that. So that job provider can make the payment through our system.

There is no online chat option where job seeker and job provider can talk with each other. For having any discussion they have to call each other. We will be implementing that. Job seeker and job provider will be able to talk with each other by using our application.

There is no feedback system in our application. We will be implementing that very soon. So that both job provider and job seeker can leave their valuable feedback.

CHAPTERVIII: REFERENCES

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