



Easy Work

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A project submitted in partial fulfillment of the requirements for the degree of
BSc in Software Engineering

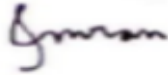
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APPROVAL

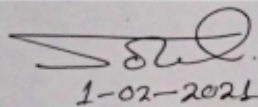
This Project titled “Easy Work”, submitted by Md. Marufur Rahman to the Department of Software Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the wants for the degree of B.Sc. in Software Engineering and approved on its style and contents.

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DECLARATION

I hereby declare that I even have taken this project under the supervision of Ms. Syeda Sumbul Hossain Lecturer, Department of Software Engineering, Daffodil International University. I also announce that I even have submitted neither this project nor any a part of it for award of any degree.

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ABSTRACT

The “Easy Work” may be a web-based project which will help the overall people for the sake of searching hire “Working People/Job”. As our country each moment there's a crisis to find proper worker/job. My system will help a daily based worker or project type worker to seek out his/her desired job and therefore the other hand it's helps clients to seek out working people easily. If he/she wants to contact the working people, he/she can easily get the knowledge through the system by login. On the opposite hand, working people find their job and may apply there on job.

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List of Abbreviations

DIU = Daffodil International University

SWE = Software Engineering Department

CHAPTER 1

INTRODUCTION

1.1 Project Overview

“Easy Work” is a web based project. Through, this system Client easily can find worker for he/she’s needed. Client is needed to log in the system for getting the worker contact information. He/she can feedback on worker’s profile. He/she can have given job post easily by category and he/she will see the list who are apply for this job. On the other hand, worker finds job nearby easily and can apply for this job. After logging in the system worker can update his/she’s profile. Admin can add or delete “Location”, “Job Category”. He/she can have approved or unapproved the client and worker account. Admin can have approved Client Job post or delete. Admin can also manage the feedback on worker’s profile given by the client. This is a media to find a worker nearby easily

1.2 Project Purpose

Usually, we don’t find easily specific worker to solve our daily basis problem. The system that will help the general people for the sake of searching hire “Worker/Job”. As our country each moment there's a crisis to find to hire proper worker/job. My system will help a worker to find his/her desired job which is given by the client and client easily find the worker for his work. If he/she wants to contact the worker, he/she can easily get the contact information through the system by logging and worker can apply that job easily. The system will easily solve the problem client and worker.

1.2.1 Background

Previously I have stated that our country each moment there's a crisis to find to hire proper worker/job. I will not deny that there is no other source for hire worker. Of course there is, but I mean to say there is not a proper source/system to find worker. The client still asks to caretaker to find worker for his needed. On the other hand, the worker searching a job nearby people, which seems unreasonable to me. Because now a day, everything in under the internet. So, I think Easy Work system is a platform that can remove the all hassles and will be a proper website for the general people.

1.2.2 Benefits and Beneficiaries

My proposed project is “Easy Work” System that will help the general people for searching worker/job. As my system will not only solve one specific problem, it is also effective in solving many problems at the same time so I think my system involves a lot of people at the same time.

- My system will help a client to find his/her desired worker nearby easily. If he/she wants to contact with the worker, he/she can easily get the information through the system by logging.
- My system will help a worker to find his/her desired job nearby.
- My project will provide info to the users giving to their searching location.
- If Users wants to maintain his/her budget, he/she can also search Job/Worker according to his/her budget. That’s mean it also can solve the budget issue.
- Guest
- Client
- Worker
- Admin

1.2.3 Goals

Usually, we don’t find easily specific worker/job to solve our daily basis problem. This is a best media to find a worker/Job nearby easily. It also can solve the budget problem.

1.3 Stakeholders

In my project, I have defined four stakeholders.

- Admin
- Client
- Worker
- Guest

1.2.1 Admin

The whole system will be managed by Admin. He has the access to the all posts which is submitted by Client. He has the authority do delete posts or approved. In a word, he/she is all in all in the system.

1.2.2 Client

He/she can give job post, see the worker profile and can get contact info about worker by logging in the system.

1.2.3 Worker

He/she can see the job post those given by client. He/she can apply those jobs and update his/her profile.

1.2.4 Guest User

In my project general user can see job post and worker profile. But they can't get contact info without logging in the system.

1.4 Release Plan

After development, this web application “Easy Work” will be launched on February, 2021.

CHAPTER 2

SOFTWARE REQUIREMENT SPECIFICATION

2.1 Functional Requirements

A functional requirement describes a system or its component. It defines the functions which must be done by the system. It helps to capture the intended performance of the system. Without functional requirements a system are going to be considered as useless. So, I'm getting to discuss the functional requirements for my project.

Table 2.1: Functional Requirements

RQ ID	FQR	Description	Functional/NF	Priority
RQ 01	Sign up	Worker, client can register new account	FR	High
RQ 02	Sign in	Admin, worker, client can sign in	FR	High
RQ 03	Manage Client & Worker	Admin can manage Clients & Worker	FR	Medium
RQ 04	Manage Location	Admin can add or delete location	FR	Medium
RQ 05	Manage Service Category	Admin can add or delete service category	FR	Medium
RQ 06	Manage Jobs	Admin can approve or delete jobs	FR	Medium
RQ 07	Update Profile	Worker can update his profile	FR	Medium
RQ 08	Apply in jobs	Worker can see all jobs by filtering and can apply	FR	Medium
RQ 09	Add Job	Client can add jobs	FR	Medium

RQ 10	See all worker Profile	Client can see all type of worker profile	FR	Medium
RQ 11	Contact with worker	Client can contact with worker by logging	FR	Medium
RQ 12	See all Applicant	Client see all applicant who request for work	FR	Medium
FR 13	Log Out	Admin, worker, client can log out	FR	High
FR 14	Recover Password	Worker, client can recover their password using email	FR	High

2.2 Non-Functional Requirement

Here I discuss about my project non-functional requirements.

Table 2.2: Non-Functional Requirements

ID	Name	Description	Non-Functional Requirement	Priority
NFR-01	Security	Every actor must enter in system with authentic information	Non-Functional	High
NFR-02	Availability	The system should work 24/7 as user can get access and service.	Non-Functional	High
NFR-03	Accuracy	Data or process requirement concerned with defining the precision which the solution will record or produce data.	Non-Functional	High
NFR-04	Maintenance	It's way how easy to support, change and enhance the system.	Non-Functional	Medium
NFR-05	Data Capacity	This system need to handle of data.	Non-Functional	Low

2.3 Data Requirements

To achieve the model objectives, data requirements prescribed within the scope and level of detail is required. the specified data to create the model are often understood by gathering system data. it's a far better choice to gather specific system data rather than general system data during this regard.

However, data requirements are required as a prerequisite to live data quality. Hence, they function a benchmark that defines the specified state of knowledge. An overall process flow also can help building the model by providing more detailed information.

2.4 Performance Requirements

Performance requirements defines how well the system performs under the specified condition. It is often justified by measuring speed of response, throughput, execution time and storage capacity etc.

2.4.1 Speed and Latency Requirements

In some cases, the legal requirements will dictate the reaction time. User satisfaction is essentially hooked in to reaction time during a system. If the system takes quite 10 seconds to load, it'll be possibility to avoid the system by the users.

2.4.2 Accuracy Requirements

Always should show the accurate result for all users. it's not accepted to point out any wrong information.

2.4.3 Capacity Requirements

The system should be capable of supporting a particular number of users and a particular number of interactions. It shouldn't get crushed easily.

2.5 Dependability Requirements

Dependability may be a measure of a system's services to the users. it's supported five criteria. They are

- Reliability
- Availability
- Maintainability
- Durability
- Safety and Security

2.5.1 Reliability Requirements

All the knowledge providing by the system must be reliable for the Admin, Client, Worker, Guest

2.5.2 Availability Requirements

The system must be available 24/7. It must be ready to deliver services to the user when requested.

2.5.3 The system should provide the upkeep issue to the user by Admin

2.6 Security System Requirements

System security is one among the foremost important requirements. For the lacking of security service, the info might be manipulated. The system can face cyber-attack like denial of service attack. Some security related categories are

- Permission to Access data
- Verification
- Security Information
- Security Policies

2.6.1 Access Requirements

To reduce unauthorized access, there need to be some techniques. They are

- Strong Access Control Measure
- Maintain an Information Security Policy
- Monitor and Test Networks Regularly
- Build and Maintain a Security Network

2.6.2 Integrity Requirements

Ensure that data and communication aren't intentionally corrupted via unauthorized creation, deletion and modification. Use hash or crypt value for sensitive data.

2.6.3 Privacy Requirements

Privacy requirements are mostly needed for the system. Which user has access to which sort of knowledge should be defined clearly. For doing this the system are often secured.

2.7 Usability and Human-Interaction Requirements

User experience is one among the foremost important factors to any system. When anyone or any company develops any system, they struggle to form the system easier. That's why the system must be easy to use, easy to know and straightforward to find out .

2.7.1 Ease of Use Requirements

The system is extremely easy to use and straightforward to know. there's no long process to finish a task. User can complete any task with only a couple of steps

EUR01	The system must be usable for all type of users		
Description	The system should be usable for the Client, Admin and worker. The Guest user can also able to use the system.		
Stakeholders	Admin, Client, Worker, Guest	Priority	High

2.7.2 Understand Ability and Politeness Requirements

The system is often employed by all kinds of individuals. The system won't use any term that's not laid out in this web application

2.7.3 Accessibility Requirements

The system is extremely user friendly. it's easy to use and understand for the users. There are not any access requirements besides people who has been outline within the below:

AR ID	AR Name
AR01	Login as Admin
AR02	Login as Client
AR03	Login as Worker
AR04	Logout as Admin
AR05	Logout as Client
AR06	Logout as Worker

2.7.3 User Documentation Requirements

User feedback are going to be taken and analyzed properly to know and fulfil their expectations. the wants are going to be added to the system after proper analyzation.

2.7.4 Training Requirements

A simple user manual are going to be provided to the user for training purposes. The system is basically easy to know so extensive training isn't required.

2.8 Look and Feel Requirements

User will feel bored to seem at an uneventful interface. Look and feel requirements provide information on how the system will appear as if and the way the interface or graphical interface of the system will display to the user.

2.8.1 Appearance Requirements

LFR01	Mandatory input fields must have visible marking		
Description	If there is any mandatory input field in any form, the field must have visible marking for the user.		
Stakeholders	Client , Worker, Admin	Priority	High

2.8.2 Style Requirements

LFR02	All content must appear within the same format		
Description	Input field and other view results must be shown in a specific format.		
Stakeholders	Owner, Tenant, Admin, Guest	Priority	Medium

2.9 Operational and Environmental Requirements

This requirement focuses on how the users operate the system, include in interfaces and interoperability with other systems. the need established how the system can perform under conditions.

2.9.1 Expected Physical Requirements

There are not any specific expected physical requirements.

2.9.2 The Requirements for Interfacing Adjacent System

There's no specific interface with adjacent system requirements.

2.10 Legal Requirements

Legal requirements are the principles and regulations set by any organization.

2.11 Compliance Requirements

There are not any specific compliance requirements.

CHAPTER-03

SYSTEM ANALYSIS

It is a process of collecting and interpreting facts, identifying the issues, and decomposition of a system into its components.

System analysis is conducted for the aim of studying a system or its parts so as to spot its objectives. it's a drag solving technique that improves the system and ensures that each one the components of the system work efficiently to accomplish their purpose.

Analysis requires what the system should do.

3.1 Use Case Diagram

A use case diagram may be a representation of a user's interaction with the system that shows the connection between the user and therefore the different use cases during which the user is involved.

3.1.1 Use Case Diagram for Admin

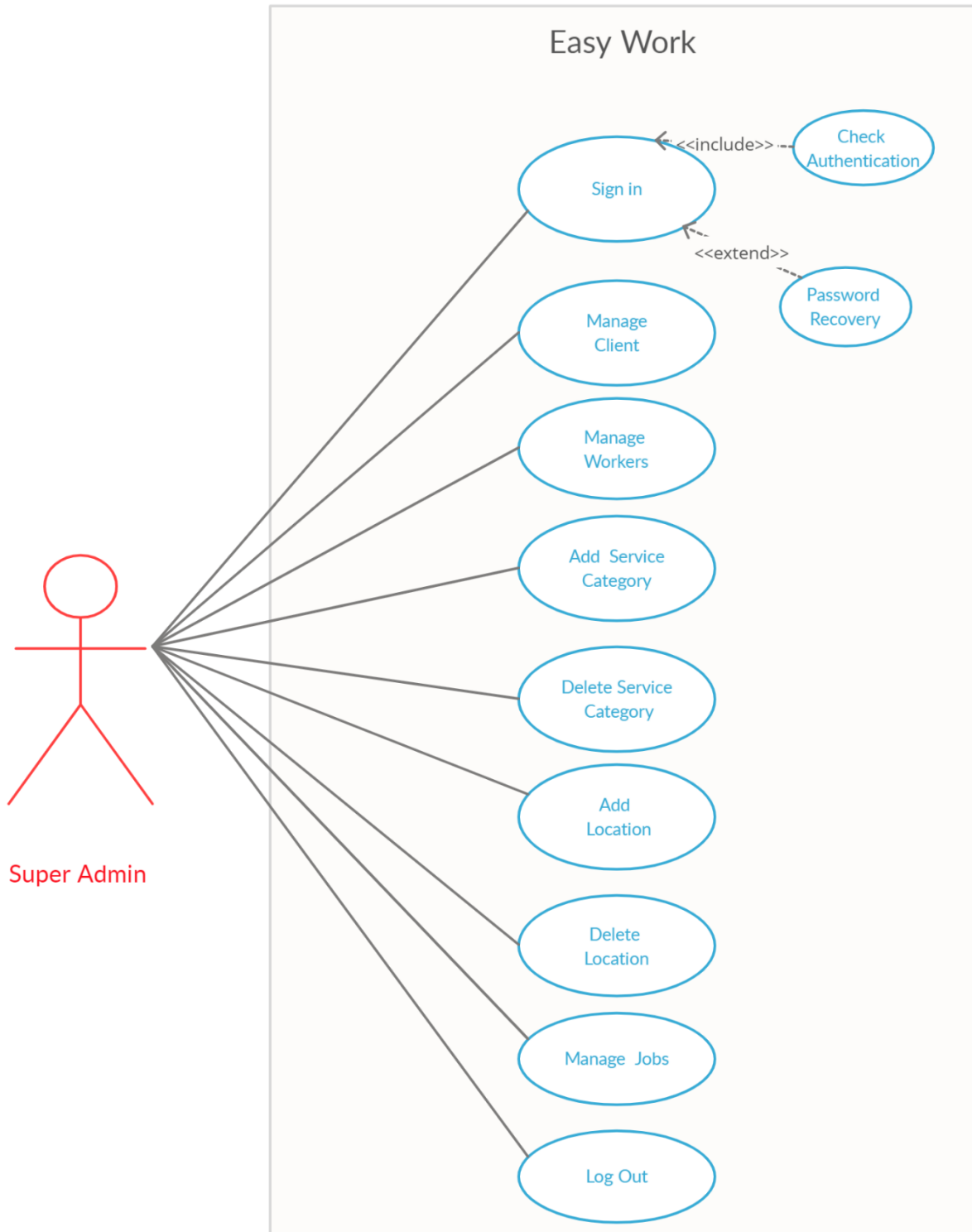


Figure 3.1: Use case diagram for Admin

3.1.2 Use Case Diagram for Client

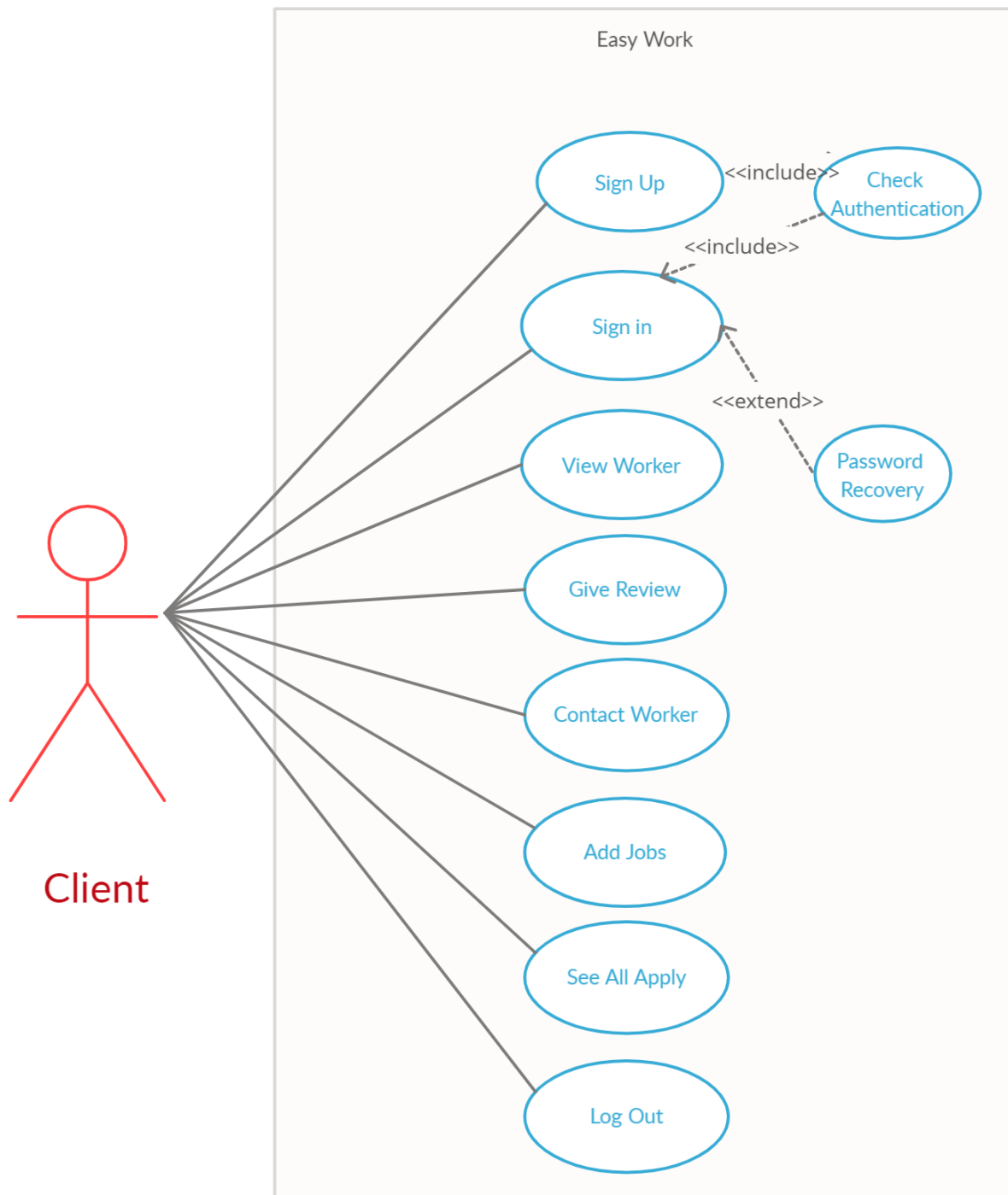


Figure 3.2: Use case diagram for Client

3.1.3 Use Case Diagram for Worker

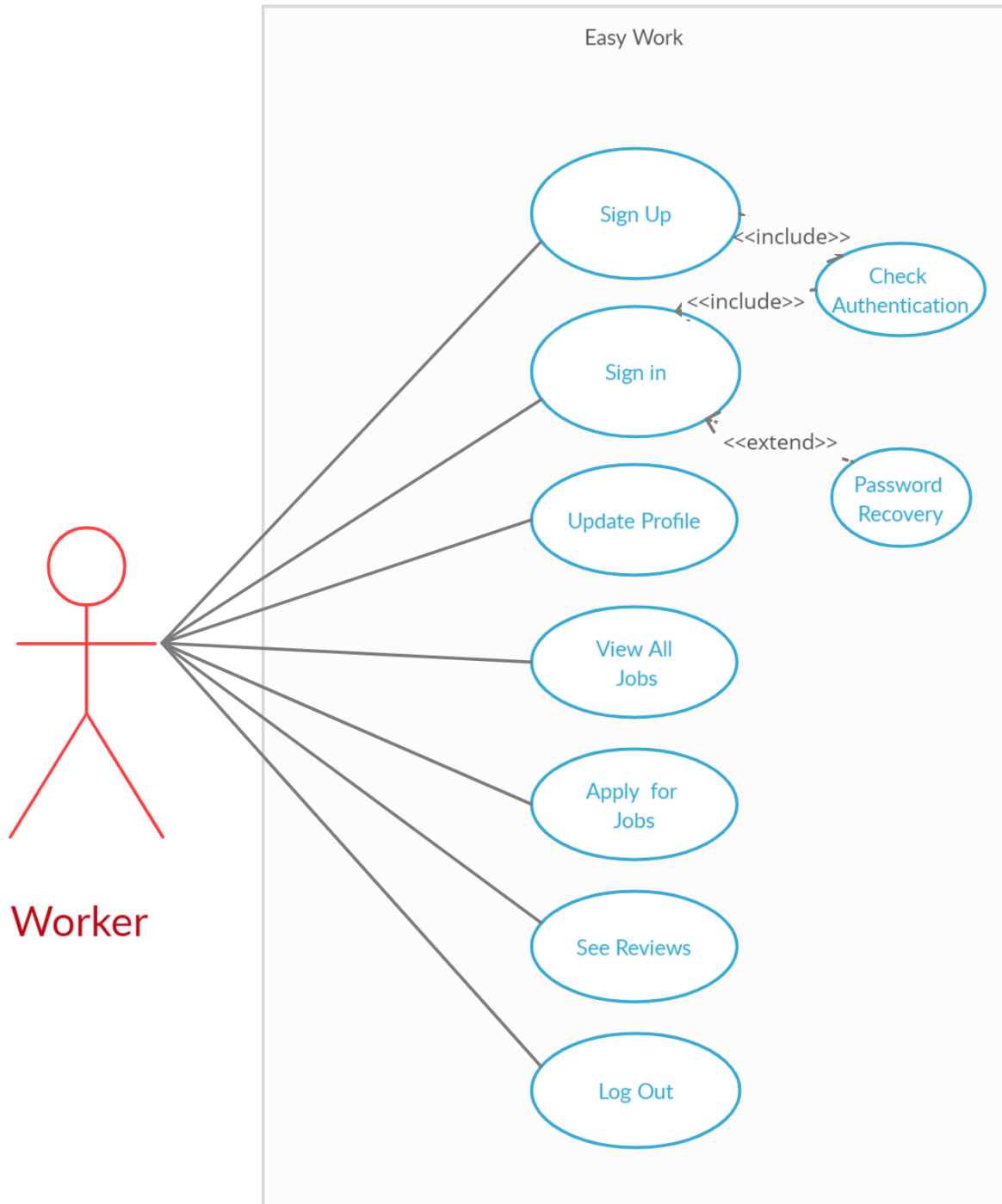


Figure 3.3: Use case diagram for Worker

3.1.4 Use Case diagram for Guest

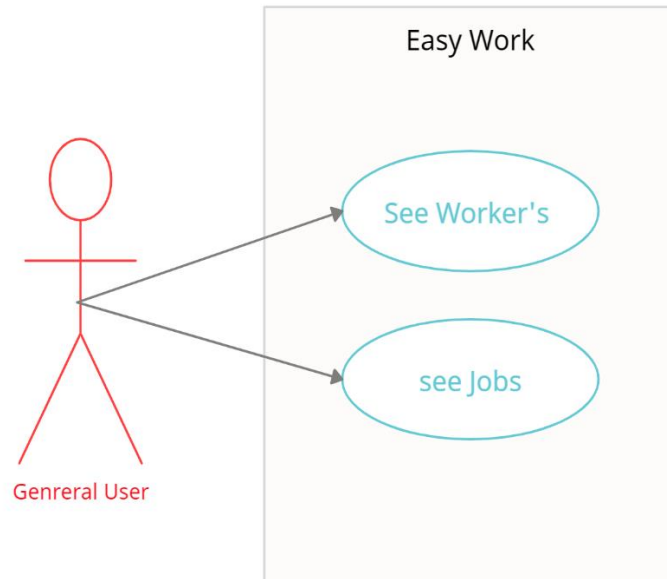


Figure 3.4: Use case diagram for Guest

3.2 Use Case Description

3.2.1 Registration

Use Case	New account registration for Users	
Goal	Users can create an account successfully	
Precondition	N/A	
Success End Condition	New account is created	
Failed End Condition	Already have an account with the given email address	
Primary Actor	Admin, Client, Worker	
Secondary Actor	N/A	
Trigger	Click on the “Register” button	
Description / Main Success Scenario	Step	Action
	1	System will displays the Registration page
	2	Users fill-up the required fields
	3	Users clicks on the “Register” button
	4	Users has registered an account successfully
Alternative Flows	Step	Branching Action
	1	Mandatory / required input fields are not filled in
	2	Cannot access the system
Quality Requirements	Step	Requirements
	1	N/A

3.2.2 Login

Use Case	Login for registered users	
Goal	Registered users can login successfully	
Precondition	Registration successfully	
Success End Condition	Access to users' Dashboard	
Failed End Condition	Failed to login	
Primary Actor	Admin, Client, Worker	
Secondary Actor	N/A	
Trigger	Click on the "Login" button	
Description / Main Success Scenario	Step	Action
	1	System will displays the Login page
	2	It is mandatory to fill-up the login page with correct information
	3	Users clicks on the "Login" button
	4	Users has logged in successfully
Alternative Flows	Step	Branching Action
	1	Mandatory / required input fields are not filled with correct information
	2	Cannot access the system
Quality Requirements	Step	Requirements
	1	N/A

3.2.3 Select User-role

Use Case	Select User-role for Users	
Goal	Users can select role successfully	
Precondition	N/A	
Success End Condition	Users identity is created successfully	
Failed End Condition	Already selected the same role with same email.	
Primary Actor	Admin, Client, Worker	
Secondary Actor	N/A	
Trigger	Select on the “User-role” button	
Description / Main Success Scenario	Step	Action
	1	System will displays the Registration page
	2	Users fill-up the required fields with selecting user-role module
	3	Users select the user-role option
	4	Users has gained his/her required role successfully
Alternative Flows	Step	Branching Action
	3a	User-role doesn't select
	4a	Cannot access the system
Quality Requirements	Step	Requirements
	1	N/A

3.2.4 Create Job Post

Use Case	Create Property Post	
Goal	Users can create a Job post successfully	
Precondition	Should be registered as Client user	
Success End Condition	Create Job post properly	
Failed End Condition	Failed to create property post	
Primary Actor	Client	
Secondary Actor	N/A	
Trigger	Click on the “Submit” button	
Description / Main Success Scenario	Step	Action
	1	System will displays the “Job create” page
	2	Users fill-up the required fields
	3	Users clicks on the “Submit” button
	4	Users has created a Job post successfully
Alternative Flows	Step	Branching Action
	3a	Mandatory / required input fields are not filled in
	4a	Cannot create Job post
Quality Requirements	Step	Requirements
	1	N/A

3.2.5 View Worker Info

Use Case	View Worker Info	
Goal	Users can View Worker info successfully	
Precondition	Should be registered user	
	Property Post must be created by Owner	
Success End Condition	View Property Post Successfully	
Failed End Condition	Failed to see the Property Post	
Primary Actor	Admin, Client, Worker, Guest	
Secondary Actor	N/A	
Trigger	Click on the “Worker list” button	
Description / Main Success Scenario	Step	Action
	1	System will displays the Dashboard page
	2	Users clicks on the “Worker List” button
	3	Users can see the Worker List successfully
Alternative Flows	Step	Branching Action
	1	The system is failed to show Property Post
Quality Requirements	Step	Requirements
	1	N/A

3.2.6 View Worker Contacts

Use Case	View worker Contact	
Goal	Client can show worker contact successfully	
Precondition	Should be registered user as Client	
Success End Condition	Worker contact Successfully	
Failed End Condition	Failed to see the Contact	
Primary Actor	Client	
Secondary Actor	N/A	
Trigger	Click on the “Contact” button	
Description / Main Success Scenario	Step	Action
	1	System will display the Dashboard page
	2	Users clicks on the “Contact” button
	3	Users can see the Worker contact successfully
Alternative Flows	Step	Branching Action
	1	The system is failed to show worker Contact
Quality Requirements	Step	Requirements
	1	N/A

3.2.7 Give Review on worker Profile

Use Case	Give Review	
Goal	Client give Review on worker Profile	
Precondition	Should be registered user as Client	
Success End Condition	Give Review on worker Profile Successfully	
Failed End Condition	Failed to give review	
Primary Actor	Client	
Secondary Actor	N/A	
Trigger	Click on the “Review” button	
Description / Main Success Scenario	Step	Action
	1	System will display the Dashboard page
	2	Users clicks on the “Review” button
	3	Client give a review successfully
Alternative Flows	Step	Branching Action
	1	The system is failed to give review
Quality Requirements	Step	Requirements
	1	N/A

3.2.8 Delete Job Post

Use Case	Delete Job Post	
Goal	Users can delete a post successfully if it seems unnecessary	
Precondition	Should be registered users as client	
	Job post must be created by Client	
Success End Condition	Successfully deleting post	
Failed End Condition	Failed to delete	
Primary Actor	Client	
Secondary Actor	Admin	
Trigger	Click on the “Delete” button	
Description / Main Success Scenario	Step	Action
	1	System will display the Property Post page
	2	Users clicks on the “Delete” button
	4	Users has deleted a Job post successfully
Alternative Flows	Step	Branching Action
	1	Cannot delete a property post successfully
Quality Requirements	Step	Requirements
	1	N/A

3.2.9 Manage Worker & Client

Use Case	Manage worker & client	
Goal	Approved or unapproved user account	
Precondition	Should be the user is Admin	
Success End Condition	Approved or unapproved account successfully	
Failed End Condition	Failed to approved or unapproved account	
Primary Actor	Admin	
Secondary Actor	N/A	
Trigger	Click on the “User” button	
Description / Main Success Scenario	Step	Action
	1	System will display the User list
	2	Admin clicks on the “Approved/Unapproved” button
	3	Admin can permit successfully
Alternative Flows	Step	Branching Action
	2a	Failed to permit
Quality Requirements	Step	Requirements
	1	N/A

3.2.10 Manage Location

Use Case	Manage Location	
Goal	Add or Delete location successfully	
Precondition	Should be the user is Admin	
Success End Condition	Add or Delete Location successfully	
Failed End Condition	Failed to add or Delete Location	
Primary Actor	Admin	
Secondary Actor	N/A	
Trigger	Click on the “Location” button	
Description / Main Success Scenario	Step	Action
	1	System will display the Location option
	2	Admin clicks on the “Add/Delete” option
	3	Can add or delete successfully
Alternative Flows	Step	Branching Action
	2a	Failed to add/delete
Quality Requirements	Step	Requirements
	1	N/A

3.2.11 Manage Job Post

Use Case	Manage Job Post	
Goal	Admin can approve or unapproved job post	
Precondition	Should be registered users as Admin	
Success End Condition	Successfully approved or unapproved	
Failed End Condition	Failed to manage	
Primary Actor	Admin	
Secondary Actor	N/A	
Trigger	Click on the “Pending Job” button	
Description / Main Success Scenario	Step	Action
	1	System will display the pending job posts page
	2	Admin click on the approved or unapproved button
	4	Approved or unapproved successfully
Alternative Flows	Step	Branching Action
	1	Failed to manage pending jobs
Quality Requirements	Step	Requirements
	1	N/A

3.2.12 Update Profile

Use Case	Update Profile	
Goal	Worker can update profile information successfully	
Precondition	Should be Registered User	
	User has profile	
Success End Condition	Update Profile information successfully	
Failed End Condition	Failed to update information	
Primary Actor	Worker	
Secondary Actor	N/A	
Trigger	Click on the “Update Profile” button	
Description / Main Success Scenario	Step	Action
	1	System will display the Profile page
	2	Users can change information if he/she wants
	3	Users clicks on the “Update” button
	4	Users can update information successfully
Alternative Flows	Step	Branching Action
	1	Data mismatched
	4a	Failed to update
Quality Requirements	Step	Requirements
	1	N/A

3.2.13 Apply for Job

Use Case	Apply for Job	
Goal	Worker can apply for job successfully	
Precondition	Should be Registered User	
Success End Condition	Apply in job successfully	
Failed End Condition	Failed to apply	
Primary Actor	Worker	
Secondary Actor	N/A	
Trigger	Click on the “Apply” button	
Description / Main Success Scenario	Step	Action
	1	System will display the job list
	2	User can apply for job
	3	Users clicks on the “Apply” button
	4	Apply successfully
Alternative Flows	Step	Branching Action
	3a	Failed to apply
Quality Requirements	Step	Requirements
	1	N/A

3.2.14 Logout

Use Case	Logout for registered users	
Goal	Users can log out of their account	
Precondition	Users must be logged in to the system	
Success End Condition	Users log out form their Dashboard	
Failed End Condition	Cannot access to the system	
Primary Actor	Client, Worker, Admin	
Secondary Actor	N/A	
Trigger	Click on the “Log out” button	
Description / Main Success Scenario	Step	Action
	1	System will display the member dashboard
	2	Users clicks on the “Log Out” button
	4	Users get logged out to the system
Alternative Flows	Step	Branching Action
	1	Cannot access the system
Quality Requirements	Step	Requirements
	1	N/A

3.3 Activity Diagram

Activity diagram is another important diagram in UML to explain the dynamic aspects of the system.

Activity diagram is essentially a flowchart to represent the be due one activity to a different activity. The activity is often described as an operation of the system. The control flow is drawn from one operation to a different.

This flow is often sequential, branched, or concurrent. Activity diagrams affect all sort of flow control by using different elements like fork, join, etc.

3.3.1 Registration

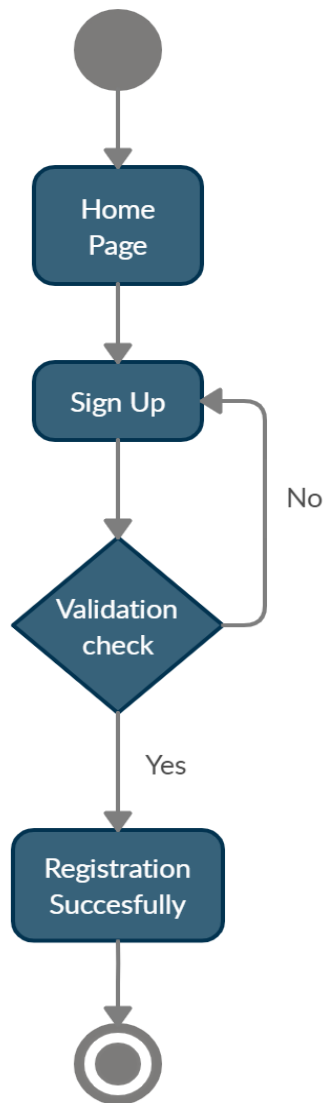


Figure 3.5: Activity Diagram for Registration

3.3.2 Login

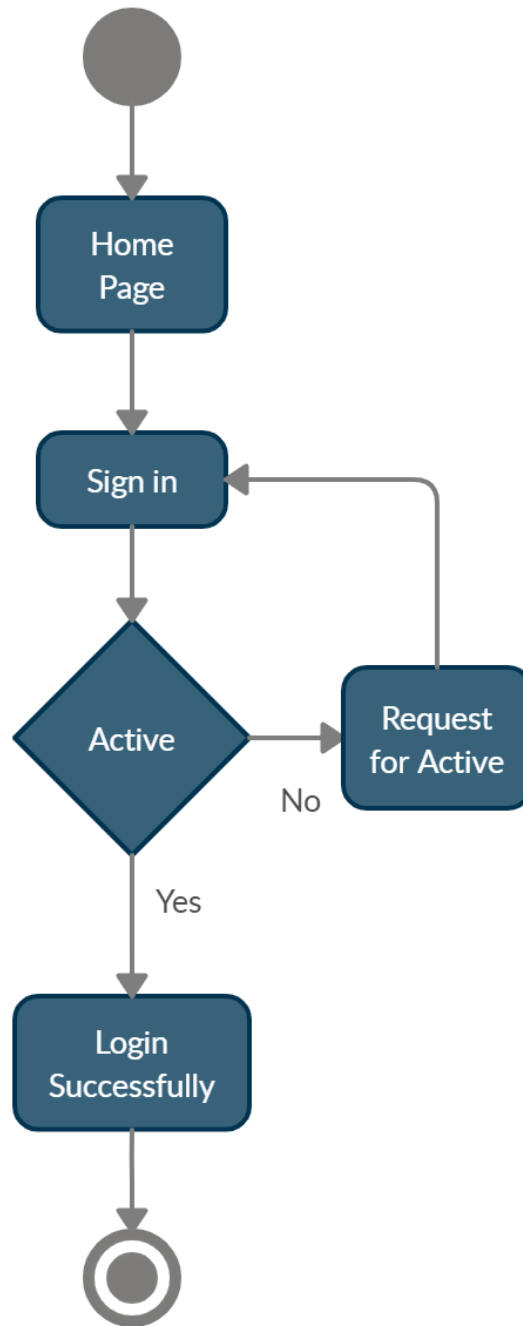


Figure 3.6: Activity Diagram for Login

3.3.3 Admin: Approve Account for User

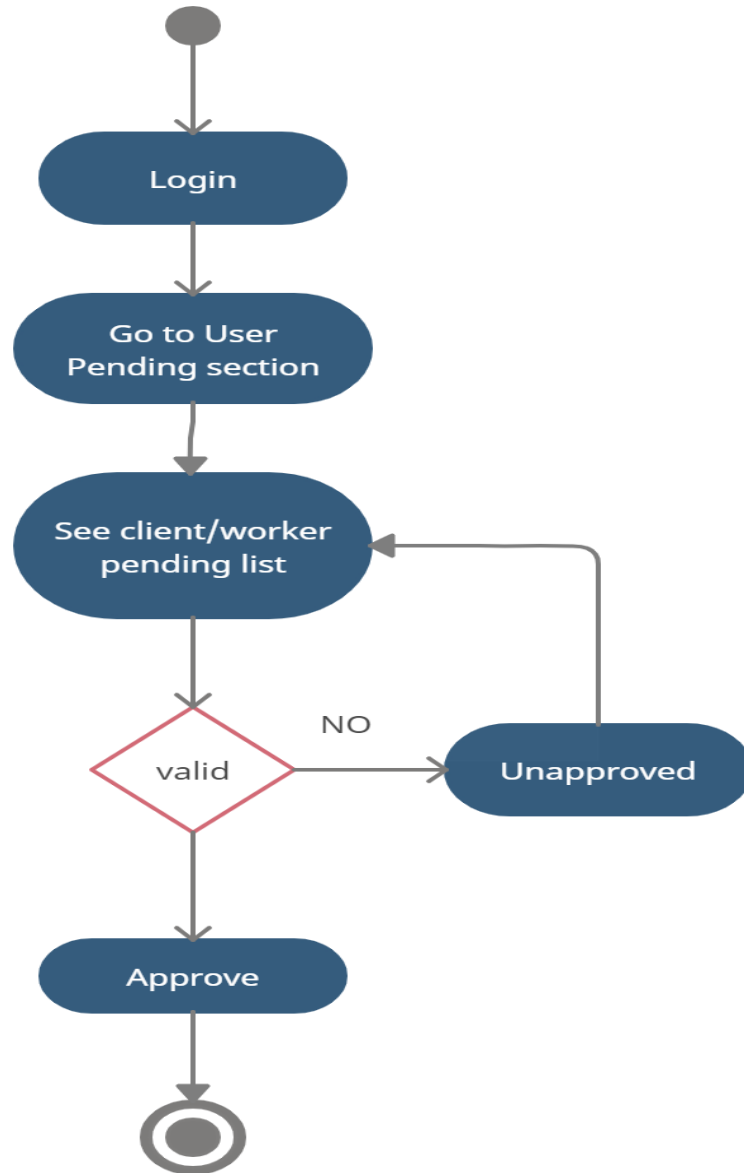


Figure 3.7: Activity Diagram for manage User

3.3.4 Admin: Approved or unapproved Job

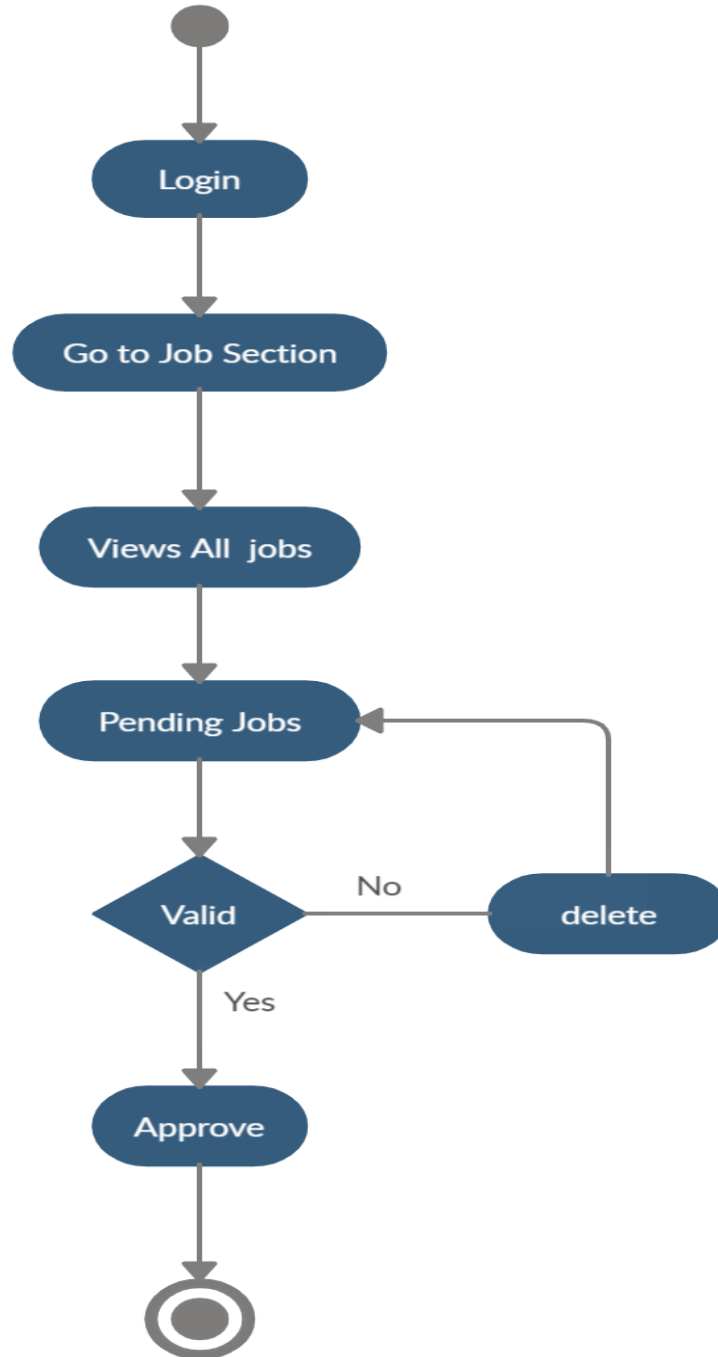


Figure 3.8: Activity Diagram for manage Job

3.3.5 Admin: Manage Location

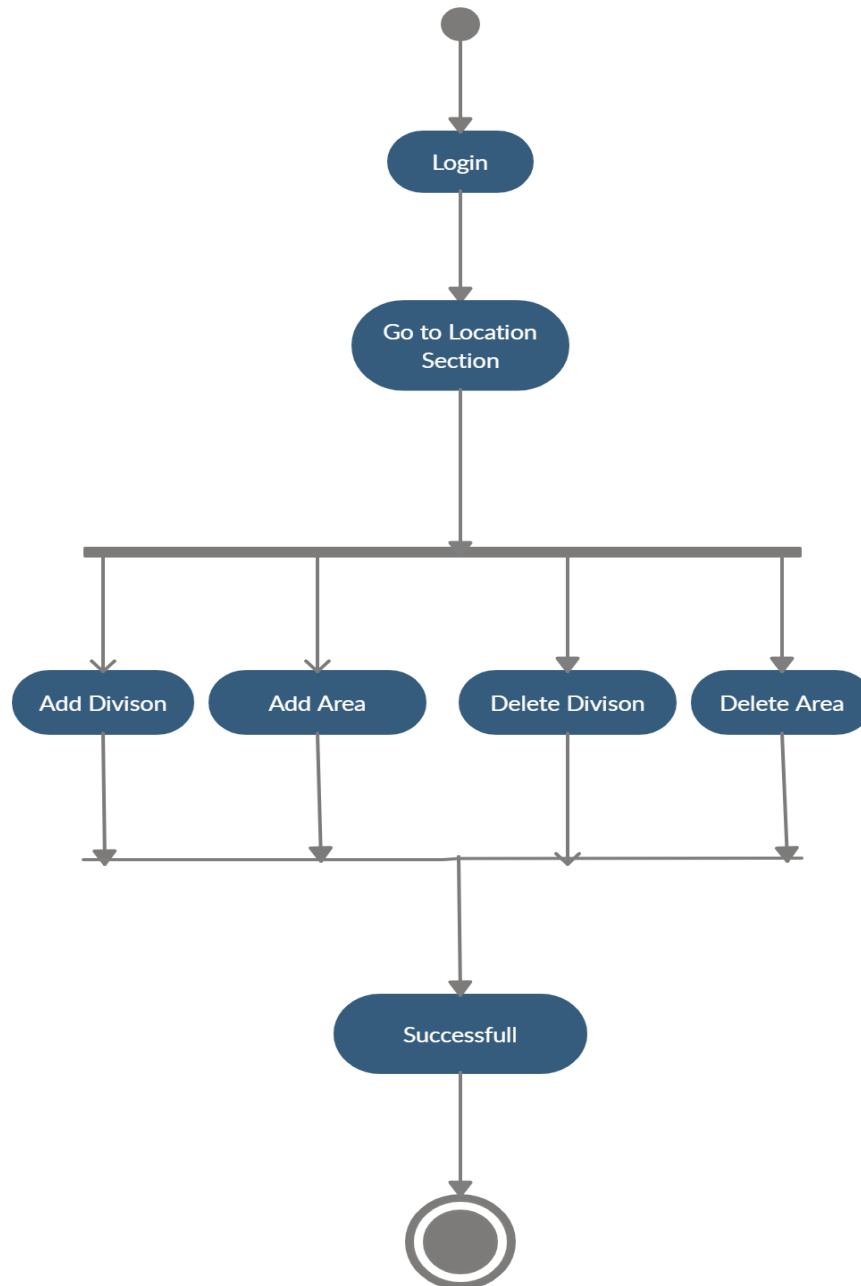


Figure 3.9: Activity Diagram for manage Location

3.3.6 Admin: Manage Location

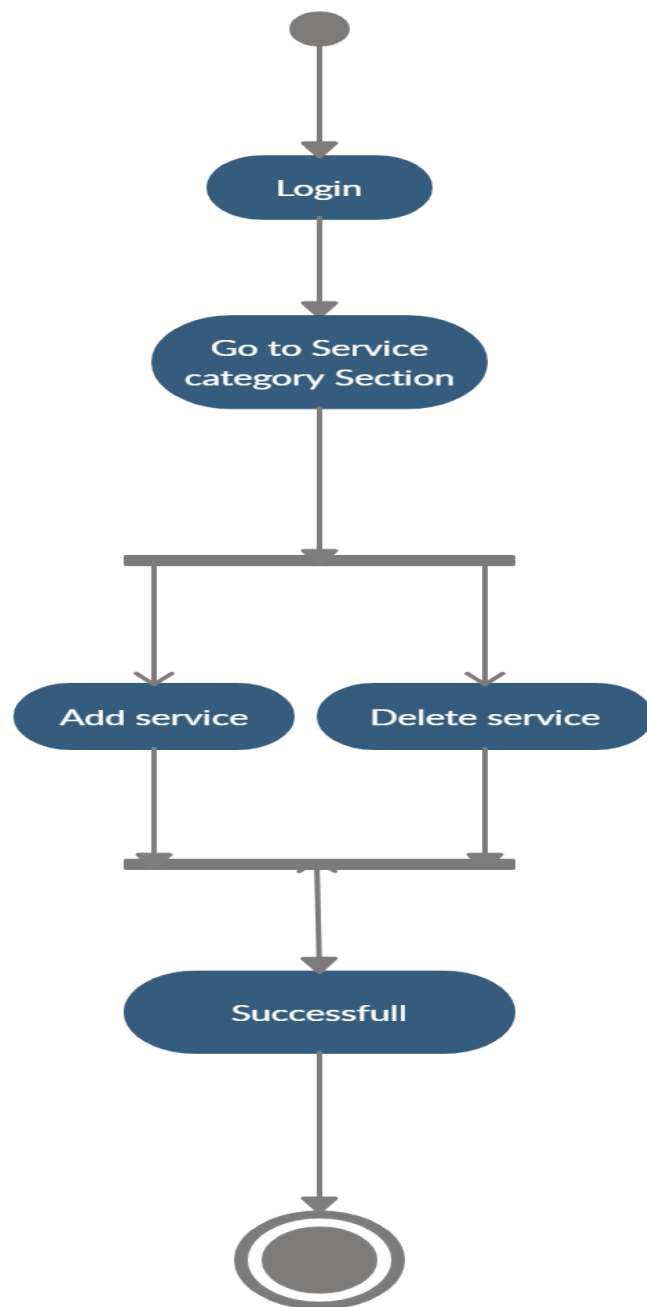


Figure 3.10: Activity Diagram for manage Service

3.3.7 Client: Create a job

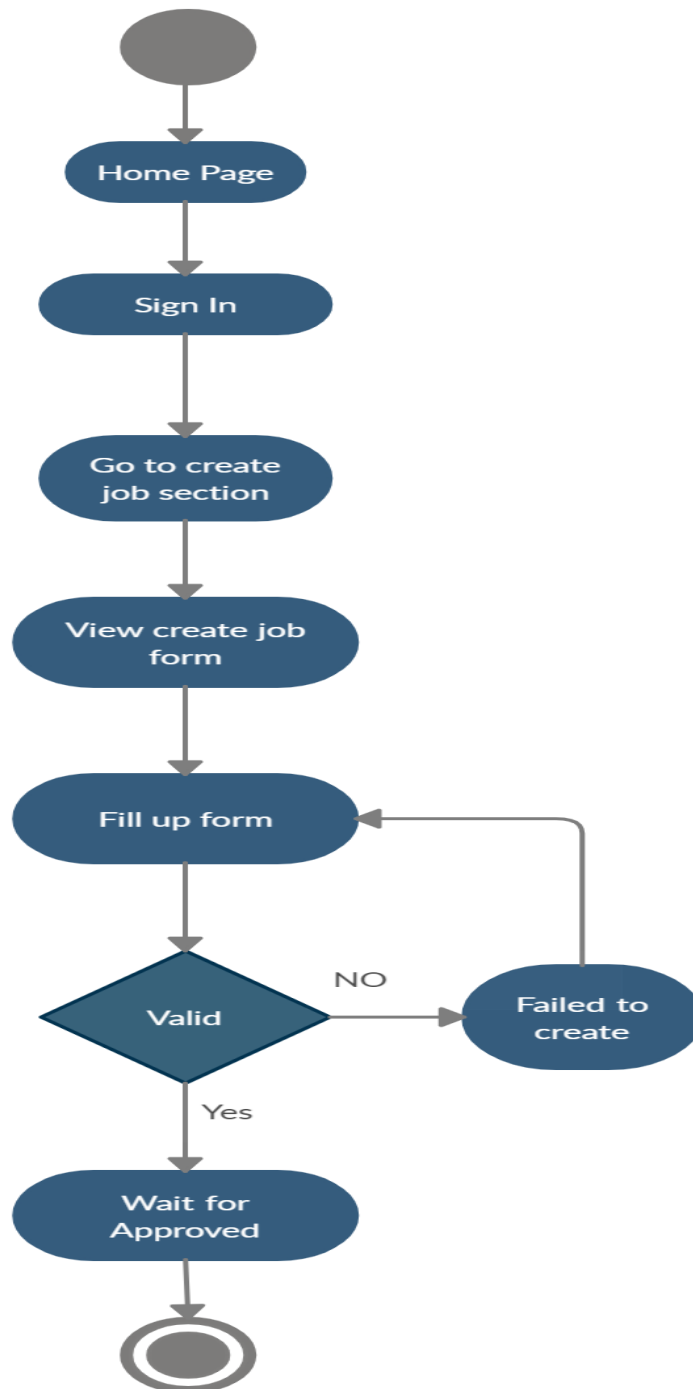


Figure 3.11: Activity Diagram for create Job

3.3.8 Client: Contact with worker

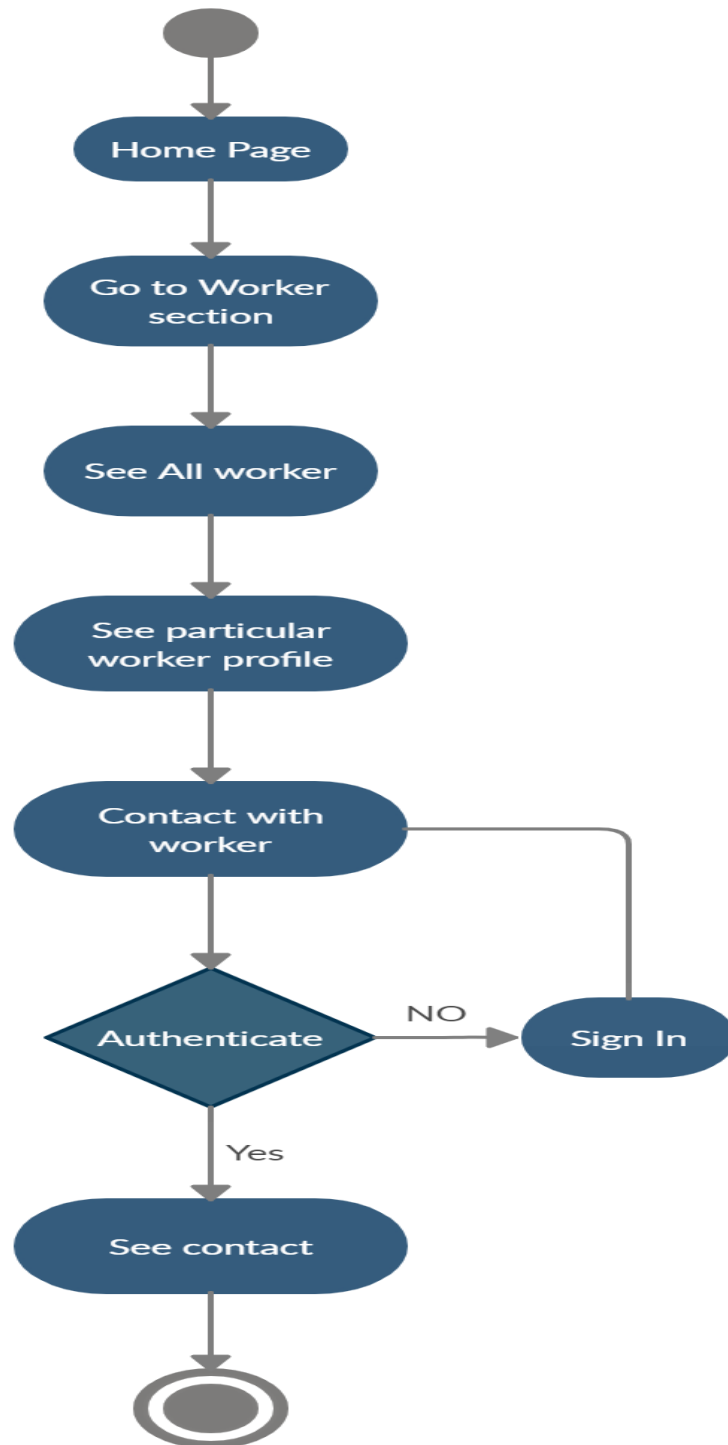


Figure 3.12: Activity Diagram for Contact info

3.3.8 Worker: Update Profile

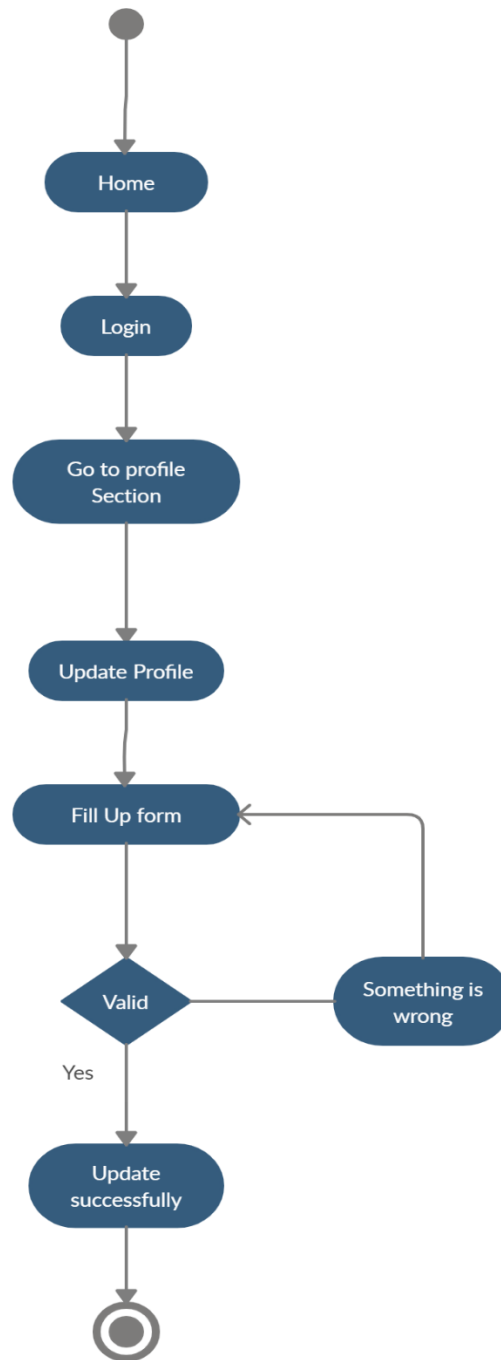


Figure 3.12: Activity Diagram for Update Profile

3.3.9 Worker: See feedback

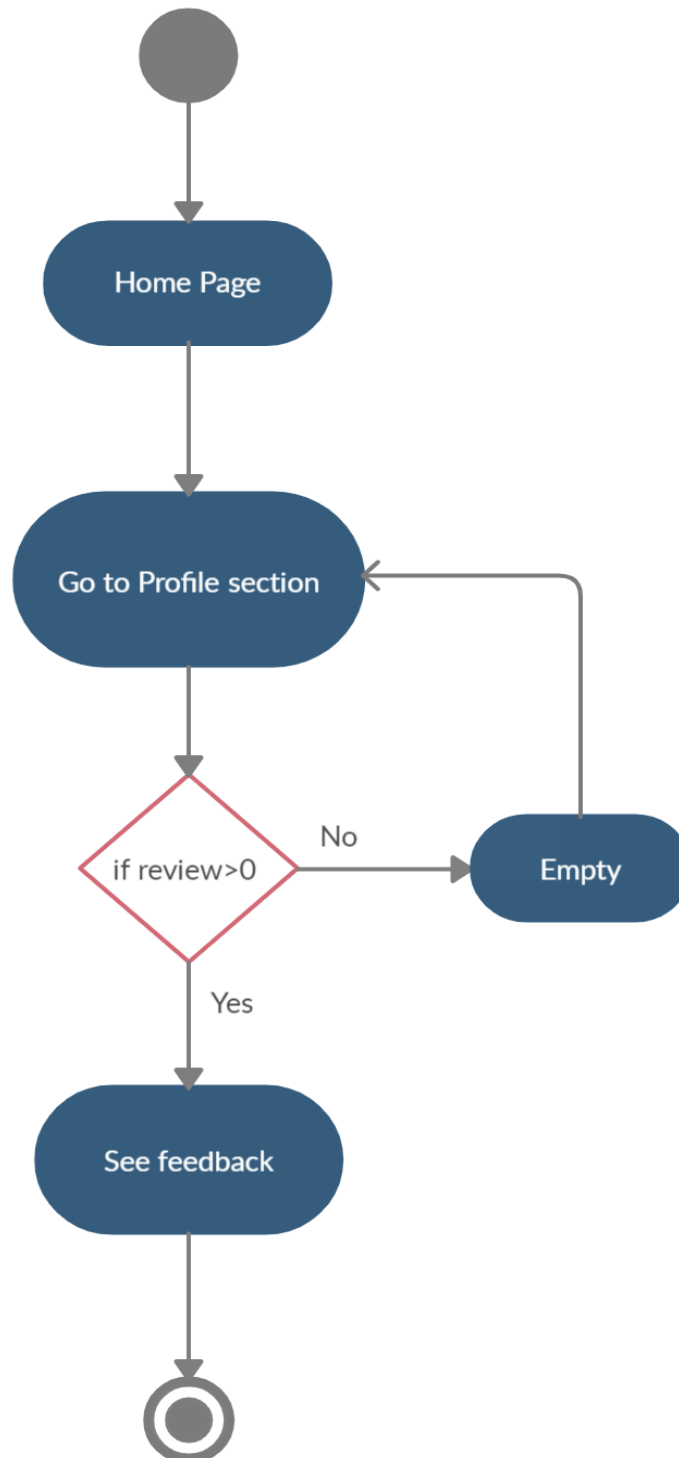


Figure 3.13: Activity Diagram for Feedback

3.3.10 Worker: Apply Job

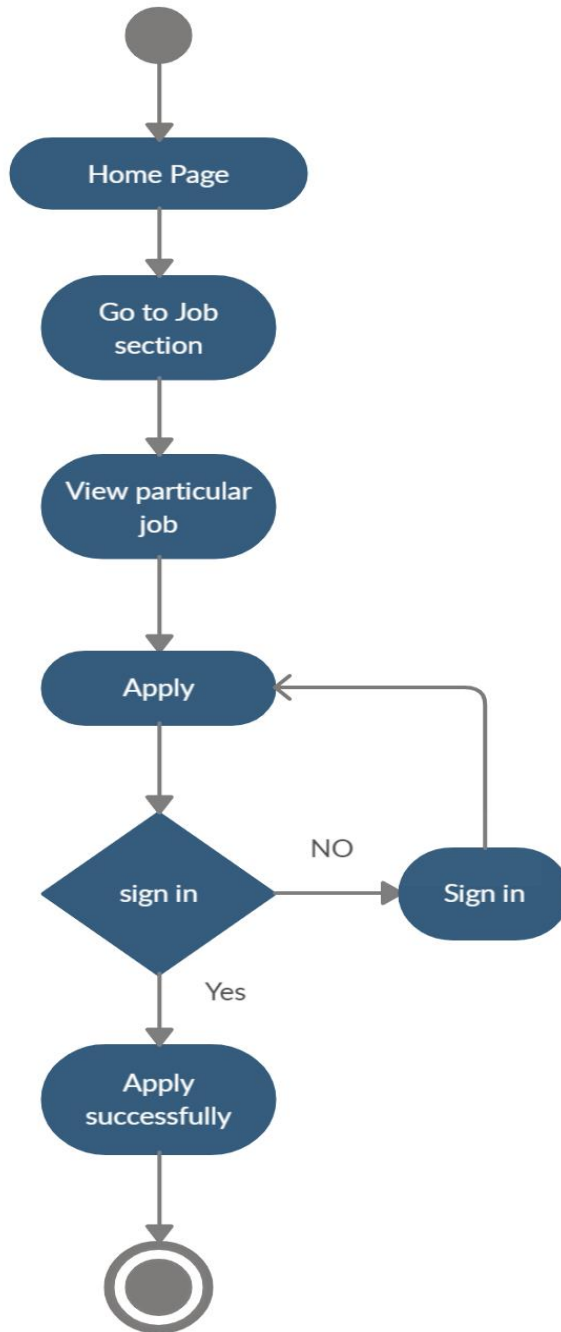


Figure 3.14: Activity Diagram for Apply Job

CHAPTER: 4
SYSTEM DESIGN SPECIFICATION

4.1 Entity Relationship Diagram:

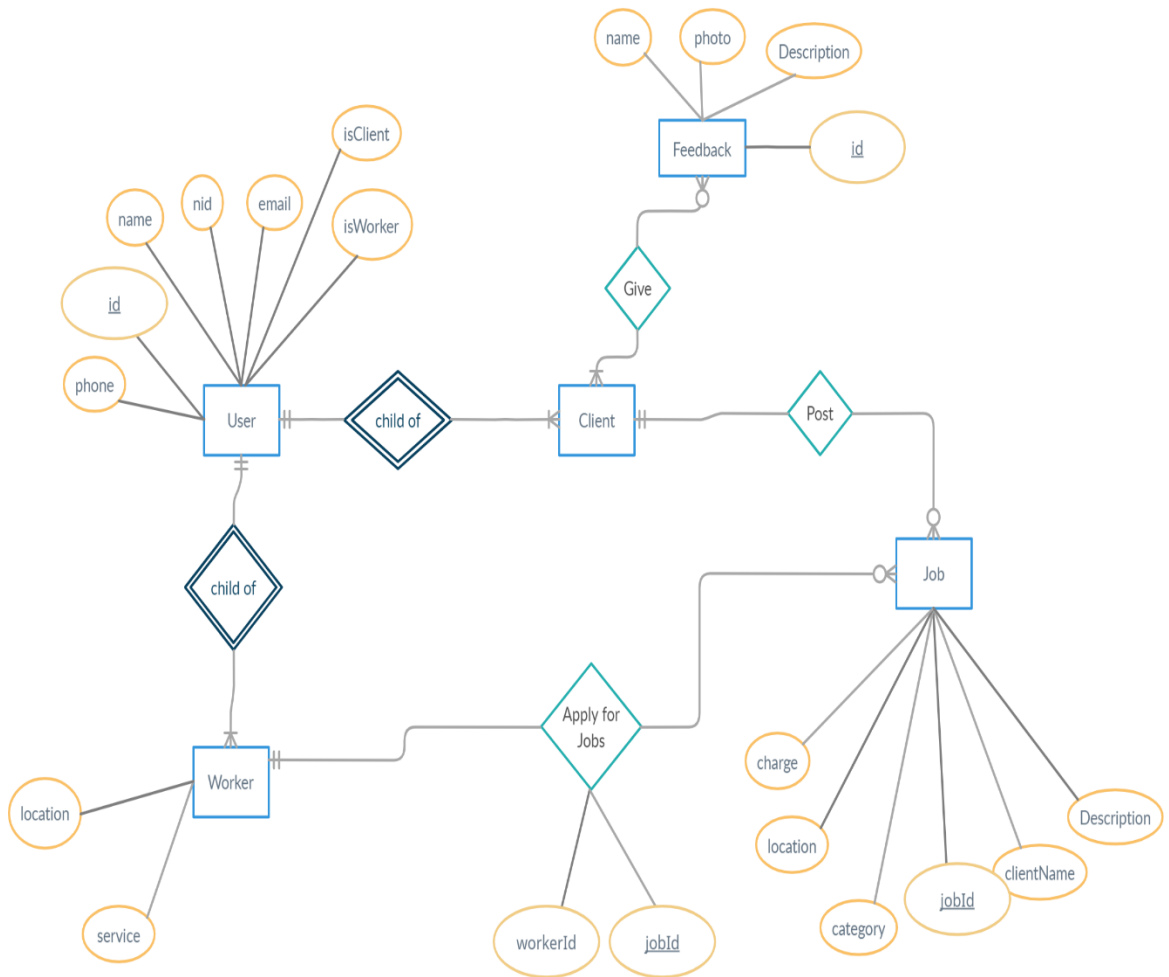


Figure 4.1: ER Diagram

4.2 Class Diagram

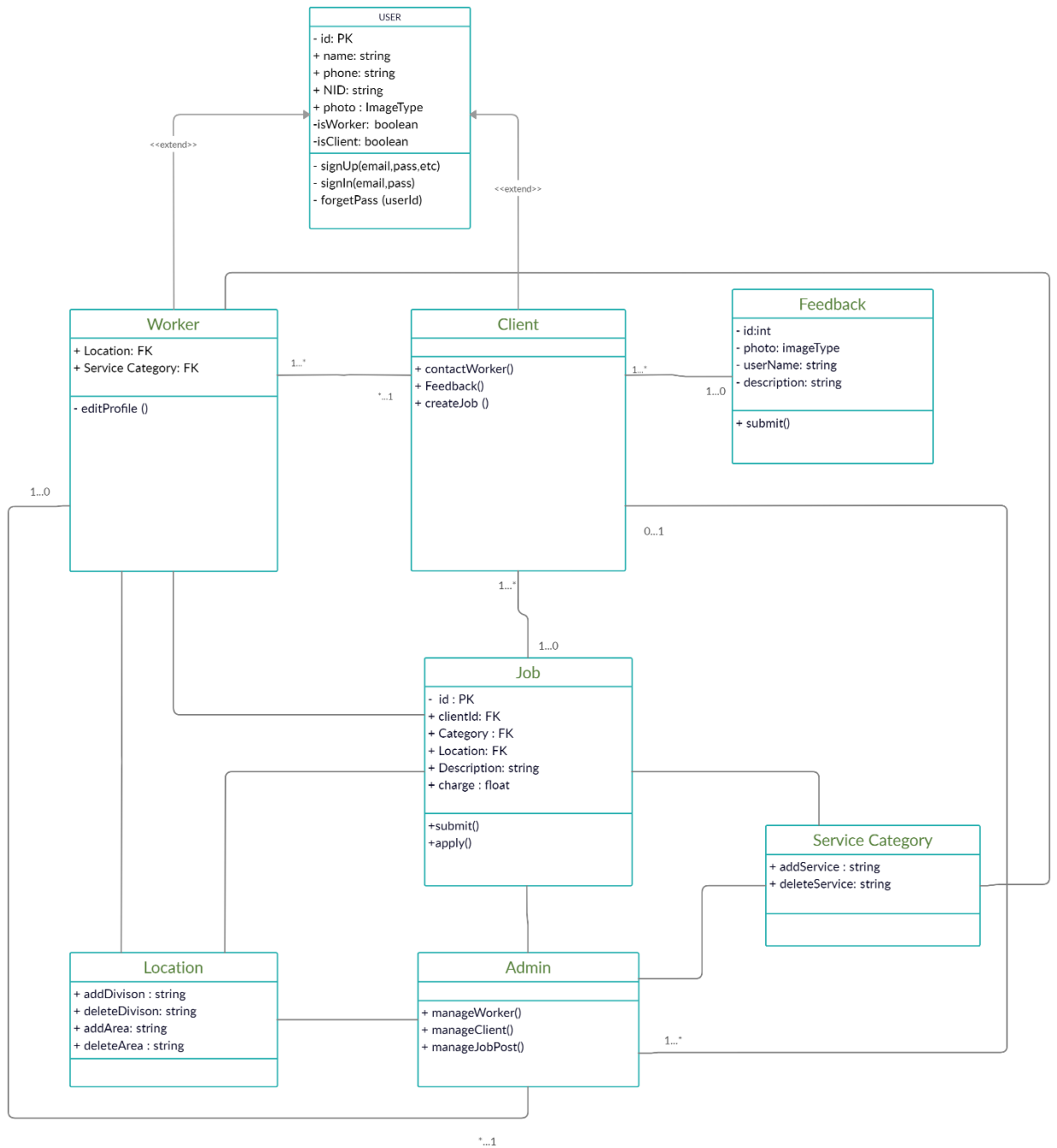


Figure 4.2: Class Diagram

4.3 Sequence Diagram

A sequence diagram displays object interactions arranged in time sequence. It depicts the objects involved within the scenario and therefore the sequence of messages exchanged between the objects needed to hold out the functionality of the scenario elements like fork, join, etc.

4.3.1 Sequence Diagram for Admin

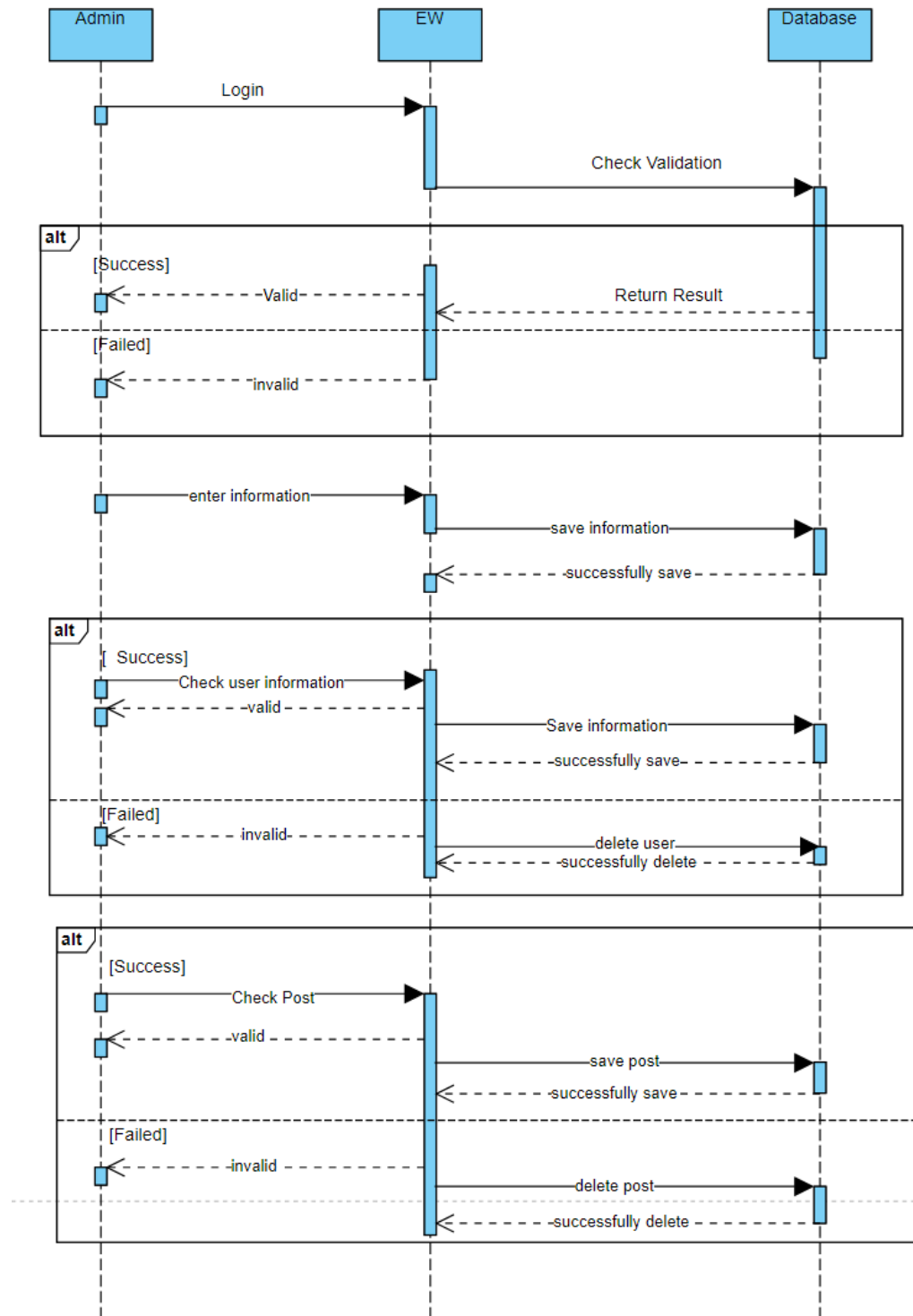


Figure 4.3: Necessity Issue for Admin

4.3.2 Sequence Diagram for Client

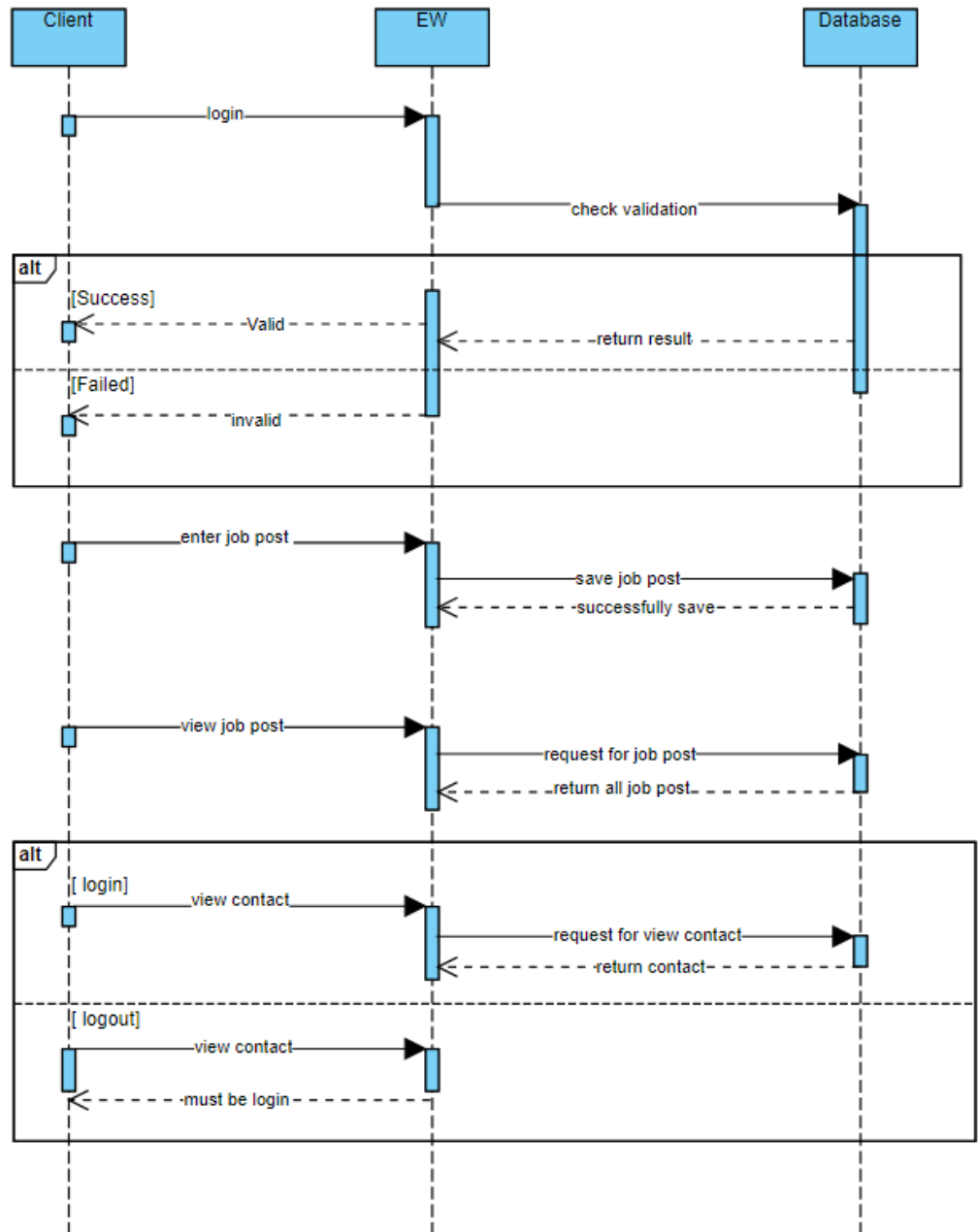


Figure 4.4: Necessity Issue for Client

4.3.3 Sequence Diagram for Worker

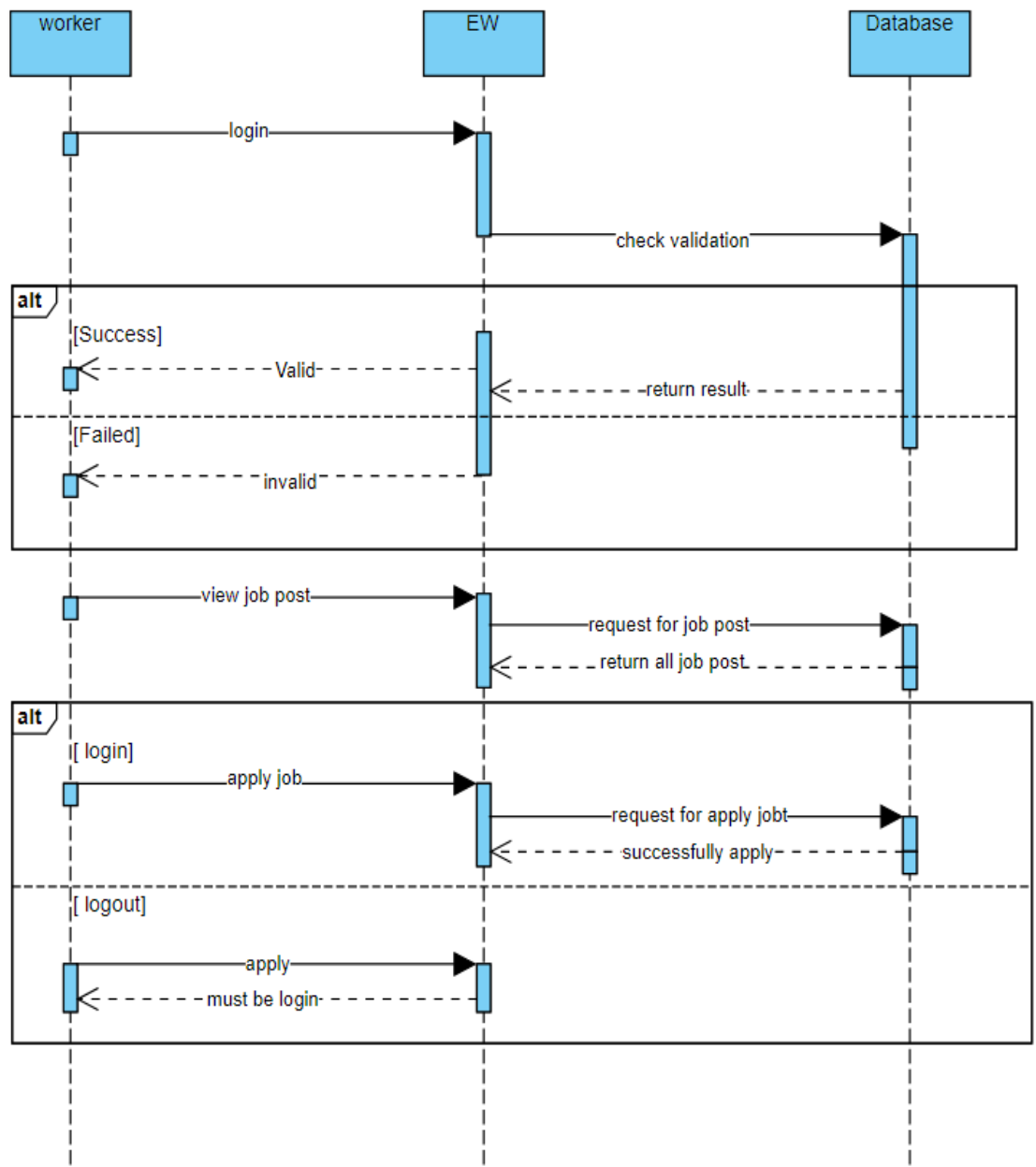


Figure 4.5: Necessity Issue for Worker

4.4 Development Tools and Technology

4.4.1 User Interface Technology

User Interface is that the process to create interfaces in software or computerized devices, web developments, that specialize in looks or style. The technologies that want to build that style is understood as interface Technology. In my project which technologies I even have want to design interface are given below-

4.3.1.1: HTML, HTML5

4.3.1.2: CSS3, CSS

4.3.1.3: Bootstraps-4

4.3.1.3: JavaScript, Font Awesome

4.1.2 Implementation Tools and Platform

4.3.2.1: Django

4.3.2.2: PostgreSQL

4.3.2.3: Django

4.3.2.3: Windows PowerShell

CHAPTER-05

System Testing

5.1 Testing Features

5.1.1 Feature to be tested

1. Registration
2. Login
3. Manage Client
4. Manage Worker
5. Create Job
6. Apply job
7. Applied worker list
8. See worker info
9. Update worker profile

5.1.2 Feature to not be tested

1. Feedback
2. Manage Location

5.2 Testing Strategies

5.2.1 Test Approach

1. The Complete system tested manually.
2. System testing based on “Easy Work”.
3. This system test on Client and worker activities.

5.2.2 Pass or Fail Criteria

1. Component Pass/Fail Criteria: - The test is going to be passing the cases meet the thing design requirements.
2. Integration Pass/Fail Criteria: - The test is going to be passing cases meets the thing architecture requirement or failed if not.

5.2.3 Suspension and Resumption

1. Regression Testing: - The system will be work properly after each modification of the system.
2. Database Change: - This system doesn't work properly if you modify database name.
3. System Design Changes: - The system must work properly after each change in the designing.

5.3 Test Case

5.3.1 Test Case 1 (User Login)

Table 5.1: Test Case 1 (User Login)

Test Case: - 01	Test Case Name: Login
System: User Login	Subsystem: N/A
Designed By: - Marufur Rahman	Design Date: 15-12-2020
Execute By: - Marufur Rahman	Execution date: - 01-01-2021

Table 5.2: User Login

Step	Action	Expected System response	Pass/Fail	Comment
1	When system user fills up the user login field and click login button	If user don't enter phone num then show required phone id.	Pass	Phone num Field are required

5.3.2 Test Case 2 (Post Jobs)

Table 5.3: Test Case 1 (User Login)

Test Case: - 02	Test Case Name: Login
System: Post Jobs	Subsystem: N/A
Designed By: - Marufur Rahman	Design Date: 25-12-2020
Execute By: - Marufur Rahman	Execution date: - 10-01-2021

Table 5.4: Post Jobs

Step	Action	Expected System response	Pass/Fail	Comment
1	When client fills up the Jobs posts field and click submit button	If client missing any field then this system shows required field.	Pass	All field are required

5.4 Testing Environment (hardware/software requirements)

1. Browser: - Google Chrome
2. Core-i3, Ram: 8GB, SSD: 240GB,

CHAPTER-06

User Manual

6.1 Admin

He/she can approve worker, client accounts and Client Job post. He will add service category and delete service also add subcategory. Admin also update his/her profile

✉easywork@gmail.com    

Easy Work

[Home](#) [Worker](#) [Job Post](#) [Worker Pending](#) [Client Pending](#) [Job Pending](#) [Category](#) [Sub Category](#) [Profile](#)

[Change Password](#) [Logout](#)



UserName : maruf

Email : maruf1847@gmail.com

Phone Number : 01623451090

First Name : Marufur

Last Name : Rahman

Full NAME : Marufur Rahman

[1.Change Profile](#)

[2.Change Profile](#)

[Change Password](#)

6.2 Worker

They can see job post and apply that job and update their profile.

The screenshot shows a web browser window with the address bar at 100/accounts/job/. The browser's bookmark bar contains various links like 'glish', 'SITE', 'Python', 'Django', 'Git', 'DB', 'DS', 'JS', 'Scraping', 'L site', 'SDLC', 'Versity', 'Hadith', 'F', 'movie', 'Job', and 'Islam'. The main content area is divided into two columns. The top row shows two job listings: 'Job Category: AC Repair Services' with details 'need to repair', 'Location: Adabor Phone:', and 'Work Rate: 5\$ per hour', and 'Job Category: Car Care Services' with details 'need to car wash worker', 'Location: Adabor Phone:', and 'Work Rate: 5\$ per hour'. Both listings have a green 'Applied' button. The bottom row shows two user profiles for 'salim'. The left profile has a placeholder image and details 'Job Title : xxxxx', 'Job Category: Car Care Services', 'xxxxxxxxxx', 'Location: ssss Phone:', and 'Work Rate: 5\$ per hour', with an 'Apply' button. The right profile has a circular image of a car's interior with a red circle around the sunroof area, and details 'Job Title : xxxxx', 'Job Category: AC Repair Services', 'xxxxxxx', 'Location: ssss Phone:', and 'Work Rate: 5\$ per hour', with an 'Apply' button.



UserName : sakil1
Email : sakil1@gmail.com
Phone Number : xxxxx
Category :
Sub Category :
First Name :
Last Name :
Full NAME :

[Change Service](#) [Change Profile](#) [Change Password](#)



6.3 Client

Client add Job post and see the worker profile & contact number using login.

127.0.0.1:8000/client/Client/Job/add/

s y F English SITE Python Django Git DB DS JS Scraping L site SDLC Versity

Client Job Post Information

Title:

Category: ▼

Sub Category:

Content:

Location:

Image: No file chosen



worker

House Related

Per Day Rate: 500 Taka

Location: Babor Road
Phone: 01623XXXXXXX
Work Rate: 5\$ per hour

Post a review:

Post

Recent Reviews:



Rewriter Name

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Rewriter Name

graphic or web designs. The passage is attributed to

CHAPTER-07

Project Summary

7.1 GitHub Link: https://github.com/maruf1847/easy_work

7.2 Limitations: Admin cannot send email to the user

7.3 Obstacles and Achievements:

Everyday technologies are updated so the Django framework is updated every day. So, I feature there are some technologic are often eliminating and therefore the project is often implemented with new technology. There are too more errors while i'm developed this technique.

7.4 Future Work:

Every Project have some future scope so that in features the application adds some new feature

1. Send every confirmation email to the user

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