



Daffodil
International
University

Faculty of Science and Information Technology

Department of Software Engineering

Project Report on

HELPING HAND

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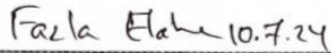
Daffodil International University

This Project Report has been submitted to the Department of Software Engineering (SWE) at Daffodil International University in the fulfillment of the requirements for the degree of Bachelor of Science in Software Engineering

APPROVAL

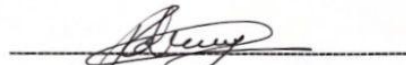
This thesis titled on "**Helping Hand**", submitted by **Student Name: Md.Abdul Baki (ID:201-35-2985)** to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Software Engineering and approval as to its style and contents.

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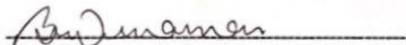
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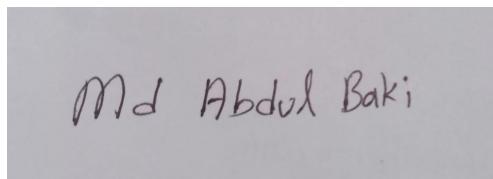


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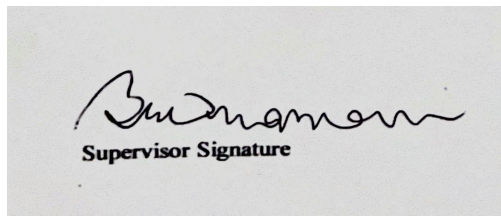
DECLARATION

This statement states that Md. Abdul Baki completed the Project Report on “HELPING HAND” under the guidance of Mr. Khalid Been Badruzzaman Biplob Lecturer (Senior Scale) Department of Software Engineering, Daffodil International University. Additionally, it declares that neither this project nor any component of it has been transferred to another institution for the conferment of a degree.

A rectangular box containing a handwritten signature in dark ink that reads "Md Abdul Baki".

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Mr. Khalid Been Badruzzaman Biplob

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ACKNOWLEDGEMENT

In this digital world, my project " Helping hand "serves as a vital role between theoretical knowledge and practical application.

My profound thanks go out to Allah, whose blessing kept me on the straight and granted me good health so that I could finish this job. This work would not have succeeded if it were not for the mercy of Allah.

It is a privilege for myself to have been able to study and create at Daffodil International University, particular in the software Engineering Department. I would like to thank Prof. Dr. Imran Mahmud, Head of the Software Engineering Department, for his leadership. In addition, I want to express my gratitude and respect to all of my lectures for sharing their expertise with me in an engaging and clear way.

I am especially indebted to Daffodil International University under constant supervision of Mr. Khalid Been Badruzzaman Biplob whose invaluable guidance, providing necessary information, and offering constructive feedback on this project.

To all those mentioned above, and to anyone else who has been instrumental in supporting me during this " Helping hand " I am grateful for your contributions. Thank you all for being a part of this journey.

ABSTRACT

Web development is the foundation of our project. The initiative is centered on worker servicing. To complete a certain task, a user can select a worker. Workers fall into four groups. Plumber, Chef, Electrician, To-Lets. Employees can swap money for services here by offering to sell them to anyone in need of such services. It is really difficult to locate a cook, plumber, electrician, or housekeeper in our city. Finding a job is difficult for us on a daily basis. This initiative also aids in the recovery of unemployment issues. This project consists of a frontend and a backend. We utilize JavaScript, CSS, HTML, Tailwind, and React JS for the front end. We utilize Node.js, Express.js, and MongoDB for the backend.

This experiment has a drawback in that we only use cash on delivery services instead of online payment systems like bKash, Nongod, etc. We use this app to discover solutions to challenges in our everyday lives, such as finding a home cook or an electrician to fix an electrical issue or looking for a place to rent or rent out. Let's say you have a problem at home one day, like your fan or air conditioner stops working, and you don't know who can fix it. In this case, you may visit our website to get the solution you need. Employees may also discover their clients with great ease thanks to this website.

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CHAPTER – 1

INTRODUCTION

1.1 Project Overview

The sophisticated tip-top show website makes it simpler and less obtrusive to establish one's daily presence. It offers a wide range of timings that one would require for anything from going to bed in the early morning to sleeping late at night. With all that is, for the most part, missing only one tick, this is often the perfect everyday companion to meet demands. This web application may be smoothly and healthily running on responsive JS, Hub JS, Express JS, and MongoDB. Additionally, by establishing an open arrangement for back directors and small business owners, this will help to reduce unemployment and open up new avenues for underutilized commerce.

1.2 Motivation

Within the cutting-edge tech-war, individuals need by and large endeavors to have a seamless, pleasing and accommodating client involvement from an online program. In an advanced time, most individuals can utilize computers, portable phones. Everybody visits the site and everybody is related to modern technology. In our standard of living, we are confronting numerous issues that's related to our family work like power issues, chef issues, plumbing issues, and looking at a house. We are getting this kind of issue in our life. That's why we are examined to unravel this kind of issue. We moreover visit a few websites and get the sort of services users want. We are persuaded by this sort of site and we need to make a website that's a multi specialist's site. We serve laborers for clients and the users effectively discover the specialists and the specialists get the work also. For each reason one proposes an interchange location which could be a major issue. We are causing issues to track down fitting people to induce one-of-a-kind sorts of organization we need at our domestic, office or wherever. Expansive numbers of them figure it would be so accommodating in the event that they would track down everything in one spot. People likewise have to be held from where they would benefit. Lovely much each client has believed issues in on the net stages. They are by and large in alert whereas getting organization from on the internet.

1.3 Project Objective

The objective of this web application is to deliver a beneficial, simple to get it nonstop web organization. In English, it means that having a coworker or helper generally makes life easier and reduces the complexity of the job. That's what this application talks about. It becomes your constant companion. reduces the hassle of finding the perfect item in better areas.

1.4 Benefits & Beneficiaries

Because of its user-friendly interface, clients find the system to be highly suited. Workers have a choice based on the nature of their jobs. You can quickly determine what sort of service you need by using this online resource. Our worker will go to that spot and do their task if they just pick the Worker service by making a request or addressing their present location through live chat. The client will save time, avoid having to hunt for employees outside, and be able to do the task swiftly in this manner. Conversely, workers can apply for positions based on the kind of work they want to do. They may avoid going outdoors to look for workers by doing this.

1.5 Stakeholder

People who have a direct connection to the system or initiatives are considered stakeholders. They are again from the project, and both internal and external stakeholders are involved. The following list includes the participants in “A Web Development Service Systems Project for EASY SERVICE”.

- User/Customer
- Worker
- Admin

1.6 Proposed Systems Model

The system architecture will be simulated with the aid of this model. An effort is made to it as user-friendly as feasible.

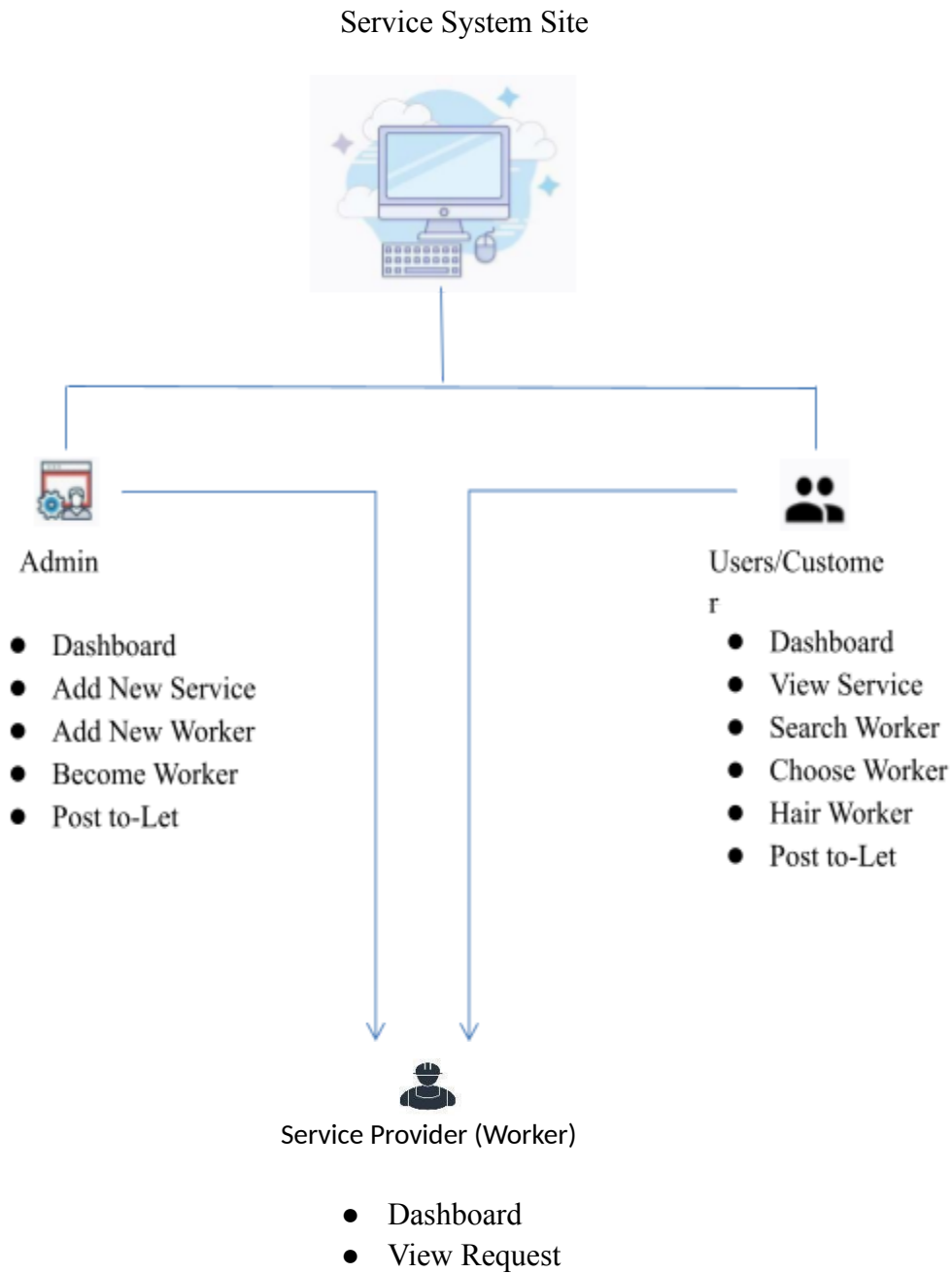


Figure 1.1: Proposed System Model

1.7 Project Schedule

An extension plan outlines what has to be done, which resources need to be used, and what happens if the extension isn't finished. Despite the limited time allotted for developing the framework, excellent planning is necessary to complete the project on schedule. This strategy also makes reference to communicating what errands need to be completed in a timely manner.

1.7.1 Gantt Chart

Activities	W1,	W2,	W3,	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14
Research														
Requirement Analysis														
Planning														
Designing														
Development														
Testing														
Assessment														
Documentation														

Table 1.1: Gantt Charts

1.7.2 Schedule of Release Plan

The Following is the release schedule or milestones as shown by the Gantt Chart:

Activities	Duration in week	Total week
Research	W1, W2, W3 W4	4
Req. Analysis	W4, W5	2
Planning	W5, W6	2
Designing	W6, W7, W8, W9	4
Development	W7, W8, W9, W10	4
Testing	W9, W10, W11, W12	4
Assessment	W10, W11, W12	3
Documentation	W13, W14	2
Release	W14	1

Table 1.2: Schedule Plan

CHAPTER -2

REQUIREMENT ENGINEERING

2.1 Functional Requirements

Functional requirements are the main thing that a project has to finish in order to achieve its goals. They outline the project's actions and behaviors in specific situations. All function criteria must be met in order to ensure that the project meets the expectations of its stakeholders.

The Functional Requirement are:

- Registration
- Log in
- View service
- Choose Worker
- Search Worker
- Hire Worker
- Add New Service
- Add New worker

2.2 Non-functional Requirements

This system and dashboard are simple to use for employees and administrators alike. Non-functional requirements are distinct from all other types of system needs and functional requirements.

Below are a few prerequisites:

- The security mechanism of this project or system has to be more robust.
- The data processing system or data fetching functionality of this project or system Naturally, quicker.
- Users should find this project or system easy to use.
- The system maintenance for this project should be simpler and available at all times.

CHAPTER -3

SYSTEM ANALYSIS, DESIGN & SPECIFICATION

3.1 Development Model

Agile SDLC model adopted for developing the project “A WEB DEVELOPMENT - SERVICE SYSTEM PROJECT FOR EASY SERVICE”. The SDLC demonstrate may be an amalgam of both gradual and cyclical handle show along with center on flexibility of a handle and client fulfillment by quick conveyance of working program product.

The agile SDLC example divides the project into several smaller, recurring components. Cycles are provided for these components. A single focus lasts for a week or a month. A couple of the extent’ s highlights are realized after each focus.

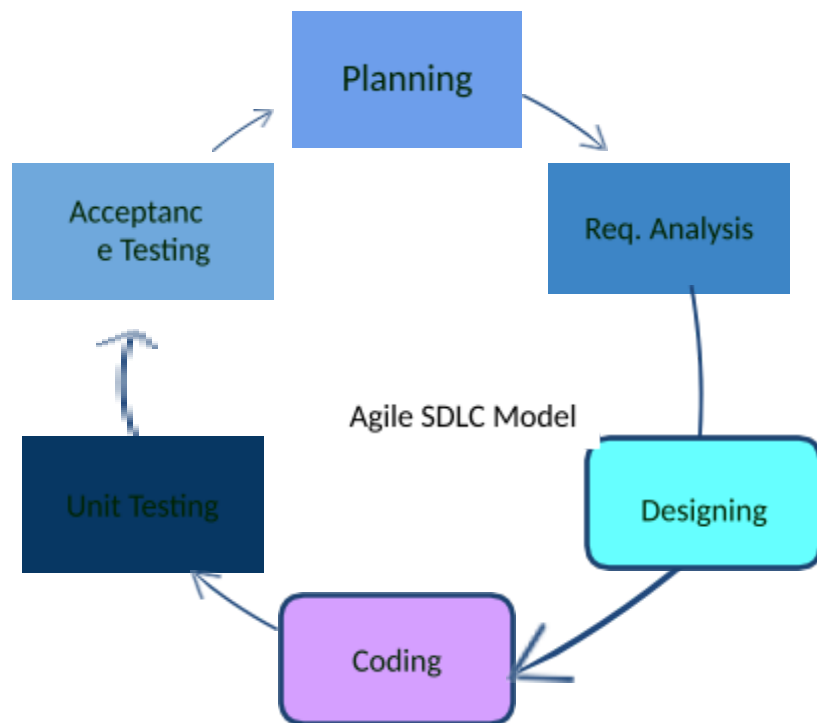


Figure 3.1: Agile SDLC model

3.2 Use Case Diagram

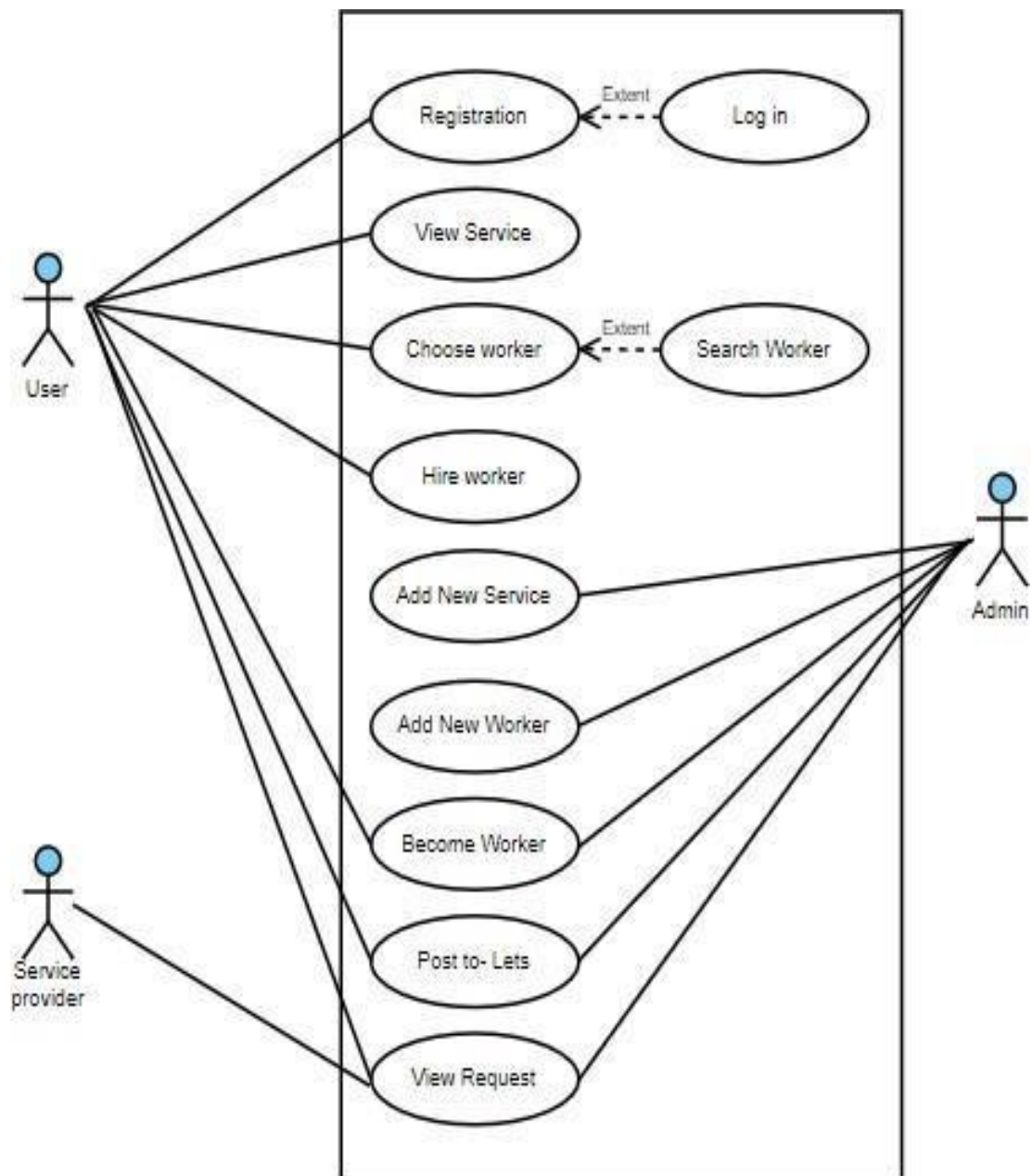


Figure 3.2: Use case Diagram

Use Case Description

3.2.1 Registration

Use case	Explained
Use Case Name	Registration
Principal Actor	Person using, Admin
Objective	To Show concern account and register for a service.
Stakeholders and Interest	User: to register on the webpage. Admin: to register on the webpage. Worker: to register on the webpage.
Pre-Condition	Both the administrator and the user may see the registration form. To begin with, they are not registered.
After- Condition	Admin and User are added to the file. Both the admin and users may view the main page and admin panel.
Main Success Scenario	1. On registration interface user and admin enter their details
Alternative Flows	1. In the event if the user already possesses an account, the system will prompt the user to log in and display an error message.

3.2.2 Login

Use case	Explained
Use Case Name	Login
Principal Actor	Person using, admin, workers
Objective	To authenticate the user's identity and allow access to their account.
Pre-Condition	1. User has created an account on the website. 2. The website's home page is available.
After-Condition	1. After successfully logging in, the user and administrator may access their accounts and use the website to make transactions.
Main - Success Scenario	1. Both the admin and the user travel to the login page. 2. Both the user and the administrator entered their email address and password. 3. The password and email address provided by the administrator and user are verified by the system. 4. If the user's email address and password are correct, the system logs them in and directs them to their home pages. 5. If the email address and password are input improperly, the system displays an error warning and requests that the administrator and user give the right information.
Alternative Flows	1. If an administrator or user inputs an email address that is not registered, the system will display an error message and prompt them to create an account.

4.2.3 View Service

View Service

Use case	Explained
Use Case Name	View Service
Principal Actor	Person Using
objective	To enable the user to explore and observe the services that are offered on the website.
Pre-Condition	1. User has logged in to their account on the website.
After-Condition	User has successfully browsed and viewed available service on the website
Main-Success Scenario	1. Visitors access the primary websites. 2. The system shows the list of available Services. 3. Users can peruse the specifics of each service by scrolling through the list of available services. 4. If a user wants to pay for a service, they can request it
Alternative Flows	The system will indicate if there are no services available by displaying a message.

Use case	Explained
Use Case Name	Search Workers
Principal Actor	Person using
Objective	to enable the user to look for a certain Service on the internet.
Pre-Condition	1. User has logged in to their account on the website.
After-Condition	The user has effectively searched the website for a certain service or service man, and if they so want, they may move on with the purchase.
Main-Success Scenario	1. The user types in a term or phrase associated with the desired service. 2. The user enters a term or phrase, and the system returns a list of services linked to it. 3. The specifics of each service may be viewed by users when they peruse the list of service providers. 4. Users are able to submit worker requests,
Alternative Flows	None

5.2.4 Search

Workers Search

Workers

6.2.5 Choose Worker

Choose Worker

Use case	Explained
Use Case Name	Choose Service
Principal Actor	Person using
Objective	to give the consumer the option to select a certain service or serviceman from the website.
Pre-Condition	1.User has logged in to their account.
After-Condition	The user has effectively searched the website for a certain want Service or Service guy, and if they so want, they may move on with the purchase.
Main-Success Scenario	1. The user types in a term or phrase associated with the service they are trying to find. 2. The user enters a term or phrase, and the system returns a list of Services associated with it. 3. Users are able to peruse each service man's details and go through the list of services. 4. Users have the ability to request workers. Upon receiving a request, the worker will review their notice, approve the request, and do the task in accordance with their address.
Alternative Flows	None

7.2.6 Hair Worker

Hair Worker

Use case	Explained
Use Case Name	Hair worker
Principal Actor	Person using
Objective	to enable the website user to select a certain service guy.
Pre-Condition	1.The user is now signed into their website account.
After-Condition	The user has effectively searched the website for a certain want Service or Service guy, and if they so want, they may move on with the purchase.
Main-Success Scenario	1. The user types in a term or phrase associated with the service they are trying to find. 2. After the user enters a keyword or phrase, the system returns a list of Services associated with it. 3. The list of services may be perused, and each service man's details can be seen. 4. Requests for workers can be sent by users. 5. Upon receiving a request from the user, the employee will review the notice, approve the request, and do the task in accordance with the location provided.
Alternative Flows	None

8.2.7 Add New

Service Add New

Service

Use case	Explained
Use Case Name	Add new service
principal Actor	Person using
Objective	The admin panel will be used to add any kind of service. to enable the administrator to oversee the offered service.
Pre-Condition	1. The administrator has accessed their account on the website.
After-Condition	The user has effectively accessed and controlled the new service they have introduced to the website.
Main-Success Scenario	1. The service's name, description, price, and picture are among the details that the system shows. 2. The user chooses the employee he want to use for a service.
Alternative Flows	None

8.2.7 Add New Worker

Add New Worker

Use case	Explained
Use Case Name	Add new worker
Principal Actor	Person using
Objective	The admin panel will be used to add all kinds of workers. to enable the administrator to oversee the available worker.
Pre-Condition	2. The user is now signed into their website account.
After-Condition	The user of the website has successfully viewed and controlled the service they have introduced for their new employee.
Main-Success Scenario	1. The information about the service, including the worker's name, description, cost, and image, is shown by the system. 2. Workers can apply using this website based on the sort of work they want. 3. Employees can submit job application requests. 4. When an employee submits a request, the administrator will review the notice and approve the request.
Alternative Flows	None

9.2.8 Became Worker

Became Worker

Use case	Explained
Use Case Name	Became worker
Principal Actor	Person using
Objective	The admin panel will be used to add all forms of workers.
Pre-Condition	3. The user is now signed into their website account.
After-Condition	The user has effectively accessed and controlled the service they have added to their online worker profile.
Main-Success Scenario	1. The information about the service, including the worker's name, description, cost, and image, is shown by the system. 2. Workers can apply using this website based on the sort of work they want. 3. Employees can submit job application requests. 4. Upon receiving a request from an employee, the administrator will review the notice and approve the request.
Alternative Flows	None

10.2.9 Post to-Lets

Post to-Lets

Use case	Explained
Use Case Name	Post to-lets
Principal Actor	User
Objective	Via the admin panel, all kinds of became post-lets will be uploaded.
Pre-Condition	The user is now signed into their website account.
After-Condition	The user has effectively accessed and controlled the service they have added to their online post-lets.
Main-Success Scenario	1. The product's data, including the address, price, description, road number, location, and pictures, are shown by the system. 2. It is possible to list any kind of home or business for rent. 3. Requests can be sent by users. 4. When an employee submits a request, the administrator will review the notice and approve the request.
Alternative Flows	None

11.2.10 View Request

View Request

Use case	Explained
Use Case Name	View request
Principal Actor	Person using
Objective	to make the list of people who have registered visible to website visitors.
Pre - Condition	1. The administrator has accessed their website account and is logged in with administrative rights. 2. The website has users who have registered.
After-Condition	The list of website users who have registered has been successfully inspected by the admin.
Main-Success Scenario	1. The administrator navigates to the user management page. 2. The system displays a list of users who have registered on the website. 3. Admin has access to every user's personal information, including name, email address, and address.
Alternative Flows	None

3.3 Activity Diagram

3.3.1 User Registration

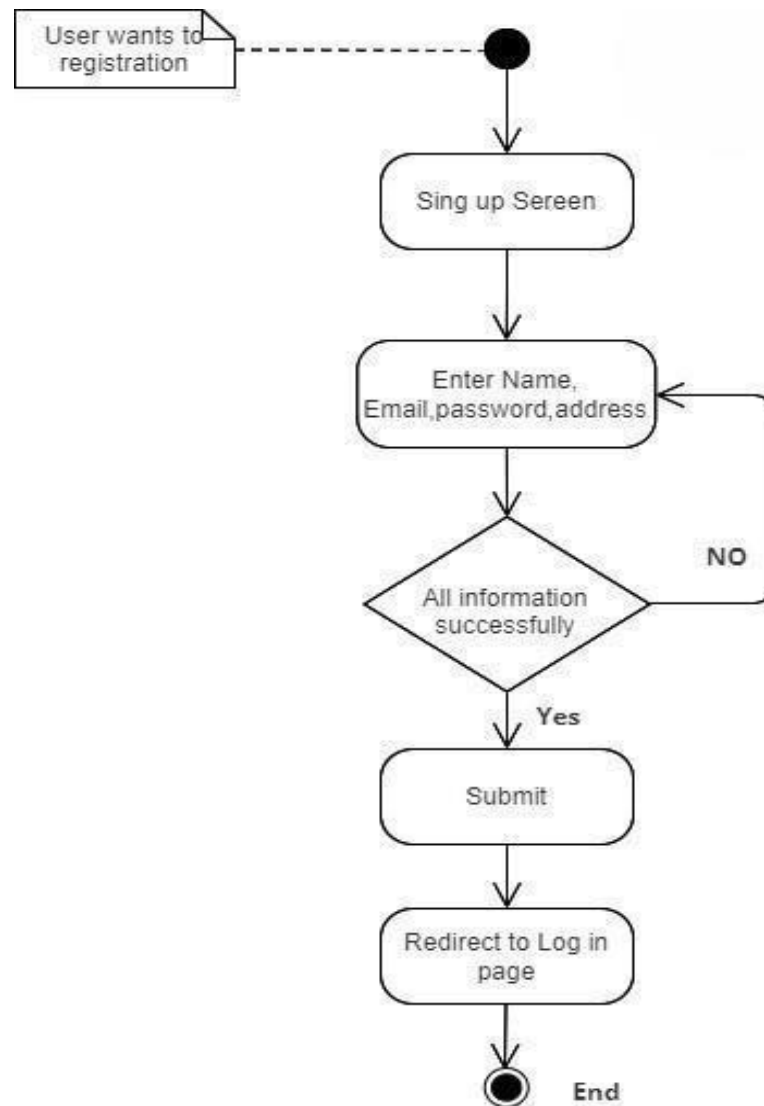


Figure 3.3.1: User Registration

3.3.2 Login

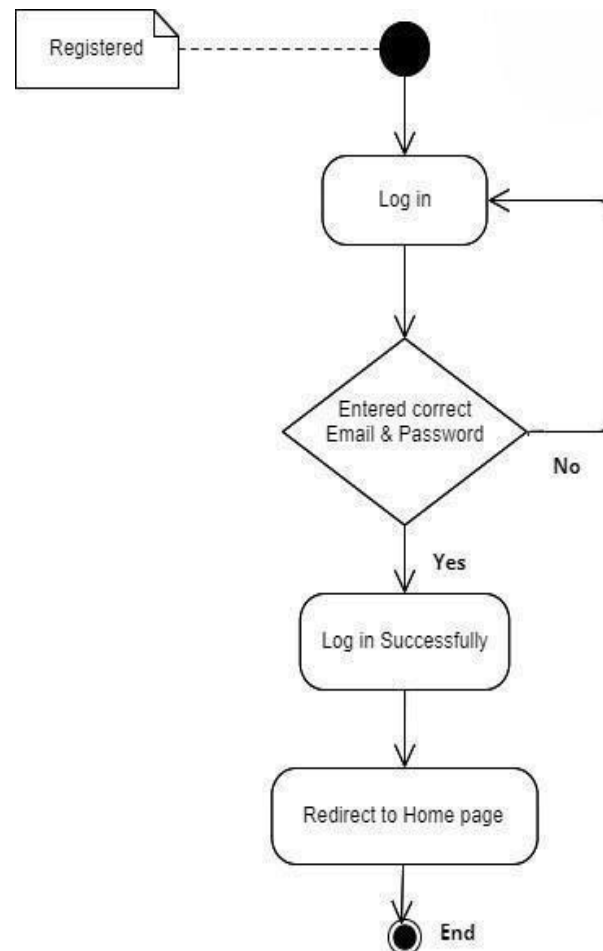


Figure 3.3.2 Login

3.3.3 View Service

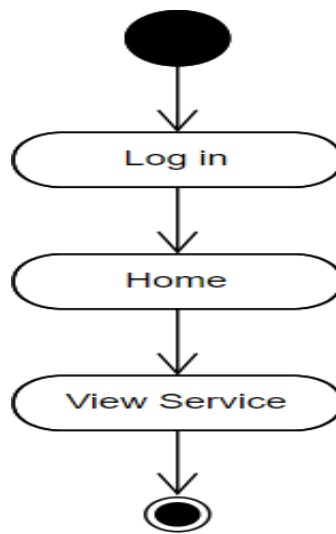


Figure 3.3.3 View Service

3.3.4 Search Worker

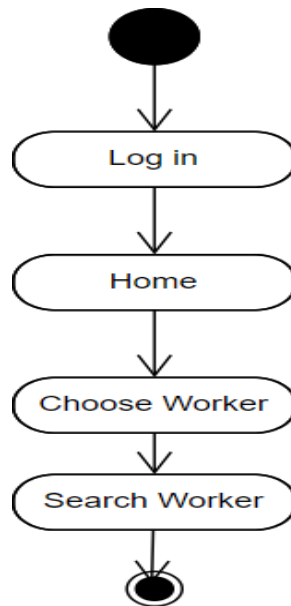


Figure 3.3.4 Search Worker

3.3.5 Choose Worker

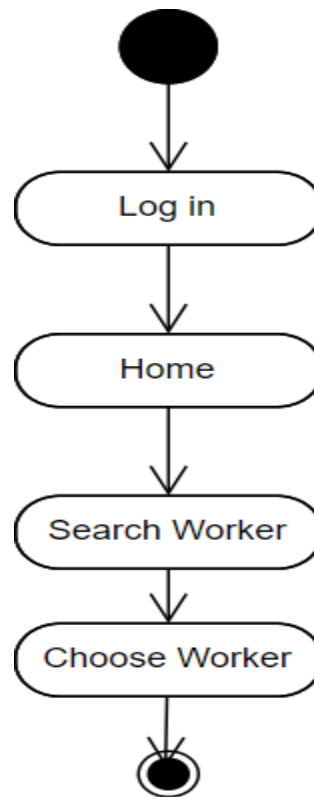
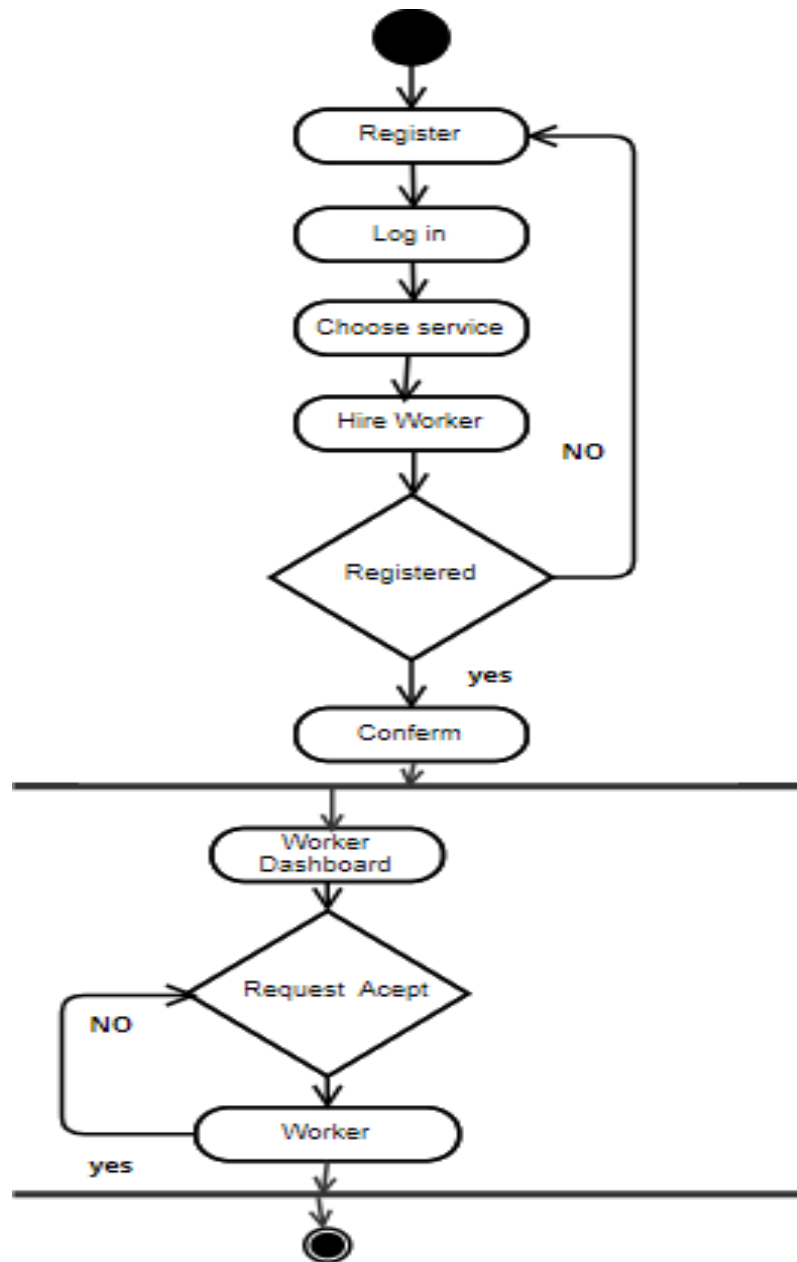


Figure 3.3.5 Choose Worker

3.3.6 Hair Worker

Figure 3.3.6 Hair Worker



3.3.7 Add New Service

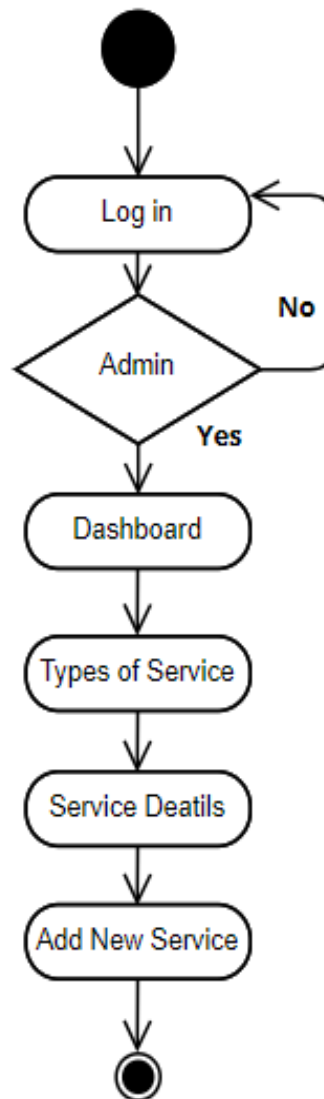


Figure 3.3.7 Add New Service

3.3.8 Add New Worker

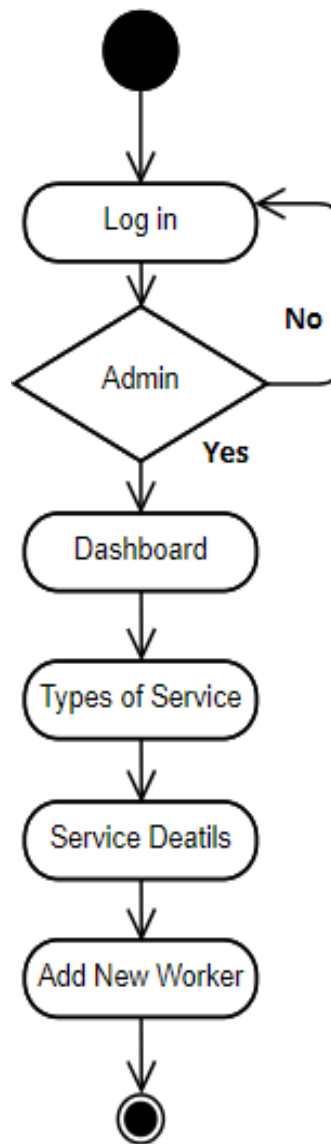


Figure 3.3.8 Add New Worker

3.3.9 Become Worker

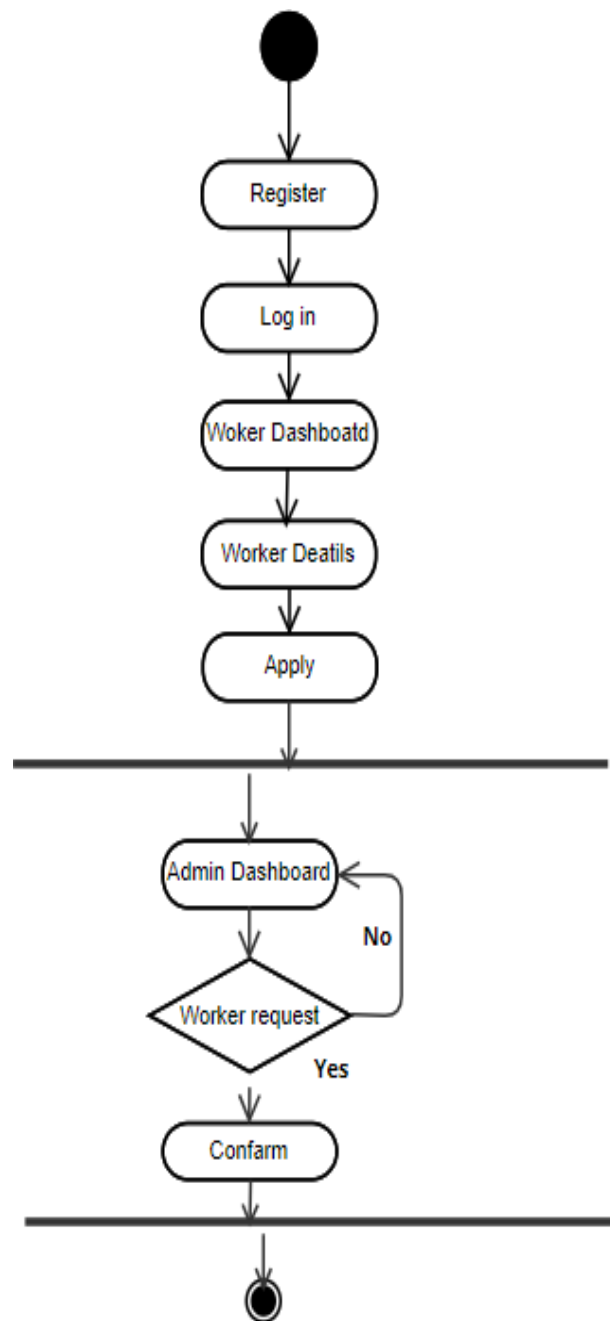


Figure 3.3.9 Become Worker

3.3.10 Post to-Lets

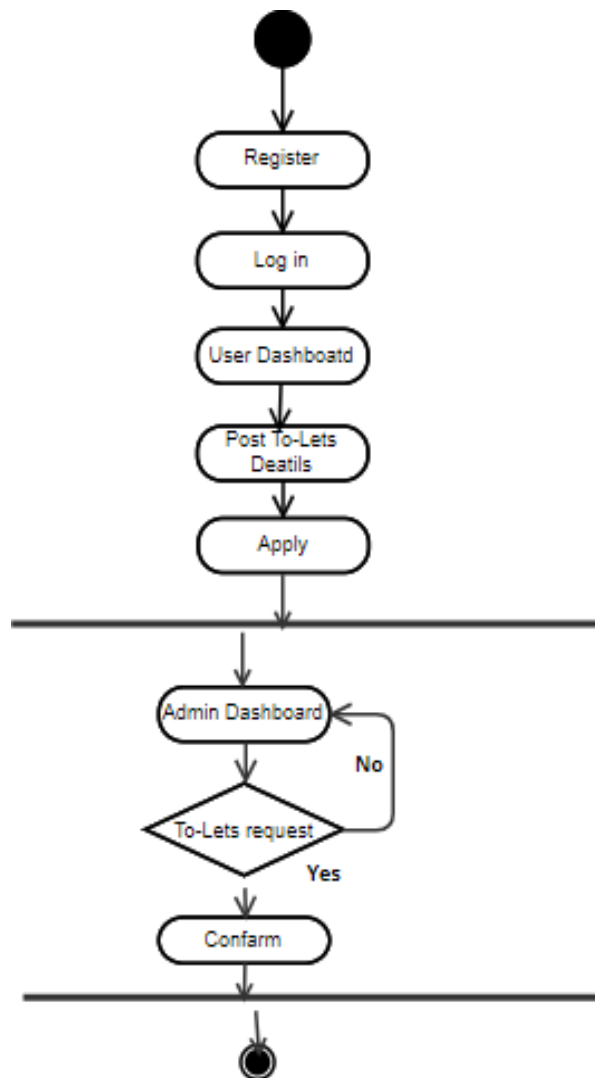


Figure 3.3.10 Post to-Lets

3.3.11 View Request

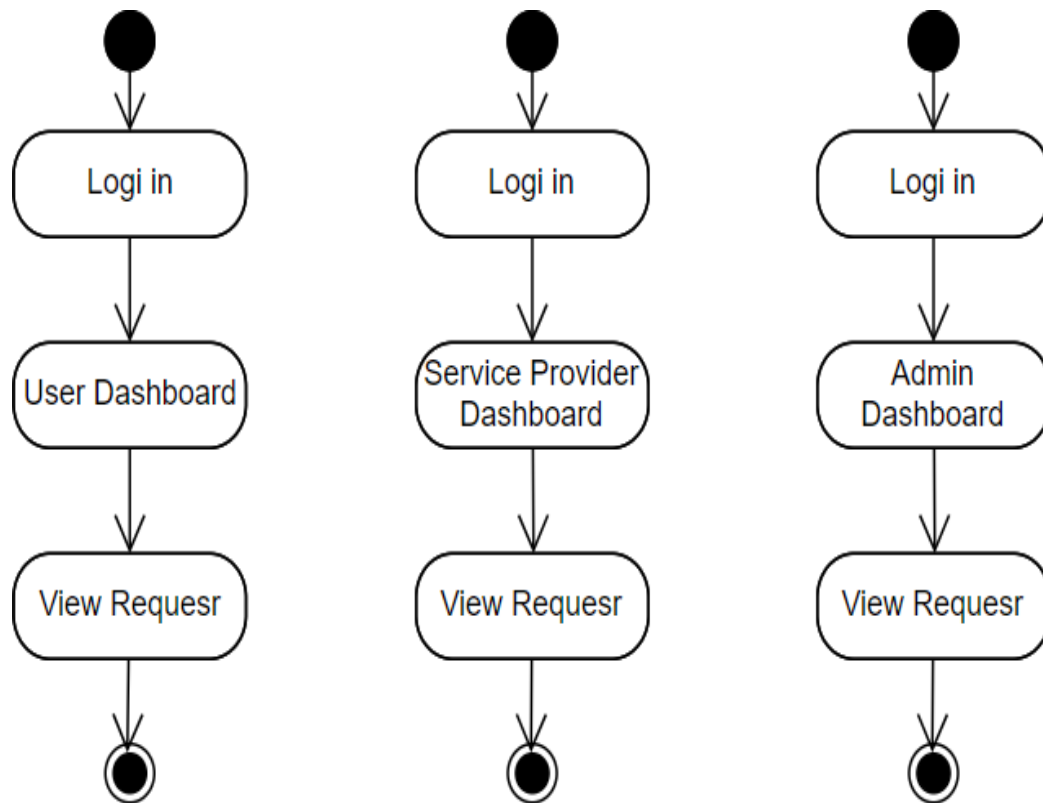


Figure 3.3.11 View Request

3.4 Sequence Diagram

3.4.1 Registration

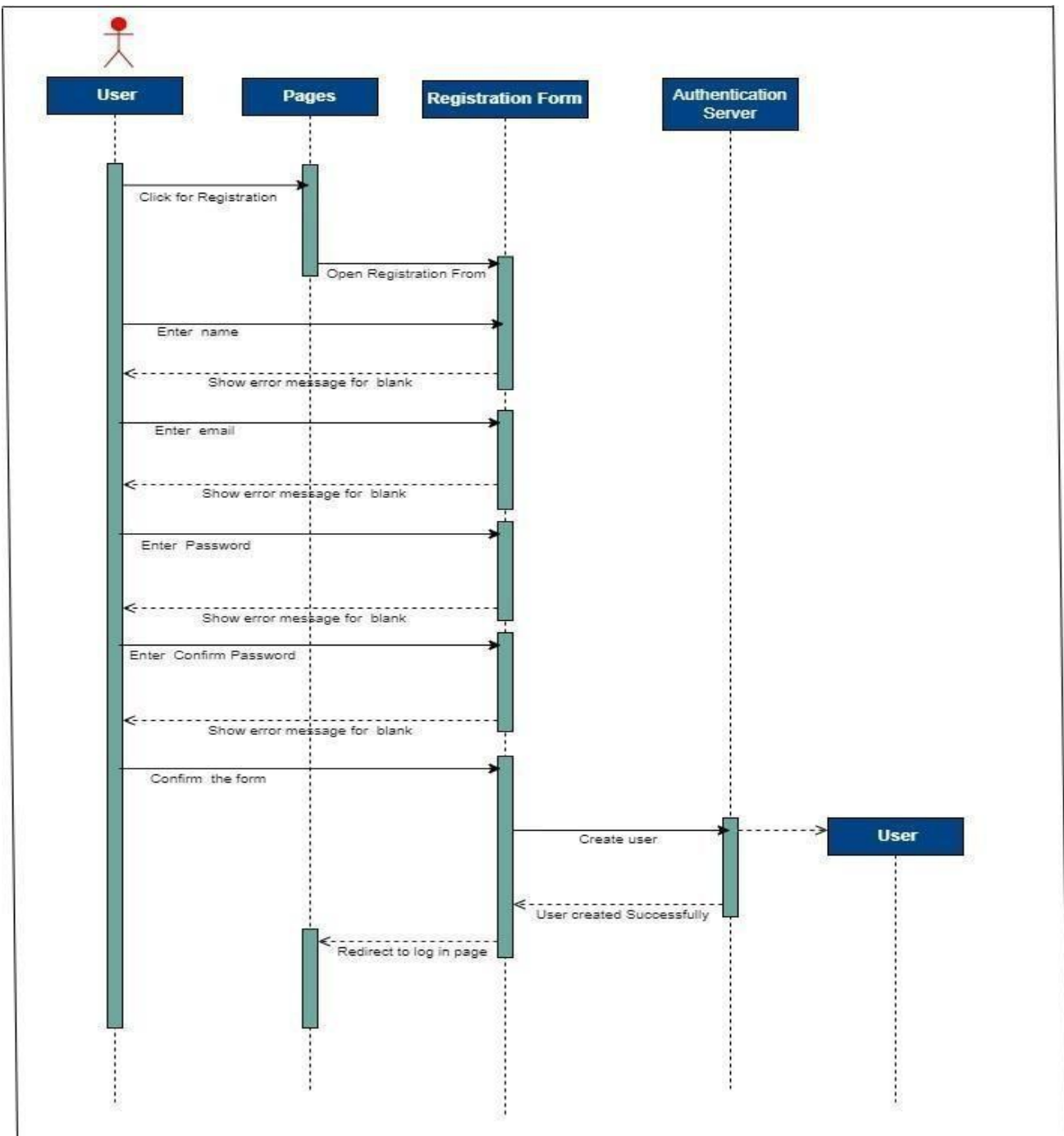


Figure 3.4.1: Registration

3.4.2 Login

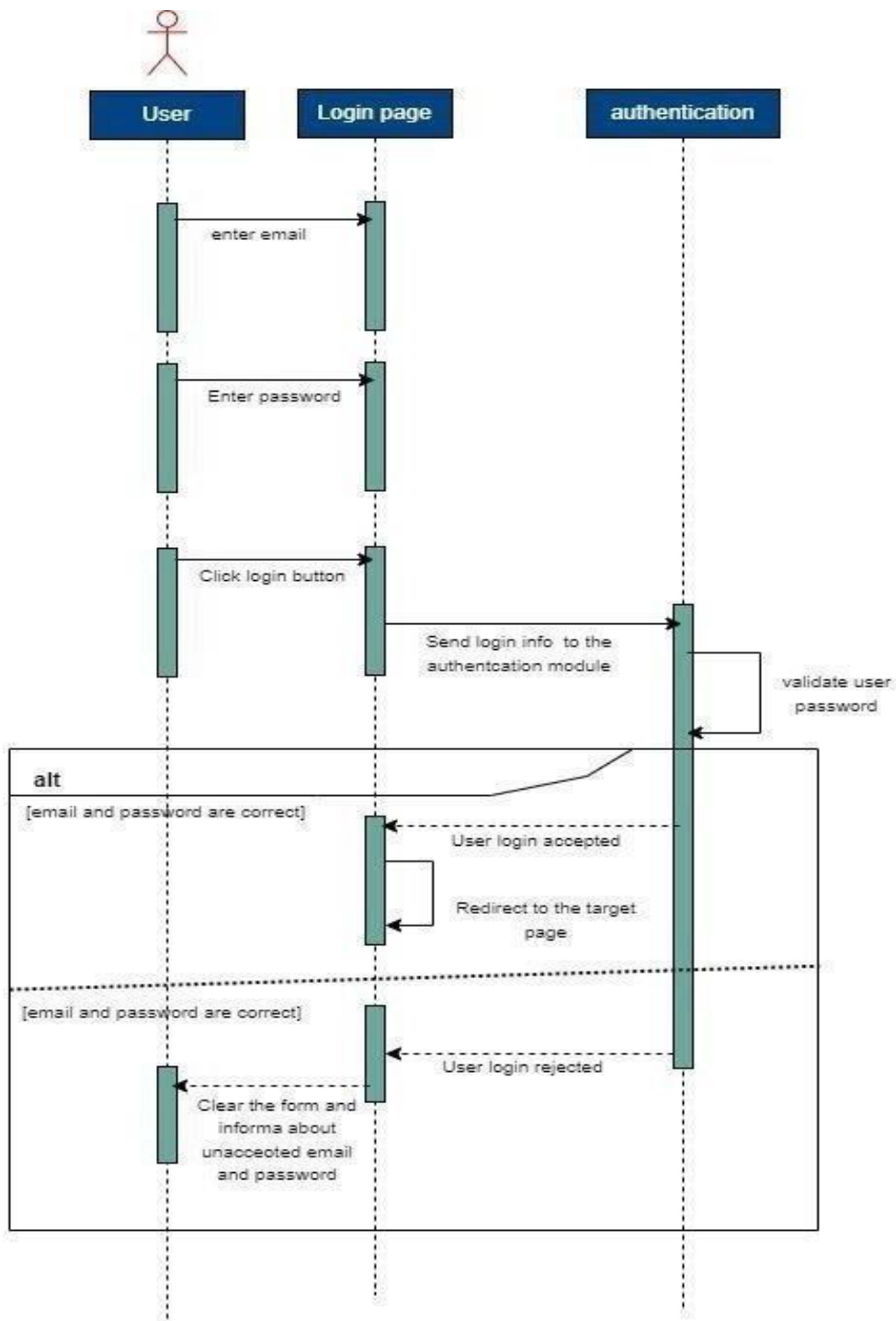


Figure 3.4.2 Login

3.4.3 View Service

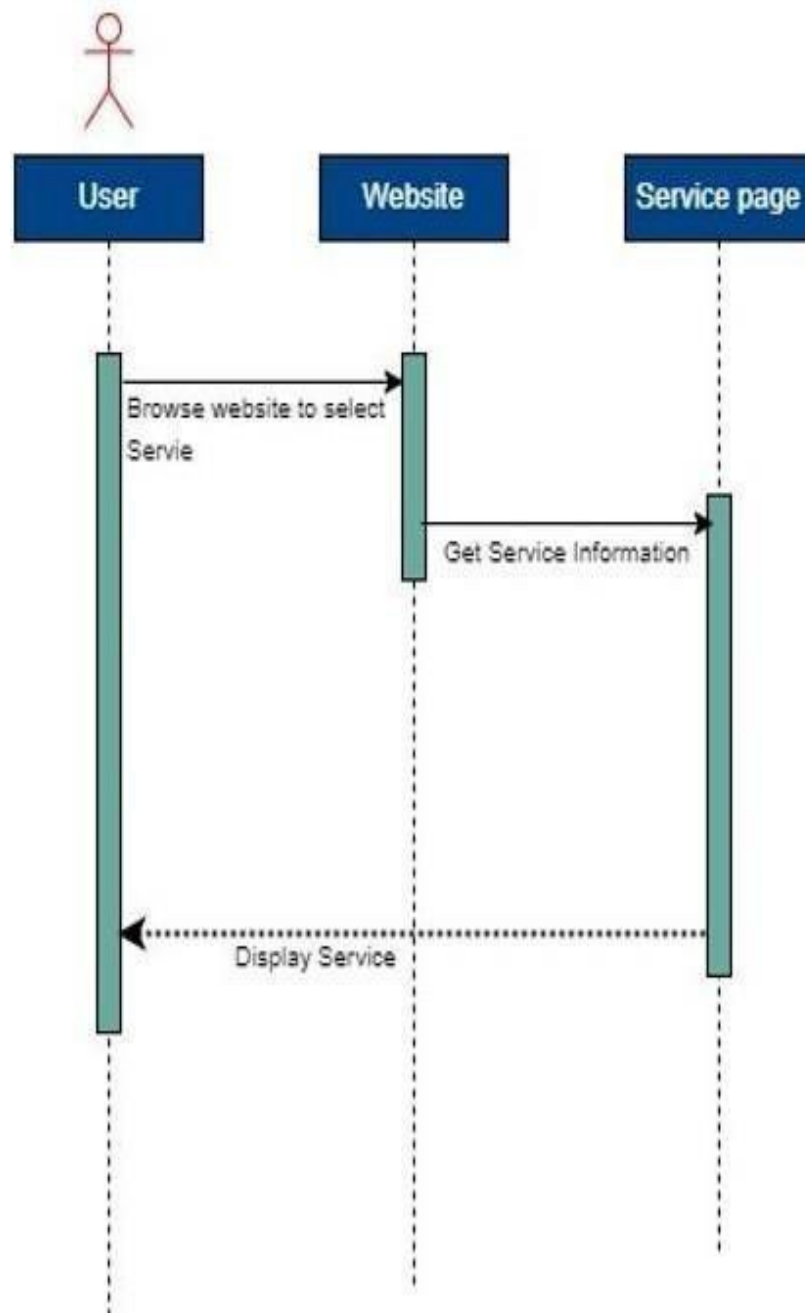


Figure 3.4.3 View Service

3.4.4 Search Worker

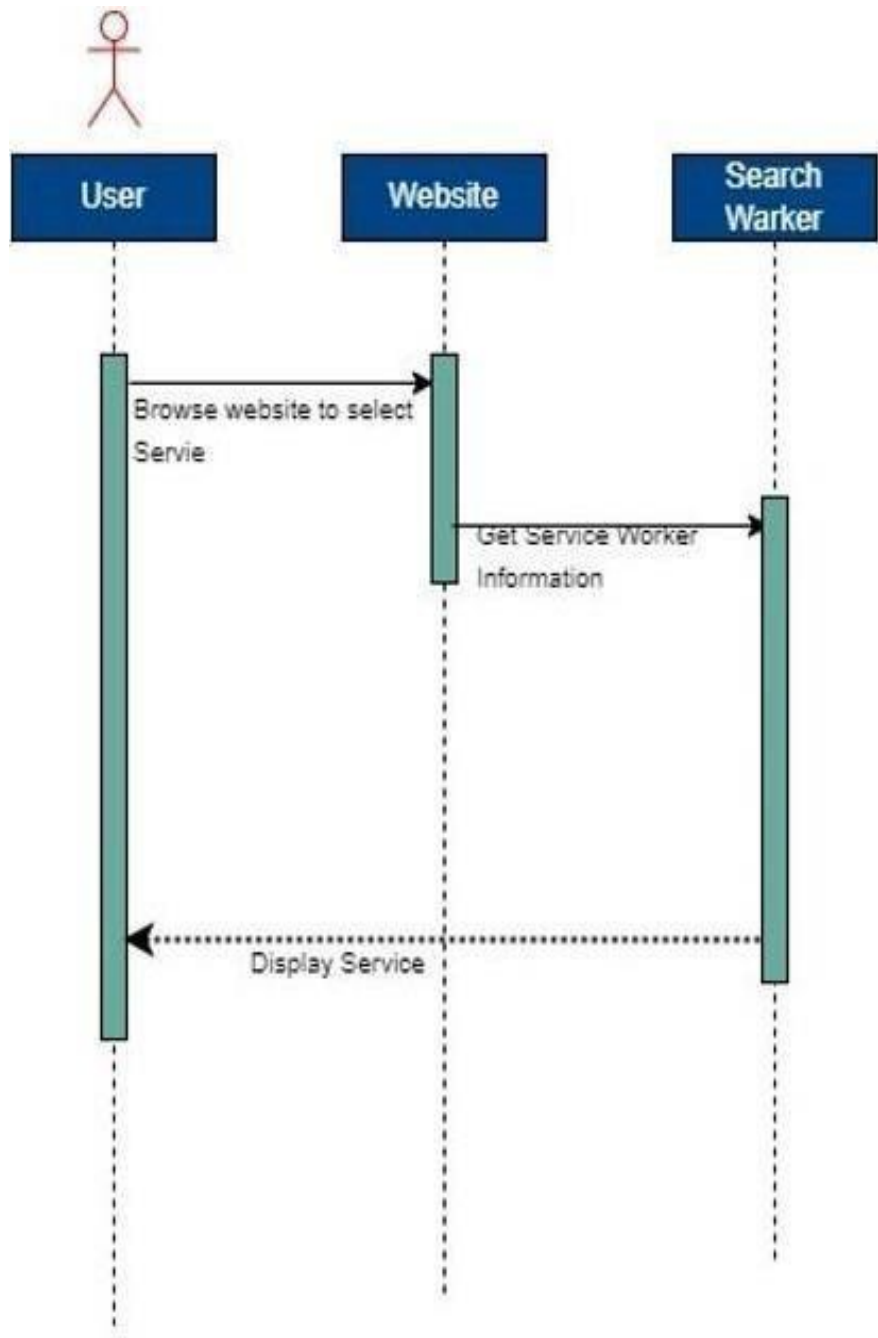


Figure 3.4.4 Search Worker

3.4.5 Choose Worker

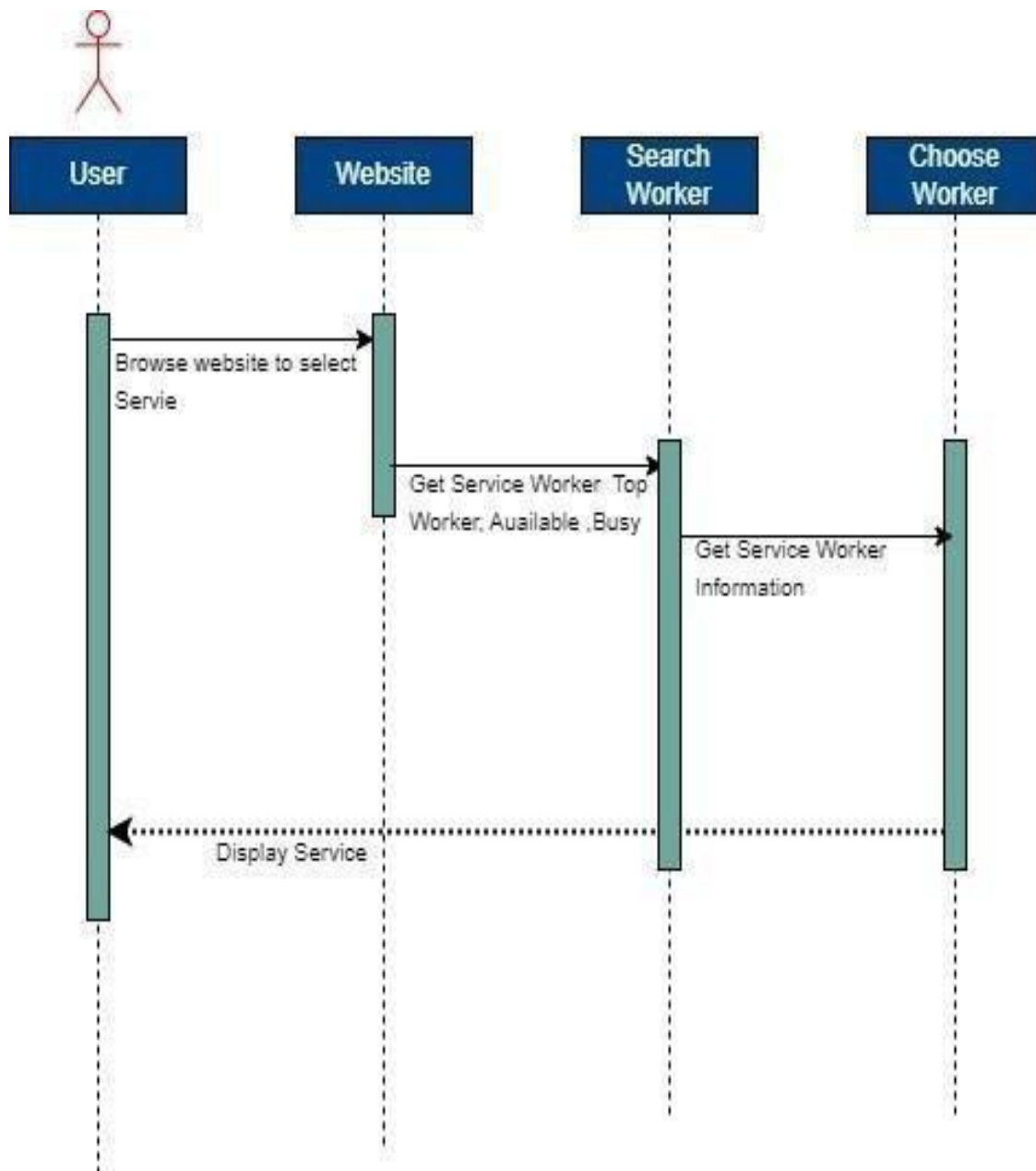


Figure 3.4.5 Choose Worker

3.4.6 Hair Worker

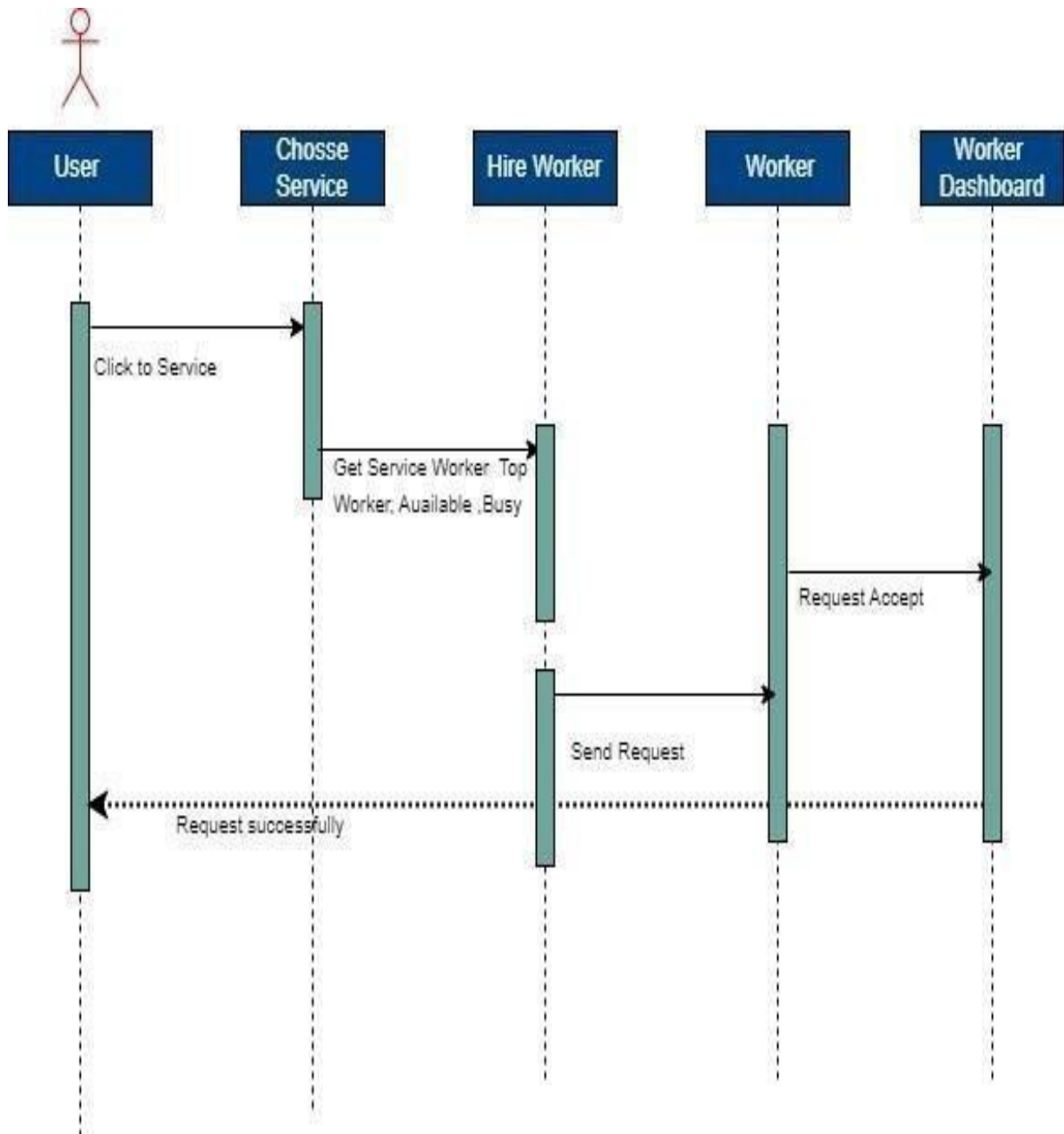


Figure 3.4.6 Hair Worker

3.4.7 Add New Service

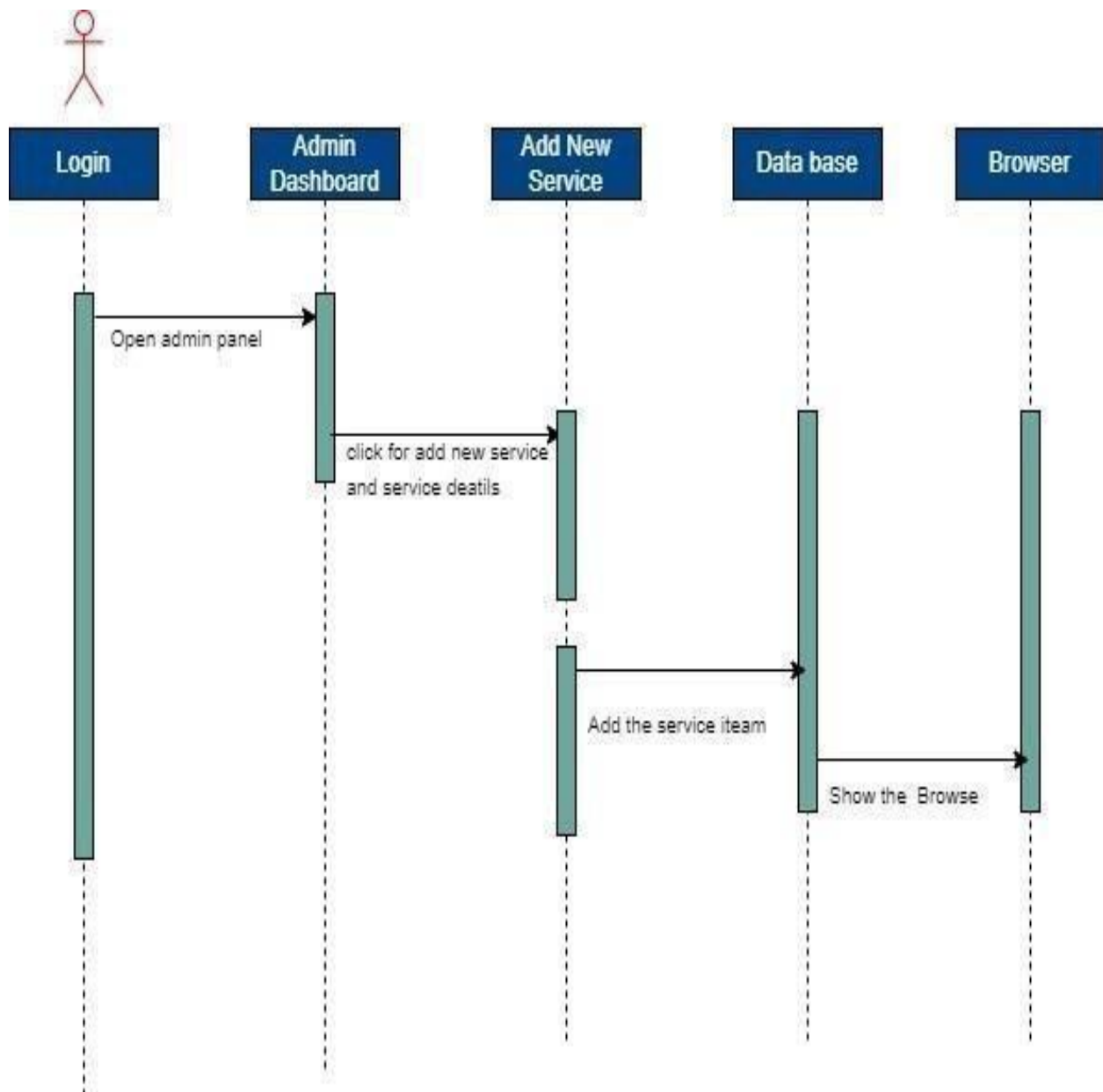


Figure 3.4.7 Add New Service

3.4.8 Add New Worker

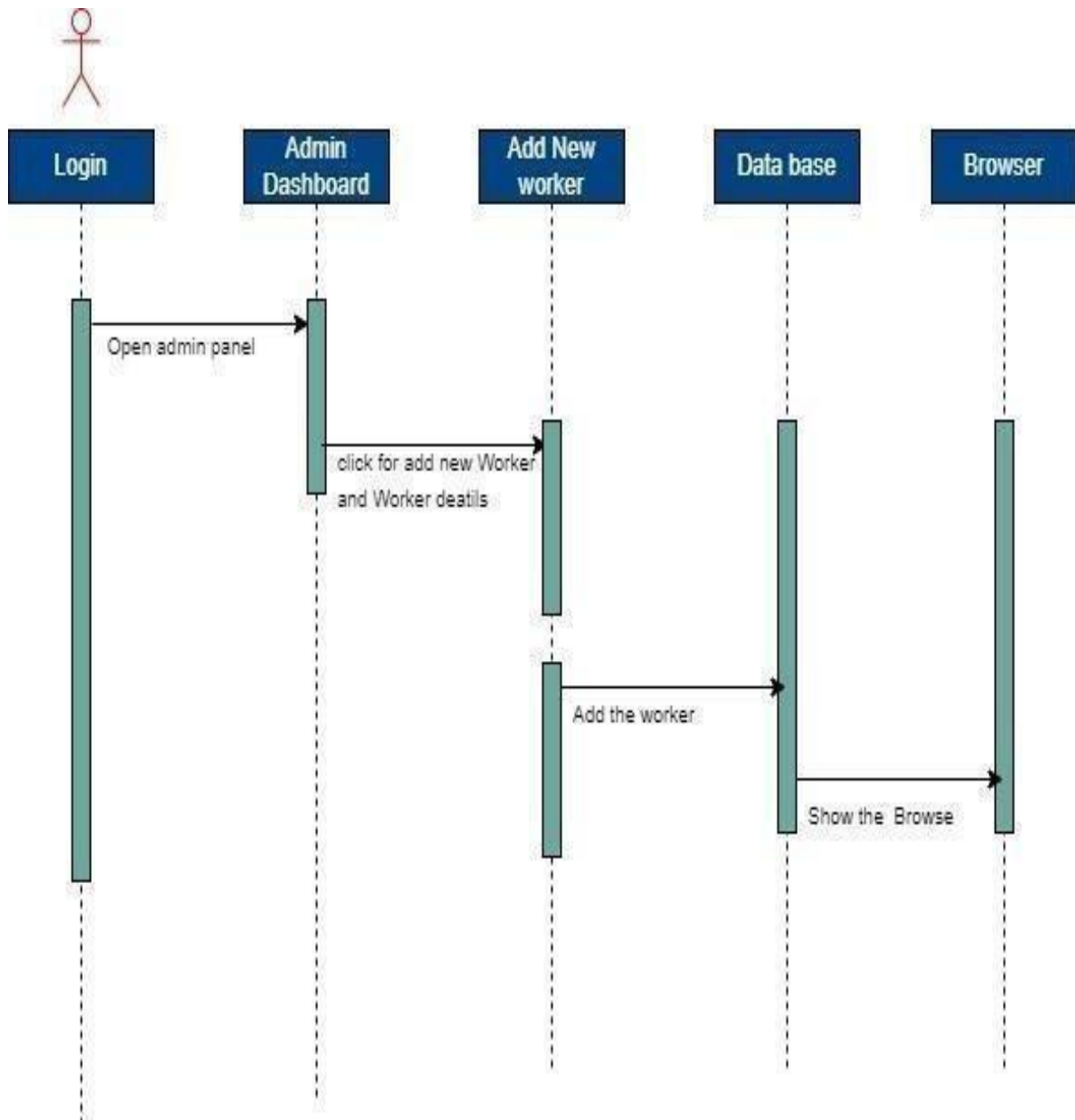
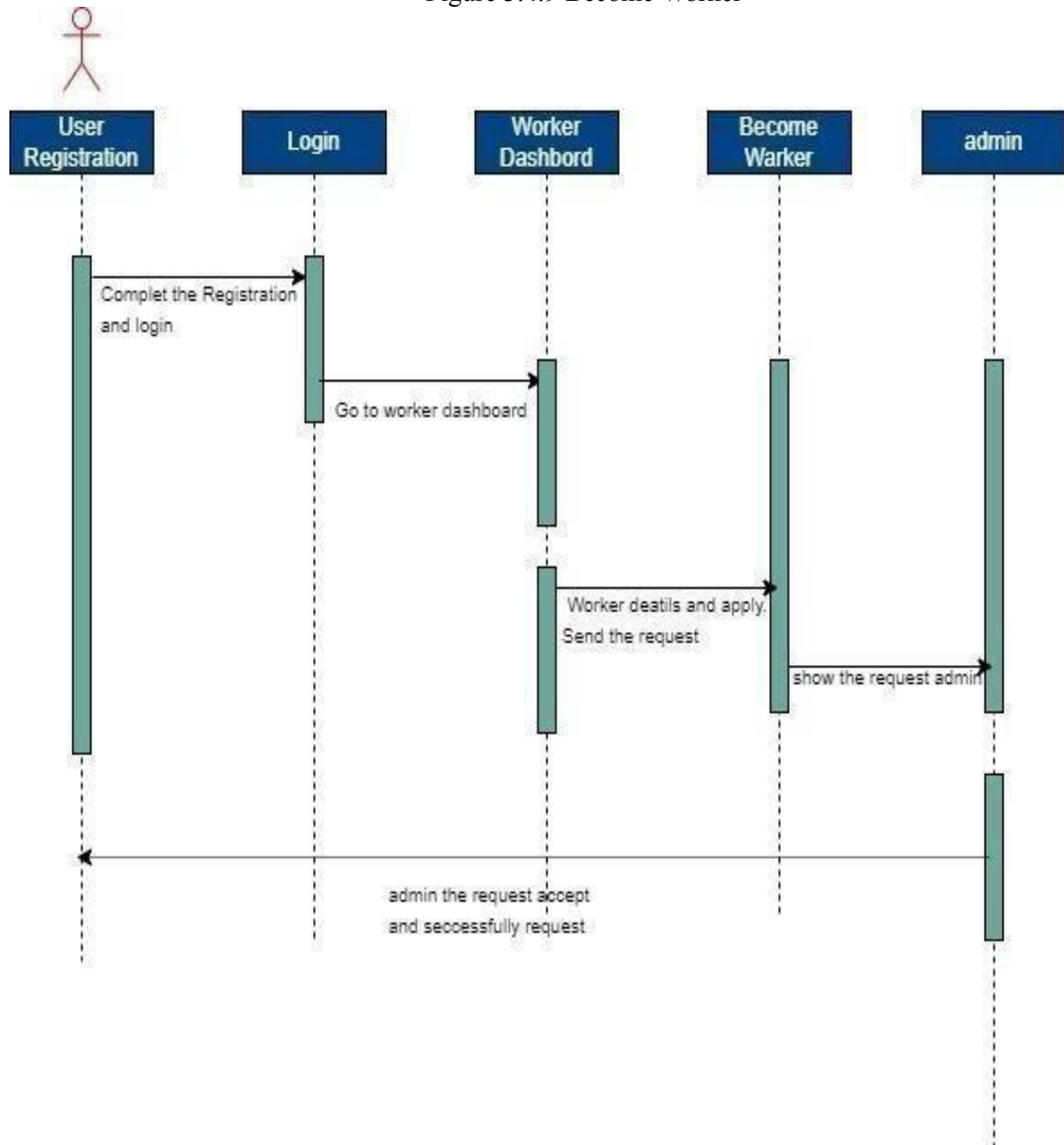


Figure 3.4.8 Add New Worker

3.4.9 Become Worker

Figure 3.4.9 Become Worker



3.4.10 Post to-Lets

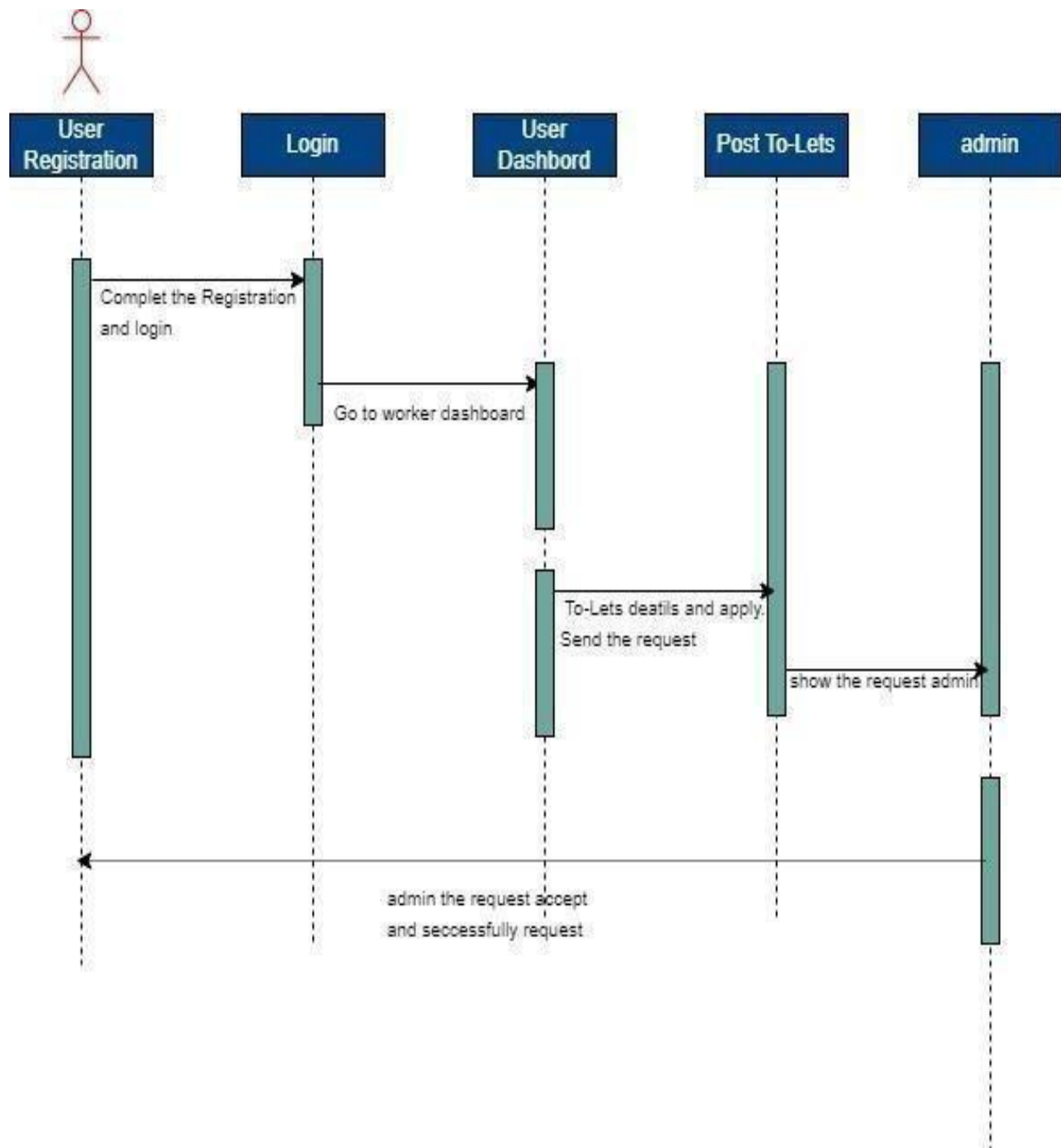


Figure 3.4.10 Post to-Lets

3.4.11 View Request

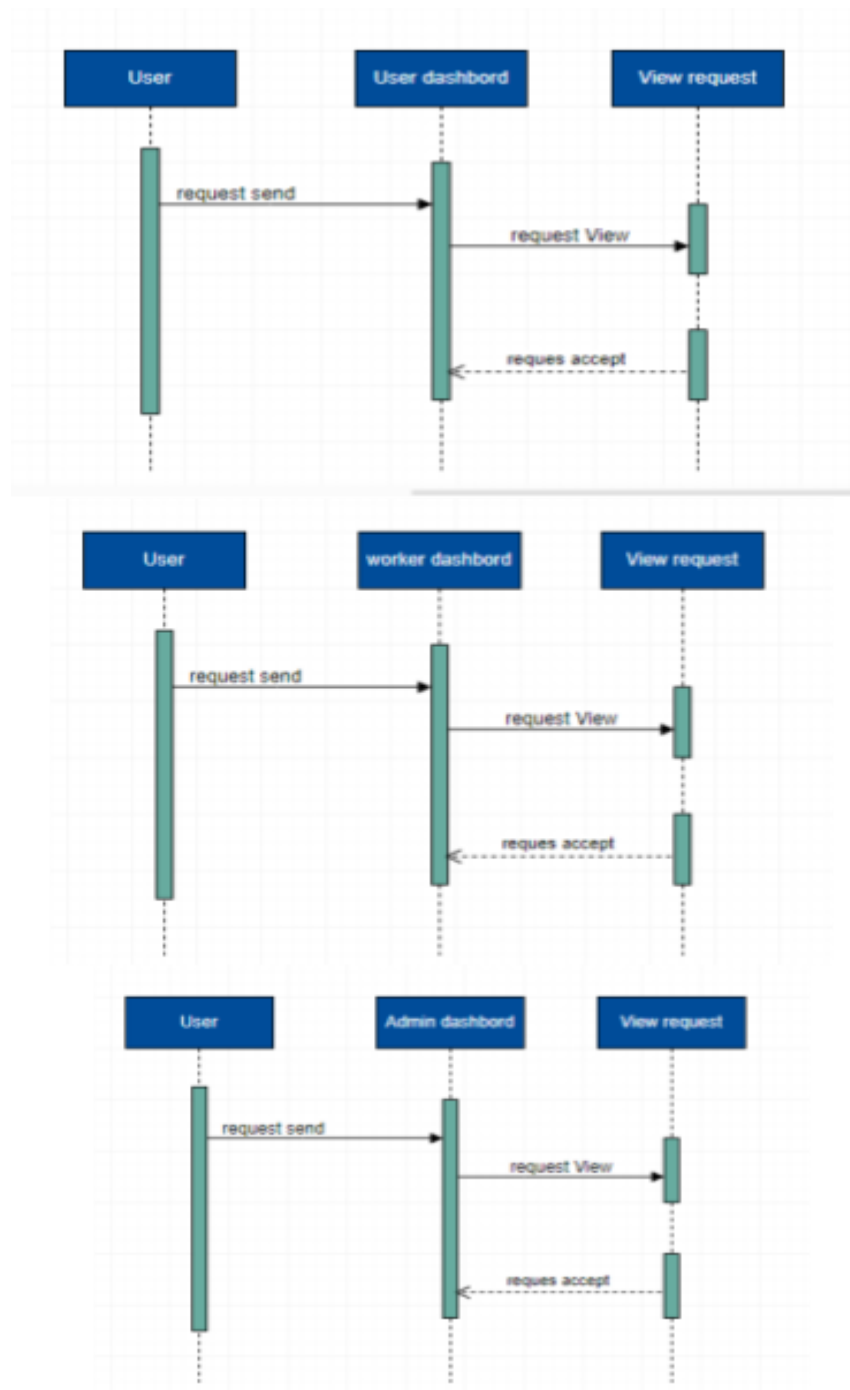


Figure 3.4.11 View Request

3.5 Entity Relationship Diagram

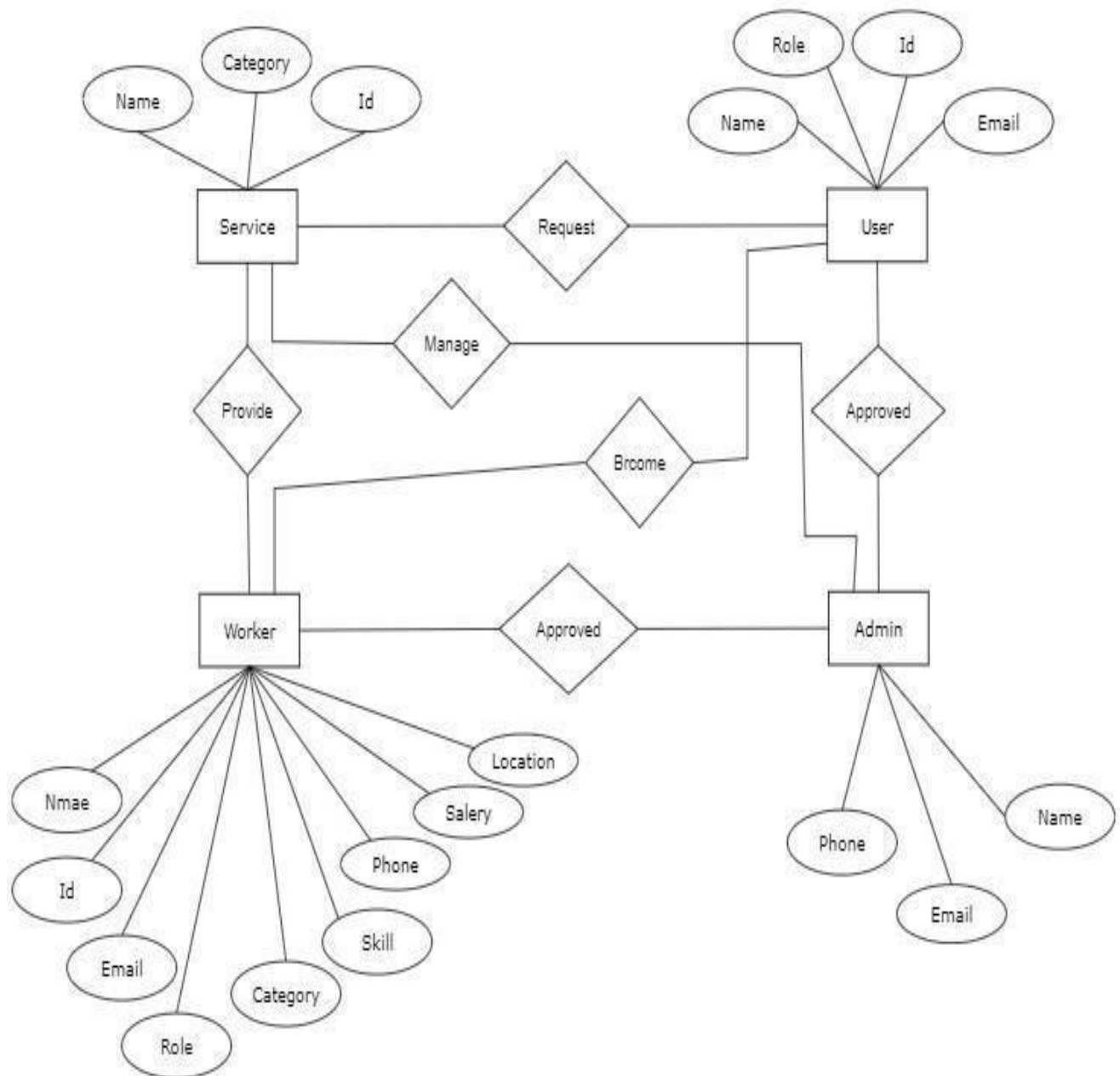


Figure 3.5 Entity Relationship Diagram

CHAPTER 4

DEVELOPMENT TOOL AND

TECHNOLOGY

4.1 Tool and platform

Hardware Specification:

processor	1.5GHz
RAM	2GB recommended
Disk Space	2GB of available

Hardware Specification:

Operating system (OS)	Windows 11
Front End	HTML, CSS, Bootstrap
Framework	React.js, Node.js, Express.js,
Back End	Node.js, Express.js
Text Editor	VS code
Database	MongoDB (No SQL)
Web Browser	Google Chrome, brave
Tools	MongoDB Compass,

CHAPTER 5

SYSTEM TESTING

5.1 Feature Testing

We test different iterations of a feature as part of the feature testing process in software development to get the best possible user experience. Every time a system modification is performed, user feature testing is necessary to produce a web application that is reliable, safe, and simple to use.

5.1.1 feature testing

Feature	Priority	Explained
Login	1	Authentication is required before the user, administrator, or employees may access the system.
Registration	1	The consumer must first register in order for the system to recognise them.
View Service	2	The type of service that is offered is visible to the user.
Search Worker	2	By searching, a user may learn more about the staff and make a selection based on the nature of the task.
Choose Worker	2	The user can select the worker of their choice.
Hair Worker	3	The user will submit their request for employment to the desired worker along with their location. The employee will grant the request and finish the task in accordance with the location.
Add New Service	1	By accessing the admin dashboard, further new services may be added.
Add New Worker	1	To add a new employee, navigate to the admin dashboard.
Become Worker	1	Workers themselves have the ability to apply for jobs as users and be added.

Post to-Lets	2	For example, users can post for tools for office or housing rent.
View Request	1	Through alerts, all request kinds may be seen in three different dashboard types. Dashboards for users, employees, and administrators.

Figure 5.1.1: features priority a table white description

5.2 Test Strategies

5.2.1 Test approach

- Two different types of testing are used to ensure system quality: block box testing and white box testing.
- Block box testing: This kind of testing is used when the results of the internal operations are uncertain. It is also known as functional and behavioral testing.
- Testing with white boxes: White box testing, often called clear box testing, looks at how software is designed and functions inside to improve its usability, security, and design while verifying input-output flow.

5.2.2 Testing Schedule

Phase of testing	Time
Make a test strategy	1 Weekly
Testing Units	During Development
Testing Component	During Development
Testing Interface user	1 Weekly
Testing performance	2 Weekly
Testing Accessibility	2 Weekly

Figure 4.2.2: Testing schedule

5.3 Test Cases

5.3.1 Test Case for Registration

Test Case 01	Case Name: The registration panels.
Created By: Md. Abdul Baki	Design Date: 26.05.24
Performed: Md. Abdul Baki	Execute Date: 26.05.24
Brief Description: The registration is managed by this case.	
Required: Go to: http://localhost:3000/register	

Steps	Activation	Activation Result	Anticipated System Reaction	Pass/Fail
1	Select the Register option	A message is necessary	A message is necessary	pass
2	Enter Incorrect email address, pet number, address and password	Inaccurate message	No a message is necessary	Fail
3	Enter your phone number, address, email, password, and net name in the field.	Inaccurate message	No a message is necessary	Fail
4	Add a working email address, phone number, address and pet's name.	Registered	User Registered successfully	pass

5.3.2 Test Case for Login

Test Case 02	Case Name: The registration panels.
Create By: Md. Abdul Baki	Design Date: 26.05.24
Performed By: Md. Abdul Baki	Execute Date: 26.05.24
Brief Description: This case manages the Login operator.	

Required: Go to: <http://localhost:3000/login>

Steps	Activation	Activation Result	Anticipated System Reaction	Pass/Fail
1	Select on the Login Button.	A message is necessary	A message is necessary	Pass
2	Enter an incorrect password and a valid email address	Inaccurate message	Message is not necessary.	Fail
3	Email and password fields are empty.	Inaccurate message	Message is not necessary.	Fail
4	Enter a working email address and password.	Login	Login successfully	Pass

5.3.3 Test Case for View Service

Test Case 03	Case Name: The View Service.
Created By: Md. Abdul Baki	Design Date: 26.05.24
Performed By: Md. Abdul Baki	Execute Date: 26.05.24
Brief Description: This case manages the View Service operator.	
Required: Go to: http://localhost:3000/allServices	

Steps	Activation	Activation Result	Anticipated system Reaction	Pass/fail
1	Select on Login Button	A message is necessary.	A message is necessary	pass

2	Proceed without Login	A message is necessary.	Message is not necessary	Fail
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5.3.4 Test Case for Choose worker

Test case 04	Case Name: The Choose worker.
Created By: Md. Abdul Baki	Design Date: 26.05.24
Performed: Md. Abdul Baki	Execute Date: 26.05.24
Brief Description: The choose worker function is handled by this case.	
Required: Go to: http://localhost:3000/workers	

Steps	Activation	Activation Result	Anticipated System Reaction	Pass/fail
1	Select on Login Button	A message is necessary	A message is necessary	pass
2	Proceed without Login	A message is necessary	A message is not necessary	Fail

5.3.5 Test Case for Hair worker

Test case 05	Case Name: The Hair worker.
Created By: Md. Abdul Baki	Design Date: 26.05.24
Performed By: Md. Abdul Baki	Execute Date: 26.05.24
Brief Description: This case deals with the function of the hair worker.	
Required: Go to: http://localhost:3000/workers	

Steps	Activation	Activation Result	Anticipated System Reaction	Pass/fail
1	Select on Login Button	A message is necessary	A message is necessary	pass
2	Proceed without Login	Redirect to Home Page	A message is not necessary	Fail
3	Click on Choose Worker and address or location	Error Message or busy	No Required Message or busy	fail
4	Click Worker Send Request	Required Message or request accept	Required Message or request accept	fail

5.3.6 Test Case for Add New Service

Test case 06	Case Name: Add New service.
Created By: Md. Abdul Baki	Design Date: 26.05.24
Performed BY: Md. Abdul Baki	Execute Date: 26.05.24
Brief Description: Include a fresh offering This case handles the function.	
Required: Go to: http://localhost:3000/adminDashboard/add-service	

Steps	Activation	Activation Result	Anticipated System Reaction	Pass/Fail
1	Select on Login Button	A message is necessary	A message is necessary	Pass
2	Proceed without Login	Redirect to Home Page	A message isn't necessary	Fail
3	Click on service name, Service Image, about the service, select category	Inaccurate message	A message isn't necessary	Fail

4	Select on add	A message is necessary	A message is necessary	Pass
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5.3.7 Test Case for Add New Worker

Test case 07	Case Name: Add New Worker.
Created By: Md. Abdul Baki	Design Date: 26.05.24
Performed By: Md. Abdul Baki	Execute Date: 26.05.24
Brief Description: Include a new worker function that this case handles.	
Required: Go to: http://localhost:3000/adminDashboard/add-worker	

Steps	Activation	Activation Result	Anticipated System Reaction	Pass/Fail
1	Select on Login Button	A message is Necessary	A message is necessary	pass
2	Proceed without Login	Redirect to Home Page	A message isn't necessary	Fail
3	Click on worker name, email, phone number, location, experience, skill, select category, salary, image.	Error Message	A message isn't necessary	Fail
4	Select on add	A Message is necessary	A message is necessary	Pass

5.3.8 Test Case for Become Worker

Test case 08	Case Name: The Become Worker.
Created By: Md. Abdul Baki	Design Date: 26.05.24
Performed By: Md. Abdul Baki	Execute Date: 26.05.24
Brief Description: This scenario deals with the function of the becoming worker.	
Required: Go to: http://localhost:3000/becomeworker	

Steps	Activation	Activation result	Anticipated System Reaction	Pass/Fail
1	Click on Login Button	A message is necessary	A message is necessary	pass
2	Proceed without Login	Redirect to Home Page	A message isn't necessary	Fail
3	Click on worker name, email, phone number, location, experience, skill, select category, salary, image.	Inaccurate message	A message isn't necessary	Fail
4	Click on Apply	A message is necessary	A message is necessary	Pass

5.3.9 Test Case for Post To-lets

Test case 09	Case Name: Become Worker.
Created By: Md. Abdul Baki	Design Date: 26.05.24
Performed By: Md. Abdul Baki	Execute Date: 26.05.24
Brief Description: turn into a worker function that this case handles.	
Required: Go to: http://localhost:3000/adminDashboard/post-toLet	

Steps	Activation	Activation Result	Anticipated System Reaction	Pass/Fail
1	Select on Login Button	A message is Necessary	A message is necessary	pass
2	Proceed without Login	Redirect to Home Page	A message isn't necessary	Fail
3	Click on worker name, email, phone number, house price, house location, select house category, image	Inaccurate Message	A message isn't necessary	Fail
4	Click on add	A message is necessary	A message is necessary	Pass

5.3.10 Test Case for View Request

Tast Case 10	Case Name: View request.
Created By: Md. Abdul Baki	Design Date: 26.05.24
Performed By: Md. Abdul Baki	Execute Date: 26.05.24
Brief Description: This scenario deals with the view request function.	
Required: Go to: http://localhost:3000/adminDashboard/worker-requests	

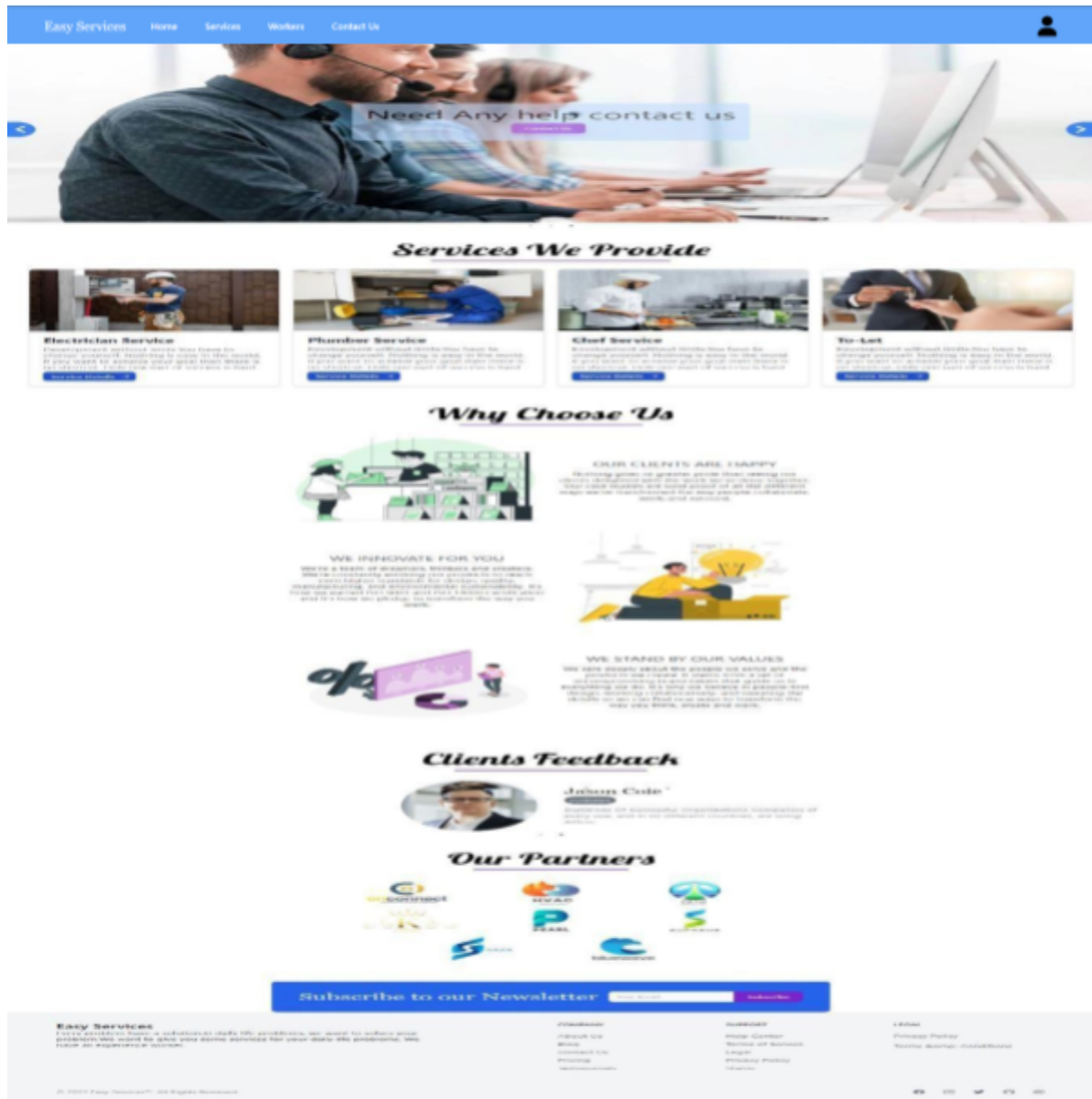
Steps	Activation	Activation Result	Anticipated System Reaction	Pass/Fail
1	Select on Login Button	A message is necessary	A message is necessary	pass
2	Proceed without Login	Redirect to Home Page	No Required Message	Fail

3	Select on users to see all users	No Required Message	No Required Message	pass
----------	----------------------------------	---------------------	---------------------	------

CHAPTER – 6

USER MANUAL

6.1 Easy Service – Home



6.2 Customer/worker Registration

Easy Service

Let's Start Our Journey

Sign Up

NAME

rezwan

EMAIL

rezwanu35-2690@diu.edu.bd

PASSWORD

CONFIRM PASSWORD

SIGN UP NOW

SIGN IN

6.3 Customer/worker Login

Easy Service

Let's Start Our Journey

Sign In

EMAIL ADDRESS OR PHONE NUMBER

rezwanu35-2690@diu.edu.bd

PASSWORD

SIGN IN

Or, Login With google

SIGN UP

6.4 View Service

[Easy Services](#)
[Home](#)
[Services](#)
[Workers](#)
[Contact Us](#)
[Log In](#)

Services We Provide



Electrician Service

Development without limits.You have to change yourself. Nothing is easy in the world. If you want to achieve your goal then there is no shortcut. Only one part of success is hard

[Service Details →](#)



Plumber Service

Development without limits.You have to change yourself. Nothing is easy in the world. If you want to achieve your goal then there is no shortcut. Only one part of success is hard

[Service Details →](#)



Chef Service

Development without limits.You have to change yourself. Nothing is easy in the world. If you want to achieve your goal then there is no shortcut. Only one part of success is hard

[Service Details →](#)



To-Let

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Every problem have a solution.In daily life problems, we want to solves your problem.We want to give you some services for your daily life problems. We have all experience worker.

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Welcome to our Electrician site

Our electrician expertise isn't all that sets us apart. Instead, At EES, Member has a lot of electrician experience. That's why our team extends a lot of professional electrician services at an affordable price. All from friendly and knowledgeable technicians. If you need electrician installation, maintenance or repairs in your home, give us a call.

[Available this weekend](#)

Lighting Response Time

You shouldn't have to wait to get your emergency fixed. We make ourselves on our 24/7 availability and same day response.

FAIR & OPEN PRICING

We'll provide you with a free all-inclusive quote before you commit to anything. No hidden fees or nasty surprises.

Expertise You Can Trust

Our members are fully licensed and insured, and possess all the tools and equipment necessary to get the job done.

Through Fix

We find the root cause of the issue, and help you prevent it from happening again.

Our Services

Our estimates are free, so schedule an appointment with our online scheduling

Emergency Service

Electrician repairs with priority for 24-hour emergency service. We have a team of professional electricians that will respond to your emergency within 2 hours. 24 hours a day, 7 days a week. We operate in emergency home work.

Energy Efficiency

Power and energy through the right kind of tools, can help you with energy issues. We'll help you find the right kind of energy efficiency and other energy solutions in place.

Electrical Testing

Power Electrician offers a full range of electrical testing including electrical safety, load testing, testing, power factor analysis, ground fault testing, and more.

Power Quality

Power Electrician offers a full range of electrical testing, power factor analysis, ground fault testing, and more.

Backup

We provide generators and UPS solutions from 5 kilowatts to 1 megawatt, ensuring your business or home can continue to operate under the most extreme conditions.

Lighting Design

Our experienced professionals provide lighting design for homes, offices, commercial offices and more. We'll provide you with a free energy efficiency and other energy solutions in place.

Service Upgrades

Power Electrician can help you choose the best option for upgrading your service. We will provide you with a free evaluation and make sure you know what the right choice is for you.

Renovations/New Construction

Power Electrician can assist in any type of project including new construction, offices, schools, businesses, and homes. Our professional electricians provide electrical construction work.

Easy Services

Every problem have a solution in daily life problems, we want to solve your problem. We want to give you some services for your daily life problems. We have all experience worker.

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6.5 Choose Service

Why Choose Us



OUR CLIENTS ARE HAPPY

Nothing gives us greater pride than seeing our clients delighted with the work we've done together. Our case studies are solid proof of all the different ways we've transformed the way people collaborate, work, and succeed.

WE INNOVATE FOR YOU

We're a team of dreamers, thinkers and creators. We're constantly evolving our products to reach even higher standards for design, quality, manufacturing, and environmental sustainability. We



Services We Provide



Electrician Service

Development without limits. You have to change yourself. Nothing is easy in the world. If you want to achieve your goal then there is no shortcut. Only one part of success is hard

[Service Details →](#)



Plumber Service

Development without limits. You have to change yourself. Nothing is easy in the world. If you want to achieve your goal then there is no shortcut. Only one part of success is hard

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Chef Service

Development without limits. You have to change yourself. Nothing is easy in the world. If you want to achieve your goal then there is no shortcut. Only one part of success is hard

[Service Details →](#)



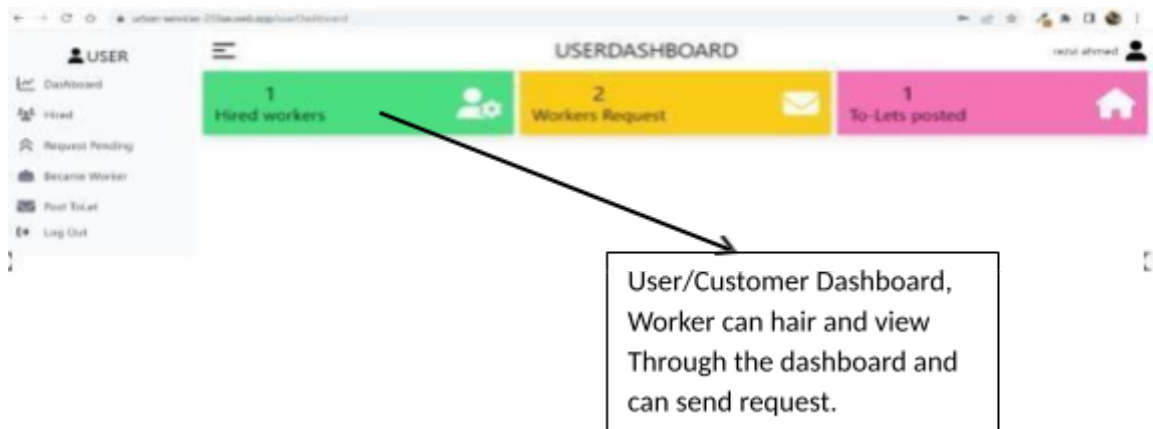
To-Let

Development without limits. You have to change yourself. Nothing is easy in the world. If you want to achieve your goal then there is no shortcut. Only one part of success is hard

[Service Details →](#)

Why Choose Us

User Dashboard



User Request

All Available Electrician

The image displays four worker profiles for electricians, each with a photo, name, experience, location, contact information, salary, and buttons for 'Details' and 'Hire Now' or 'Request'.

- Kabir Hossain**
Experience: 5+ year
Location: Dharmad
Salary: 5000
Buttons: Details, Hire Now
- Md. Sojib**
Experience: 0-1 year
Location: Dharmad
Salary: 5000
Buttons: Details, Request
- Md. Azad Ahmed**
Experience: 0-1 year
Location: Dharmad
Salary: 5000
Buttons: Details, Hire Now
- Rezvi Ahmed**
Experience: 5+ year
Location: Dharmad
Salary: 5000
Buttons: Details, Hire Now

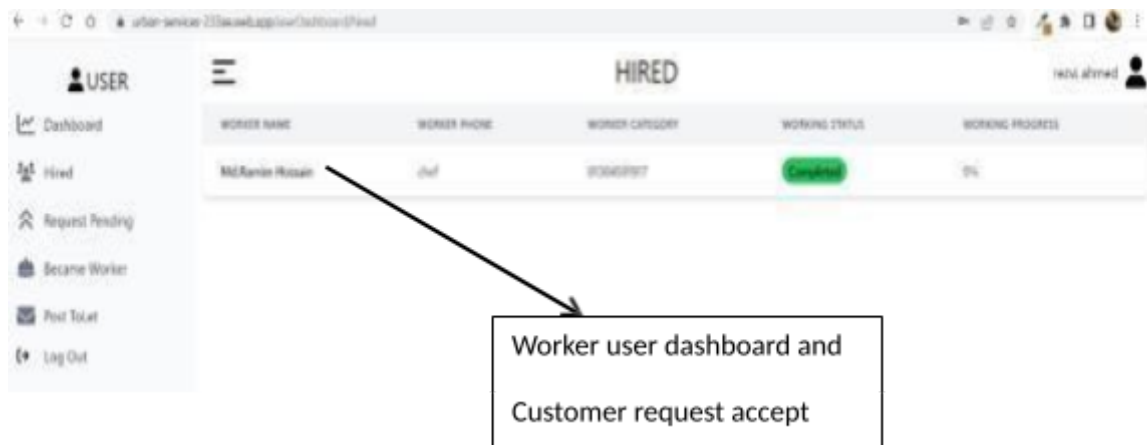
Form here workers can
Choose and send their
request and Hire worker

6.6 Hair Worker



The image shows a 'Confirm' form for a worker. The form has a title 'Confirm' in a large, bold, black font. Below the title, there are four input fields: 'Your Name' with the value 'Kajal', 'Your Email Address' with the value 'kajal123@gmail.com', 'Your Phone Number', and 'Cost'. At the bottom of the form is a purple button labeled 'Confirm'. An arrow points from the 'Confirm' button to a text box on the right.

Fill up the worker form and confirm



The image shows a worker user dashboard. The dashboard has a sidebar on the left with a 'USER' profile icon and a menu with items: 'Dashboard', 'Hired', 'Request Pending', 'Became Worker', 'Post To Let', and 'Log Out'. The main content area is titled 'HIRED' and contains a table with the following data:

WORKER NAME	WORKER PHONE	WORKER CATEGORY	WORKING STATUS	WORKING PROGRESS
Mr.Ramish Hussain	0301	STITCHER	Completed	5%

An arrow points from the 'Mr.Ramish Hussain' row in the table to a text box on the right.

Worker user dashboard and Customer request accept

6.7 Hair Worker status & became a worker request

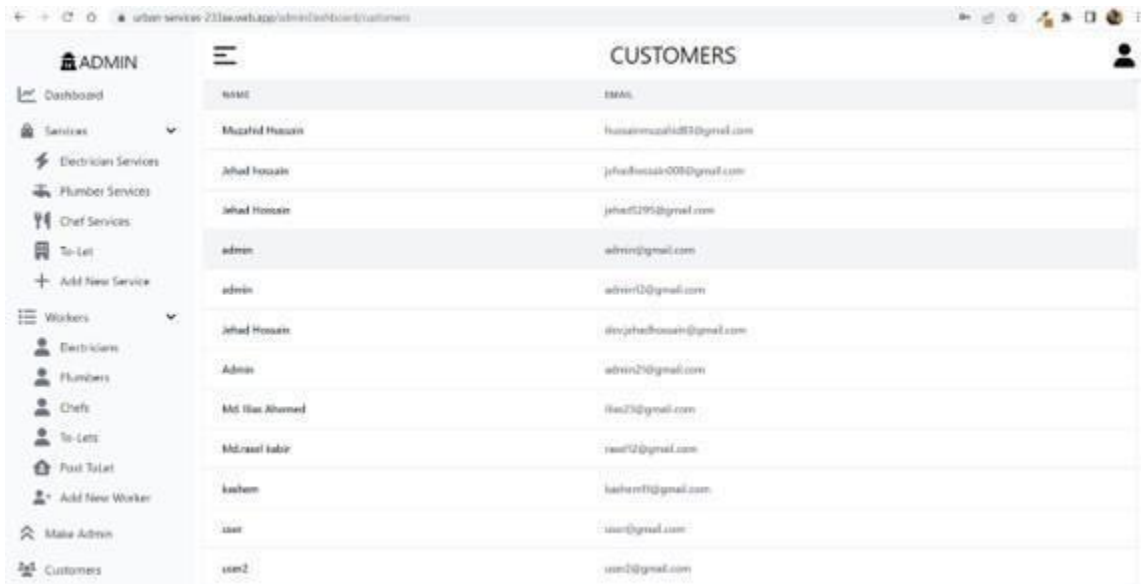
The screenshot shows a web application titled "BECAME-WORKER". On the left is a sidebar menu for a "USER" with options: Dashboard, Hired, Request Pending, **Became Worker**, Post To Job, and Log Out. The "Became Worker" option is highlighted with a callout box containing the text: "Worke job apply, hair worker status & became a worker request". The main content area displays a form titled "Became Worker" with the following fields:

- Name:
- Email:
- Phone Number:
- Location:
- Select Year of experience:
- Select Skill level:
- Select Category:
- Salary:
- Image:

An "Apply" button is located at the bottom right of the form.

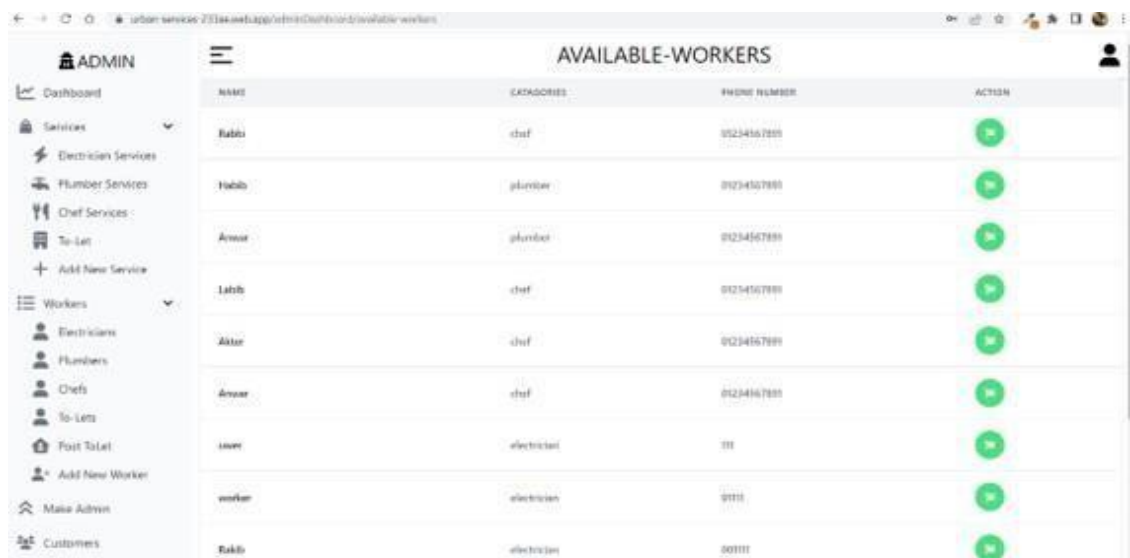
6.8 View Request

Admin dashboard (make admin & show all customer)



The screenshot shows the Admin dashboard with a sidebar menu on the left and a main content area titled 'CUSTOMERS'. The sidebar menu includes options like Dashboard, Services (Electrician, Plumber, Chef, To-Let), Add New Service, Workers (Electricians, Plumbers, Chefs, To-Lets, Post ToLet, Add New Worker), Make Admin, and Customers. The main content area displays a table of customers with columns for NAME and EMAIL.

NAME	EMAIL
Muhammad Hussain	hussainmuhammad87@gmail.com
Jehad Hussain	jehadhussain008@gmail.com
Jehad Hussain	jehad1295@gmail.com
admin	admin@gmail.com
admin	admin2@gmail.com
Jehad Hussain	devjehadhussain@gmail.com
Admin	admin21@gmail.com
Md. Wasim Ahmed	wasim23@gmail.com
Md. Wasim Akbar	wasim2@gmail.com
kashem	kashem71@gmail.com
user	user@gmail.com
user2	user2@gmail.com



The screenshot shows the Admin dashboard with a sidebar menu on the left and a main content area titled 'AVAILABLE-WORKERS'. The sidebar menu is the same as in the previous screenshot. The main content area displays a table of available workers with columns for NAME, CATEGORIES, PHONE NUMBER, and ACTION. Each row has a green play button icon in the ACTION column.

NAME	CATEGORIES	PHONE NUMBER	ACTION
Rabib	chef	0123456789	
Rabib	plumber	0123456789	
Akbar	plumber	0123456789	
Labib	chef	0123456789	
Akbar	chef	0123456789	
Akbar	chef	0123456789	
user	electrician	011	
worker	electrician	9111	
Rabib	electrician	001111	

urban services 233ae4eb.app/admin/dashboard/busy-workers

ADMIN

- Dashboard
- Services
 - Electrician Services
 - Plumber Services
 - Chef Services
 - To-Let
 - Add New Service
- Workers
 - Electricians
 - Plumbers
 - Chefs
 - To-Lets
 - Post Tolet
 - Add New Worker
- Make Admin
- Customers

BUSY-WORKERS

NAME	CATEGORY	PHONE NUMBER	ACTION
Jahed	electrician	01234567890	
Ratul	electrician	01234567891	
Syam	plumber	01234567899	
Mel Sabbar	electrician	01004569910	

Contact Us

urban services 233ae4eb.app/contact-us

Contact Us



Send us a message
Our customer care is open 24/7

Address
 Dhaka, Bangladesh

Email Address
 urban-services@web.com

Phone Number
 01234567891

CHAPTER 7

CONCLUSION

7.1 Project Summary

This advanced, first-class show website makes a person's everyday presence easier to develop and less intrusive. It provides a broad range of items needed for everything from morning to night time bed. Perfect average partners typically satisfy every demand they have on a daily basis by being almost completely absent. This online application, which uses Respond Js, Hub Js, Express Js, and MongoDB, may be a generous and seamless web application. In addition, by creating an open organization for small business owners and fund managers, this will have an effect on reducing unemployment and provide opportunities for underutilized commerce. Additionally, this will encompass an additional viewpoint related to economics.

7.2 Future Scope

We may say that the future potential of our website is presentable. It operates on a city-based basis in a restricted region at the moment, but we want to continue providing its services across Bangladesh in the future. We're going to keep enhancing its communication system. Above all, a great deal of individuals will find work thanks to our website. We now use cash for payments, but in the future we plan to incorporate internet platforms like bKash, nagad, and online transactions.

7.3 Reference

<https://riteplumbingnyc.com/services>

