



Daffodil
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Meramot.com

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

Department of Software Engineering
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APPROVAL

This **Project/Thesis** titled “**Meramot.com**”, submitted by **Farzana Akter**, 151-35-1075, **Mahmuda Nasrin Mukti** 151-35-1017 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 B.Sc in Software Engineering and approved as to its style and contents.

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We hereby declare that we have taken this thesis under the supervision of **Farzana Sadia, Senior Lecturer, Department of Software Engineering, Daffodil International University**. We also declare that neither this thesis/project nor any part of this has been submitted elsewhere for award of any degree.

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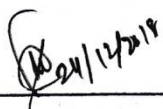
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Executive Summery

Meramot.com is basically a web and android application. Anyone can use this by phone or pc/laptop or both. The system builds for those who knows various mechanical and technical work but have never done and also them whose are professionally knows this kind of work and for those people who are very busy in their life and sometimes it is hard to find out easily good technician or electrician or mechanic in own areas. It is a system where eligible mechanic can apply instantly by making his profile. He will notify if anyone send him a request. He can accept that request or request at his own. He is called service provider here. Some people who will need mechanic (service provider) can send request them by searching nearest service provider. They will be called client. Client can select category by their need. They can search area wise. Service Providers can update their profile if they need or they want to include something new as their own. It is a project where client and service provider can interact directly. The system will notify them time to time up to sending and receiving notification from client and service provider.

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Chapter 1

Introduction

1.1. Project Overview

Meramot.com is basically a web and android application. Anyone can use this by phone or pc/laptop or both. The system builds for those who knows various mechanical and technical work but have never done and also them whose are professionally knows this kind of work and for those people who are very busy in their life and sometimes it is hard to find out easily good technician or electrician or mechanic in own areas. It is a system where eligible mechanic can apply instantly by making his profile. He will notify if anyone send him a request. He can accept that request or request at his own. He is called service provider here. Some people who will need mechanic (service provider) can send request them by searching nearest service provider. They will call client. Client can select category by their need. They can search area wise. Service Providers can update their profile if they need or they want to include something new as their own. It is a project where client and service provider can interact directly. The system will notify them time to time up to sending and receiving notification from client and service provider.

1.2. Project Purpose

1.2.1. Background

Meramot.com is a platform where client and service holder get the same facilities, give and take relationship as their need. One need service and one need work. Sometimes some people cannot show their eligibility for proper platform they need. In our country it is not very high-quality work to do. For that some people feel shy to do this. But by this they can work and can earn by a mobile or laptop/pc. They can choose work as their own and as their qualification. This application will make our life easier. It will help to reduce our time to lose and money also. There is no worry about security system because Admin will verify all the service holder and client at the same time. The service holder and client have to be registered in the system. The registration will take the client and service provider's basic information with NID and store it in the database for the particular service they will apply or will get. Every service Provider and client can do registration once as their NID can use only one time. Service provider can update their profile or qualification/category. Client can change their mobile number but their will have no profile. They can get more than one service from their site.

1.2.2 Benefits & Beneficiaries

Benefits:

The benefits of this project are every people who knows work can be employed their no need to go here and there. Or some people can earn money by doing extra work. Students also can do this work if they know. So, it is a platform for all kind of people. All people will get its benefit.

Beneficiaries:

- 1.Client
- 2.ServiceHolder

1.2.3 Goals

Meramot.com is aimed to simplify people's daily life. They don't have to go here and them to find out mechanic or find out their eligible work. This system will notify time to time them. They can easily notify by their app system notification using Meramot.com system.

1.3. Stakeholders

The stakeholders of this project are all kind off people whose ages is above 18. Especially who knows mechanical works? So, it is not mandatory to be certified or academically performed. If you have guts or confident in yourself to do this kind of work then it is your platform. So, in this project there are no specific qualities but age have to be 18.

1.4 Proposed Model

Our propose system is designed using Agile model. Because our project steps are a combination of iterative and incremental processes with focus on process adaptability and customer satisfaction by rapid delivery of working software product. we break the system process into a small incremental build.

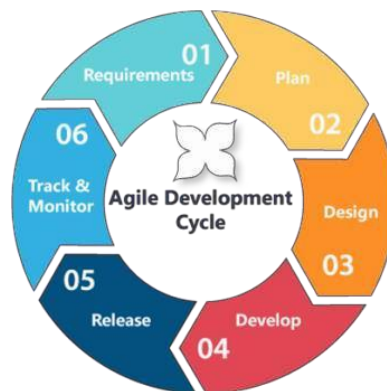


Figure 1: Agile Model

1.4. Gantt Chart

No.	Task	Start	End	Time	2018				
					Aug	Sept	Oct	Nov	Dec
1.	Meramot.Com	23.8.18	13.8.18	122 D					
2.	Planning	23.8.18	26.8.18	3 D					
3.	Analysis	27.8.18	10.9.18	15 D					
4.	Requirement collect	10.9.18	30.9.18	20 D					
5.	Designing	1.9.18	10.9.18	10 D					
6.	Development	10.9.18	27.11.18	78 D					
7.	Testing	27.11.18	2.12.18	5 D					

Table 1: Gantt chart

1.5. Release plan

Release 1- Beta version 1.0.0 on 2.12.18

Release 2- Beta version 2.0.0 on 13.12.18

Release 3- version 3.0.0 after approve

Chapter 2 Requirement Specification

2.1. Functional Requirement

No	Description
1.	Admin Login
2.	Admin can change all kind of system
3.	Admin can update/add/del user
4.	User's registration
5.	User's Login
6.	User will be notified if any data stored in server
7.	User can send request
8.	User will get request
9.	User will notify about acceptance or/rejection service
10.	User can update/del profile
11.	Admin can check validity of user

Table 2: Functional Requirements

2.2. Data Requirements

No	Description
1.	Admin have to insert proper and accurate info to login otherwise system will show error message
2.	User have to insert proper and accurate info to do Registration otherwise system will show error message
3.	User have to insert proper and accurate info to login otherwise system will show error message

Table 3: Data Requirements

2.3. Performance Requirements

2.3.1. Speed and Latency Requirements

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

Table 4: Speed and Latency Requirements

2.3.2. Precision or Accuracy Requirements

No.	Description
1.	The input data should be validated when User or admin provide data to the System
2.	All data should be in place accurately where it is associated

Table 5: Precision or Accuracy Requirements

2.3.3. Capacity Requirements

No.	Description
1.	The system size must not be very big.
2.	The remote server database size must be able to load the system data.

Table 6: Capacity Requirements

2.4. Dependability requirements

2.4.1. Reliability Requirements

No.	Description
1.	The instant apply process must send the user data to the server
2.	The instant apply process must send the user data to the server

Table 7: Reliability Requirements

2.4.2. Availability Requirements

No.	Description
1.	The system should work 24 hours a day
2.	The system should provide the desired data to the user on time

Table 8: Availability Requirements

2.4.3. Robustness Requirements

No.	Description
4.	If the system has been crashed, it should not be more than an hour.
7.	Supports all screen size of mobile phone with android operating system

Table 9: Robustness Requirements

2.5. Maintainability and Supportability Requirements

2.5.1. Maintenance Requirements

No.	Description
1.	The system maintenance should be quick

Table 10: Maintenance Requirement

2.5.2. Supportability Requirements

No.	Description
1.	The system should support in all platform

Table 11: Supportability Requirements

2.6. Security Requirements

2.6.1. Access Requirements

No.	Description
1.	Only Admin / who will assign for security administration only can make maintenance.
2.	The App user access boundary should be within the mobile application

Table 12: Access Requirement

2.6.2. Integrity Requirements

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

Table 13: Integrity Requirement

2.6.3. Privacy Requirements

No.	Description
1.	The user data must not be visible for public
2.	The user data should not contain any private issues.

Table 14: Privacy Requirement

2.7 Look and Feel requirements

2.7.1 Appearance Requirements

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

Table 15: Appearance Requirement

Chapter 3 System Analysis

3.1 Use Case (Main)

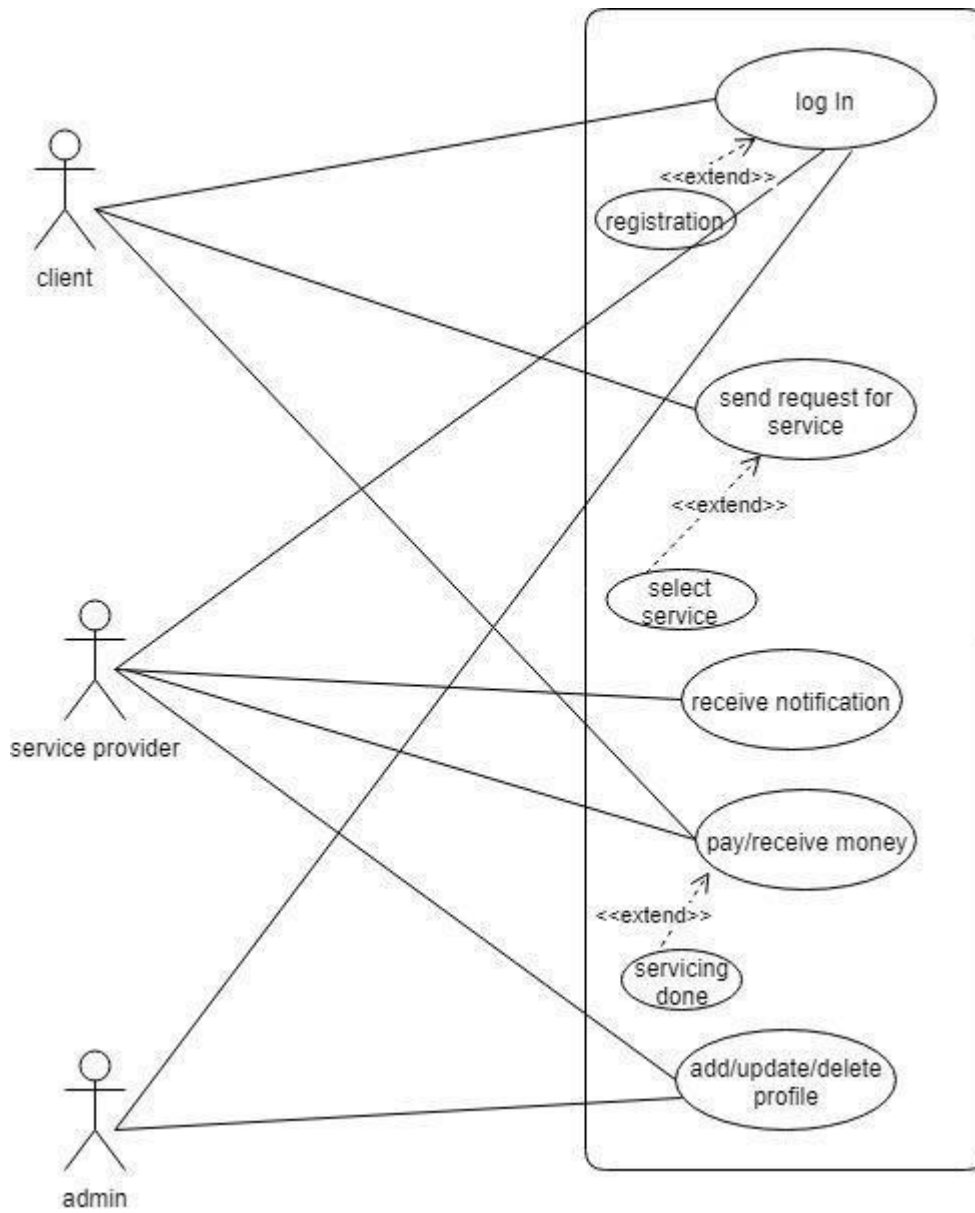


Figure 2: Use case diagram

3.1.1. Use case for log in

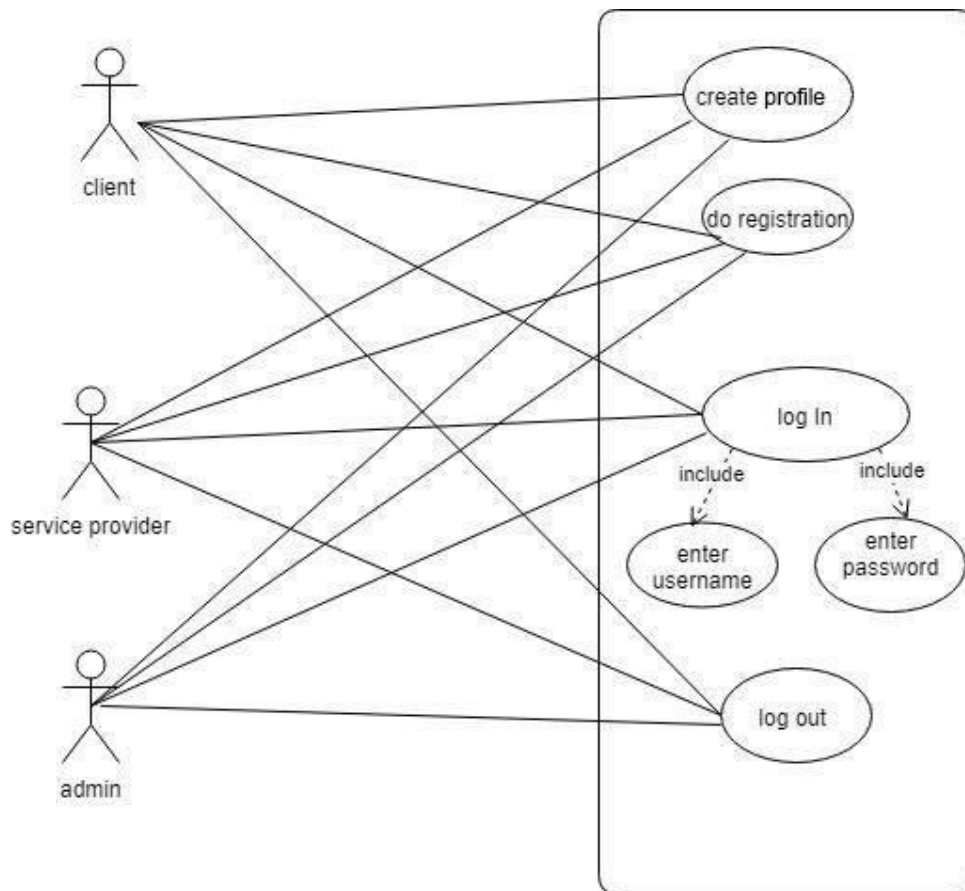


Figure 3: Use case login

3.1.2. Use case for send request

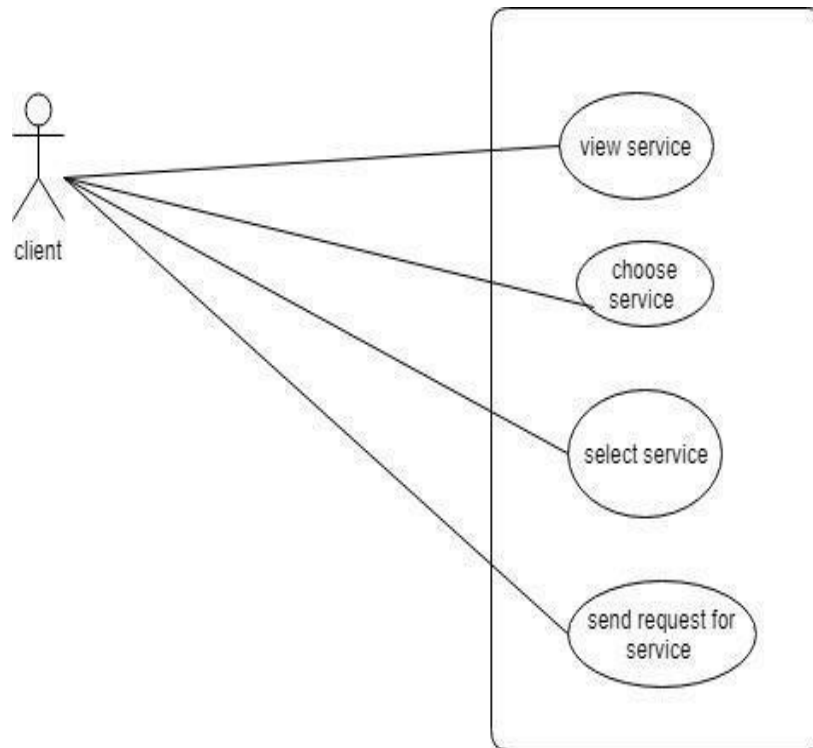


Figure 4: Send request

3.1.3. Use case for receive notification

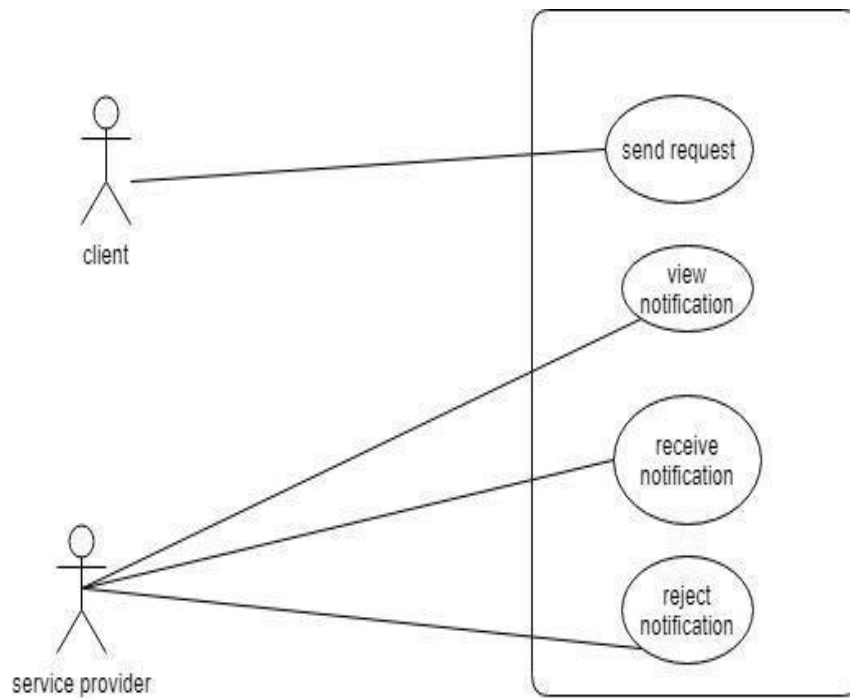


Figure 5: Receive Notification

3.1.4. Use case for Add/delete/update profile

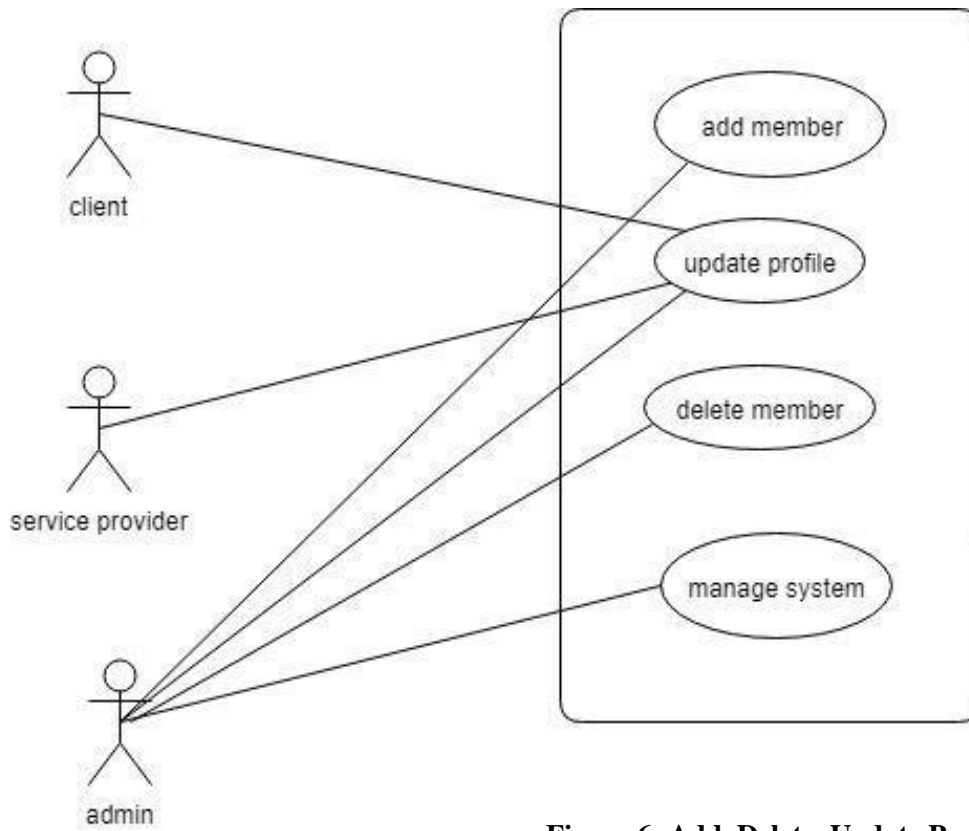


Figure 6: Add, Delete, Update Profile

3.2 Use Case description

3.2.1 Login

Use Case	Login	
Goal	User will be able to login in our system.	
Preconditions	Only registered user can login the system.	
Post conditions	<ol style="list-style-type: none"> 1. Users can access the system. 2. Dashboard will be show. 3. Users can do any transition. 4. Users can logout. 	
Success End Condition	Users can login successfully.	
Failed End Condition	Users can't login successfully.	
Primary Actors:	Users	
Secondary Actors:		
Trigger	Registration request comes in.	
Description / Main Success Scenario	Step	Action
	1	Users will launch the application.
	1.1	They will see the registration page.
	1.2	They will fill up the form with required information.
	1.3	They will press the enter button and will wait few minutes for a code number.
	2	System will check the registration and send a code.
3	Users will input the code and press submit button.	

	4	Users will see the login page.
	5	They input their email id and password to login
	6	With valid email id and password they can be able to log in.
Alternative Flows	Step	Action
	1	Users are not registered persons.
	2	Wrong password.
	3	Wrong email id.
	4	Users will not get code number.
	5	Lost Internet connection.
Quality Requirements	Step	Requirement
	1	After 3 times input with invalid password users can't launch application for 10 minutes and after 6 times input with invalid password system will send a 6 digits code to user's phone number to log in.
	2	After 10 times input with invalid email account will be temporary blocked.

Table 16: use case description (login)

Scenario:

- To login users will launch the registration page with URL.
- Users will fill up the form of registration page with valid information and send request to get code number.
- System will check authentication and send 6 digits code to users to confirm registration.
- With accurate code number users will confirm the registration and then can see the dashboard of login page.
- Authenticate users can login will valid email id and password.

3.2.1 Send request for service

Use Case	Send request for service	
Goal	Client will be able send request to get service properly in our system.	
Preconditions	Client have to select any services and add her/his location.	
Post conditions	1. Client can see the notification of except request. 2. Client can see the session out after 15 minutes when any service provider will not except request.	
Success End Condition	Client can send request for servicing successfully.	
Failed End Condition	Client can't send request successfully.	
Primary Actors:	Client	
Secondary Actors:		
Trigger	Select service comes in.	
Description / Main Success Scenario	Step	Action
	1	Client will view the service list.
	2	Client will choose any service.
	3	Client will select the service.
	4	Client will add her/his location.
	5	Client will see the service cost.
	6	Then client will press the send button for request and can see the position of nearest service provider.
	7	For receiving request client will wait.

Alternative Flows	Step	Action
	1	Client did not select any service but he/she pressed send button.
	2	Client did not add her/his location but he/she pressed send button.
	3	Lost Internet connection.
	4	After seeing cost client will not send request.
Quality Requirements	Step	Requirement
	1	At a time client can select one service and after complete any servicing he/she can send request for another.
	2	At a time he/she can add one location.

Table 17: Use case description (send request)

Scenario:

- To send request for servicing client will launch the login page with URL.
- Client will view the service list.
- Client will choose any service and select that.
- With adding location she/he will see the servicing cost.
- Then she/he will send request for servicing or not.

3.2.1 Receive notification

Use Case	Receive notification	
Goal	After sending request of client service provider will except request properly in our system.	
Preconditions	Client have to send request and internet must be connected.	
Post conditions	Client will contact with service provider to get service.	
Success End Condition	Service provider can receive notification successfully.	
Failed End Condition	Service provider can't receive notification successfully.	
Primary Actors:	Service provider	
Secondary Actors:		
Trigger	send request comes in.	
Description / Main Success Scenario	Step	Action
	1	Service provider will launch the application.
	2	He/she can see the request that came from nearest client for servicing.
	3	He/she will except the request if he/she want.
	4	He/she will not except the request if he/she want.
	5	He/she can reject request if she/he want.
Alternative Flows	Step	Action
	1	Service provider excepted request but did not contact with client.
	2	Lost Internet connection.

Quality Requirements	Step	Requirement
	1	At a time service provider can receive one request.
	2	After completing any servicing he/she can receive request for another.

Table 18: Use case description (Receive notification)

Scenario:

- To receive request for servicing service provider will connect internet always to get notification.
- After getting notification he/she will except request or not or can reject.
- Service provider can except one request at a time.
- After completing one he/she can receive another.

3.2.2 Add/update/delete profile

Use Case	Add/update/delete profile	
Goal	User will be able to add/update/delete any information in their profile which is changeable.	
Preconditions	Only registered user can add/update/delete profile and inter must be connected.	
Post conditions	Users can use the system with her/his new profile after edition.	
Success End Condition	<ol style="list-style-type: none"> 1. Addition will be done successfully. 2. Updating will be done successfully. 3. Deletion will be done successfully. 	
Failed End Condition	<ol style="list-style-type: none"> 1. Addition will not be done successfully. 2. Updating will not be done successfully. 3. Deletion will not be done successfully. 	
Primary Actors:	Users	
Secondary Actors:		
Trigger	User's want comes in.	
Description / Main Success Scenario	Step	Action
	1	Users will launch the application.
	2	They will click the add/update/delete button.
	3	They can add any information or delete any information or can updating any information.
	4	Admin can manage the system.
	5	Admin can change any information.

	6	Admin can manage the system.
	7	Admin can add any authenticate member if she/he want.
	8	Admin can delete any member for user's fault if she/he want.
	9	Admin can change her/hi won information.
Alternative Flows	Step	Action
	1	Users will add /update invalid information
	2	Addition/Updating will not worked out.
	3	Lost Internet connection.
Quality Requirements	Step	Requirement
	1	Users can add/update/delete profile with valid information.
	2	Users can add/update/delete profile for any time.

Table 19: Use case description (add/update/delete profile)

Scenario:

- To add/update/delete profile users have to select button which he/she want.
- Then Users add/update/delete their valid information for transition.
- For addition/updating/deletion internet must be connected.
- If users didn't selected any option button he/she can't do any transition.
- Admin can maintain system and he/she can add or delete any member with authentication.
- Admin can change his/her won profile with valid information.

3.3 Activity diagram

3.3.0 Activity diagram for Client

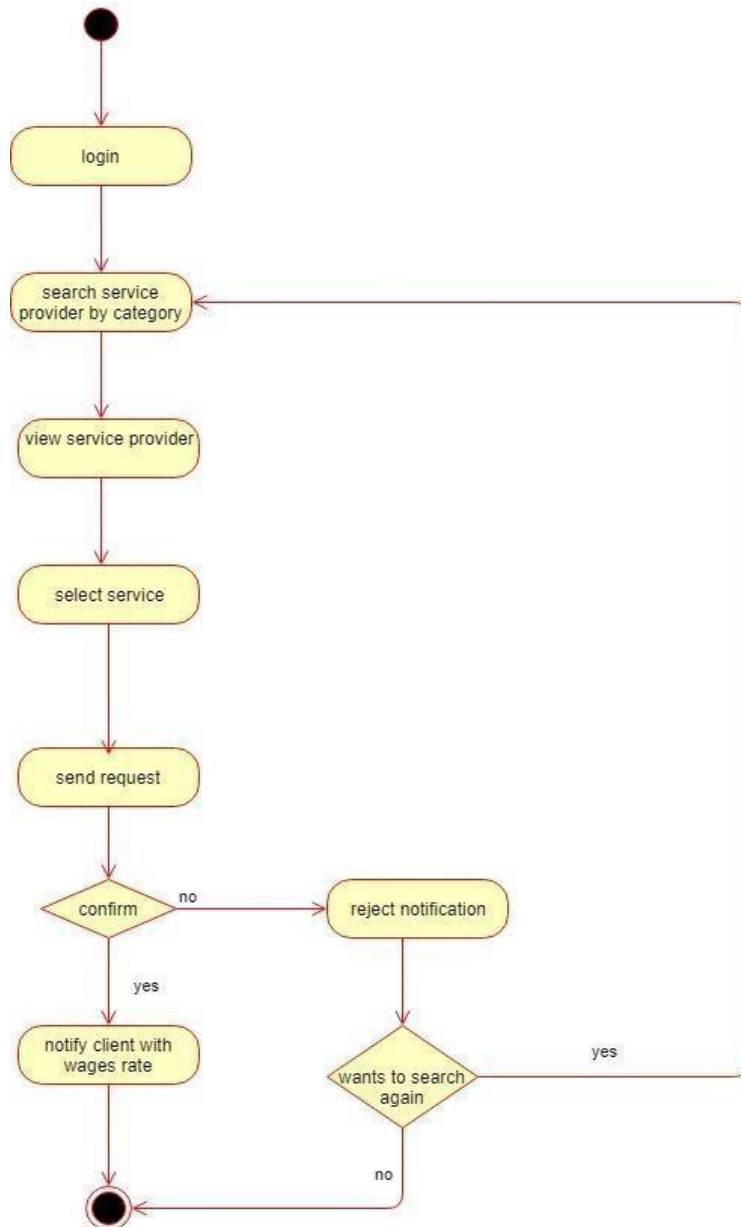


Figure 7: activity diagram

3.3.1 Activity diagram for service provider

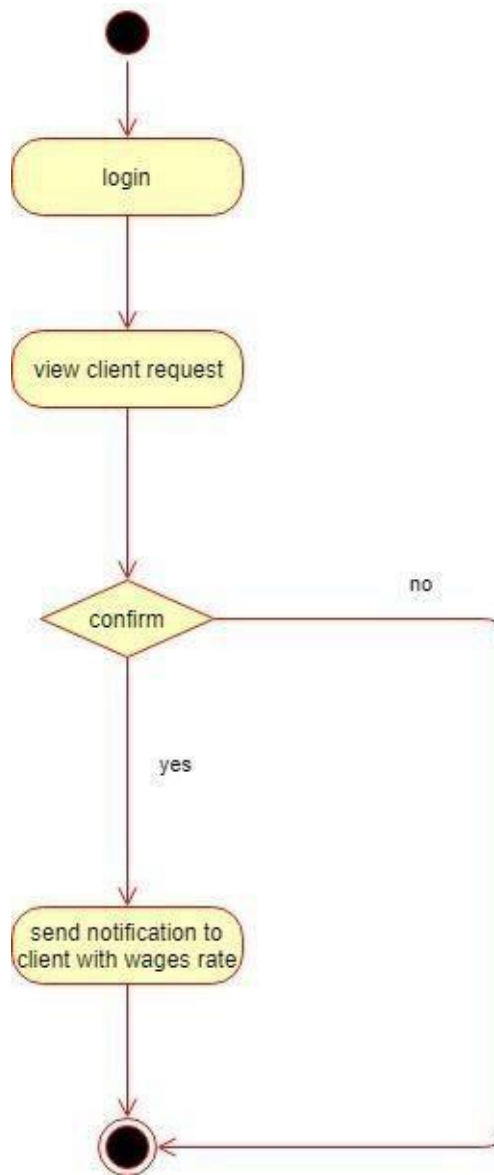


Figure 8: Service Provider

3.3.2 Activity diagram for login

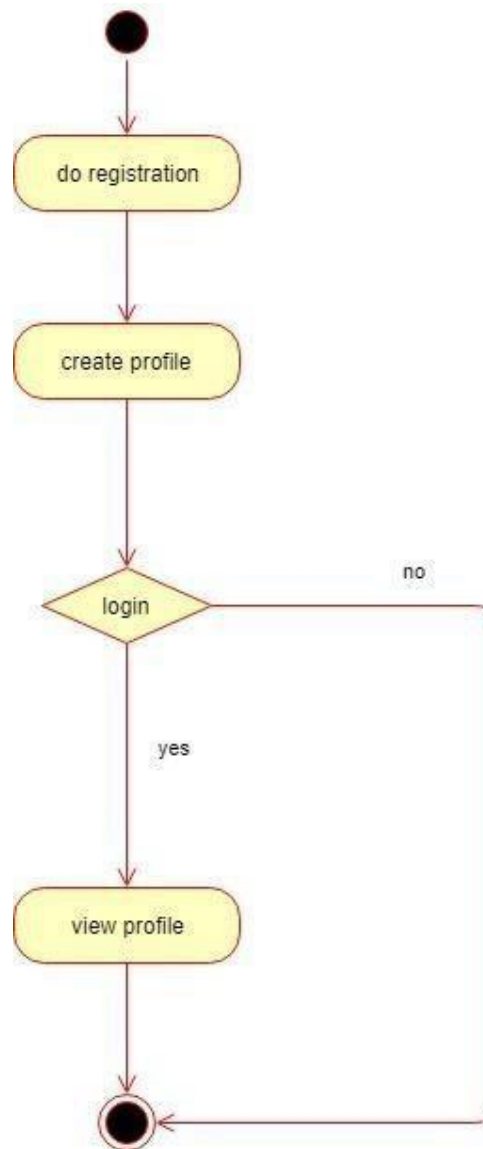


Figure 9:login

3.3.3 Activity diagram for update/edit profile

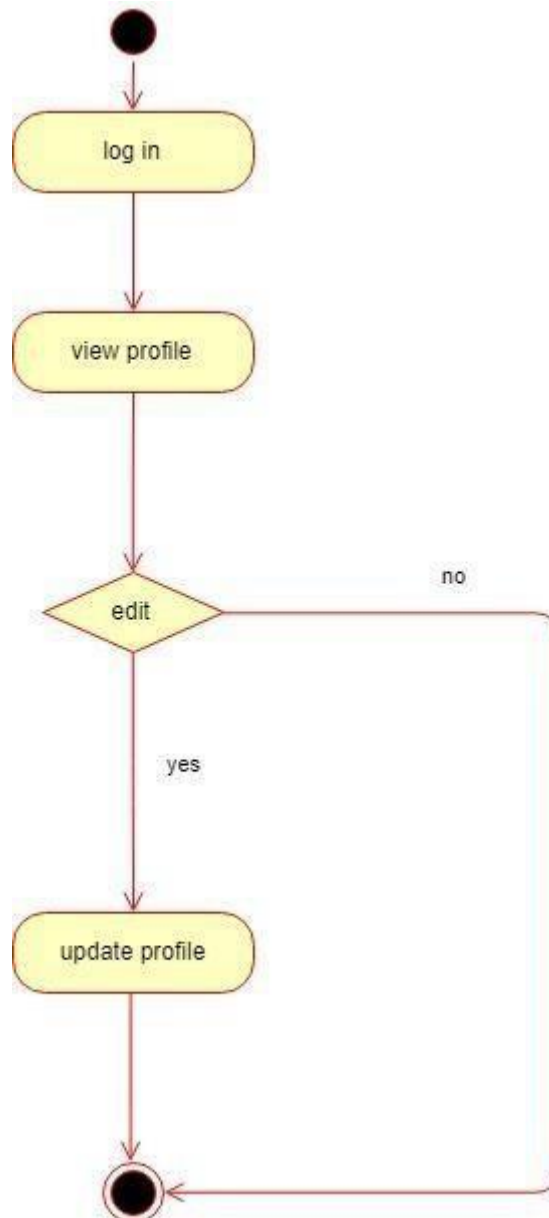


Figure 10:update/edit profile

3.3.4 Activity diagram for delete profile

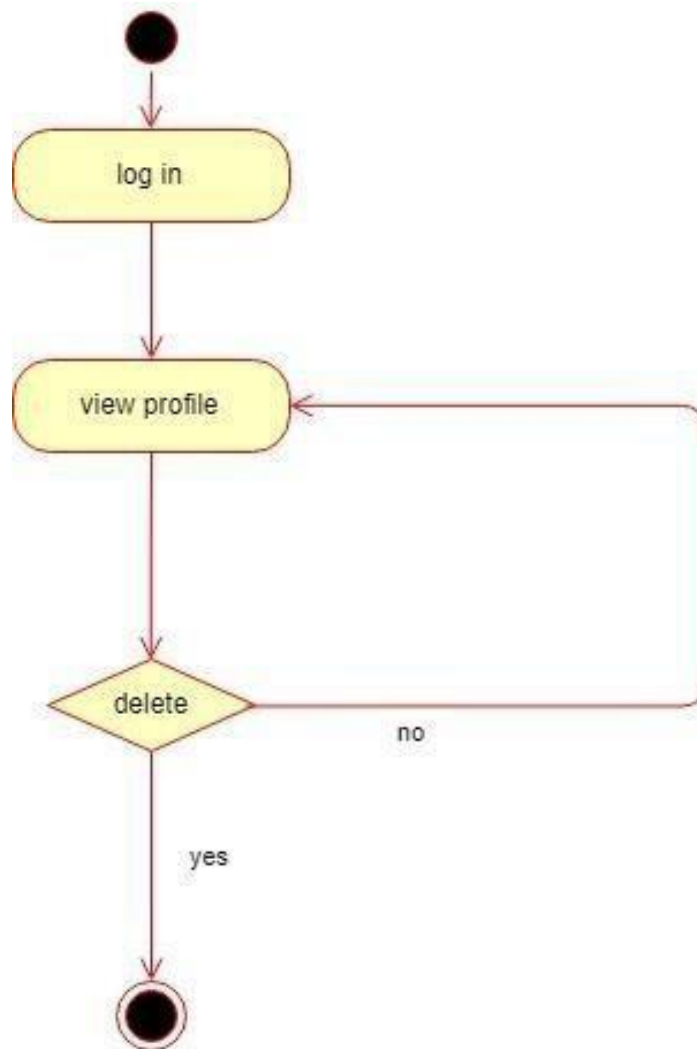


Figure 11: Delete profile

3.3.5 Activity diagram for send request

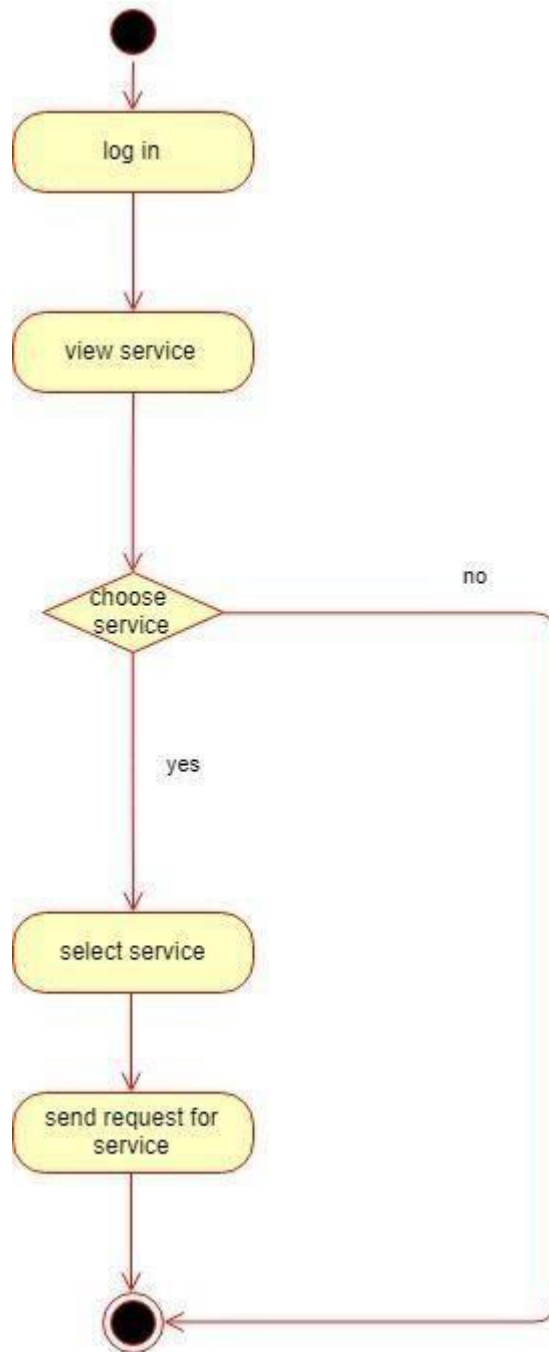


Figure 12: send request

3.3.6 Activity diagram for receive notification

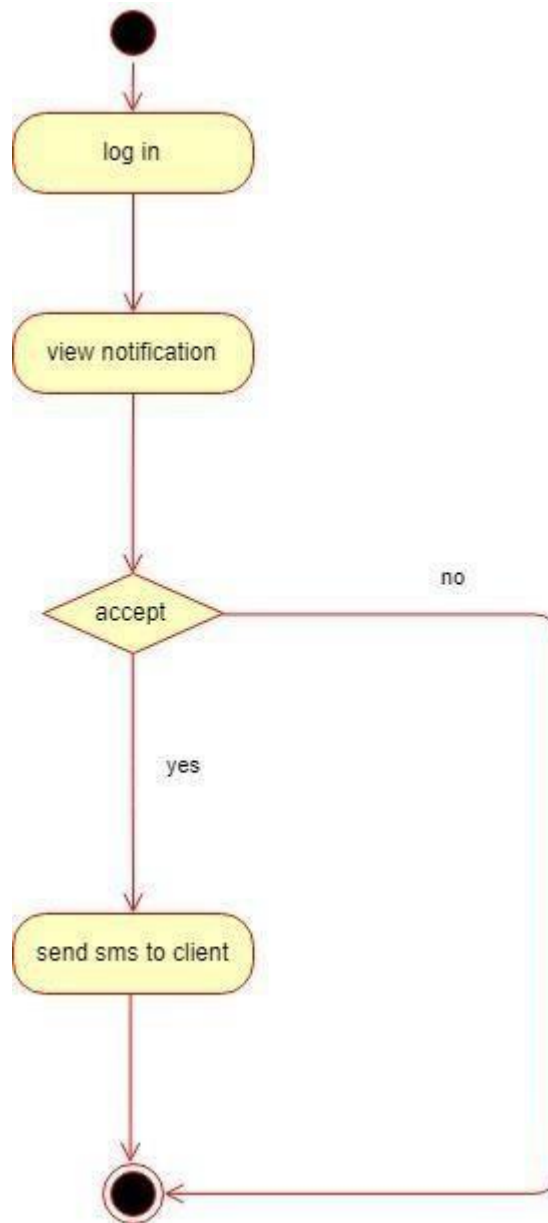


Figure 13: receive notification

3.4. System sequence diagram

3.4.1 System sequence diagram (admin)

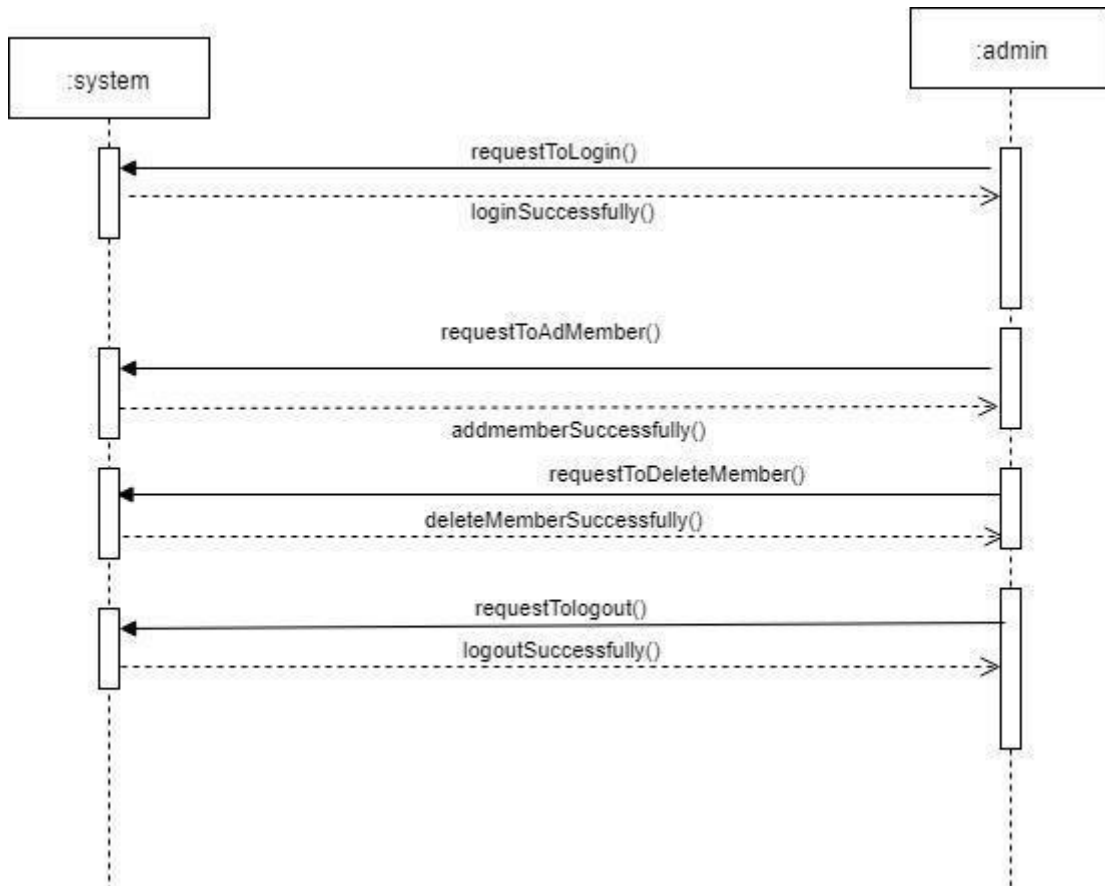


Figure 14: System Sequence Diagram

3.4.2 System sequence diagram (service provider)

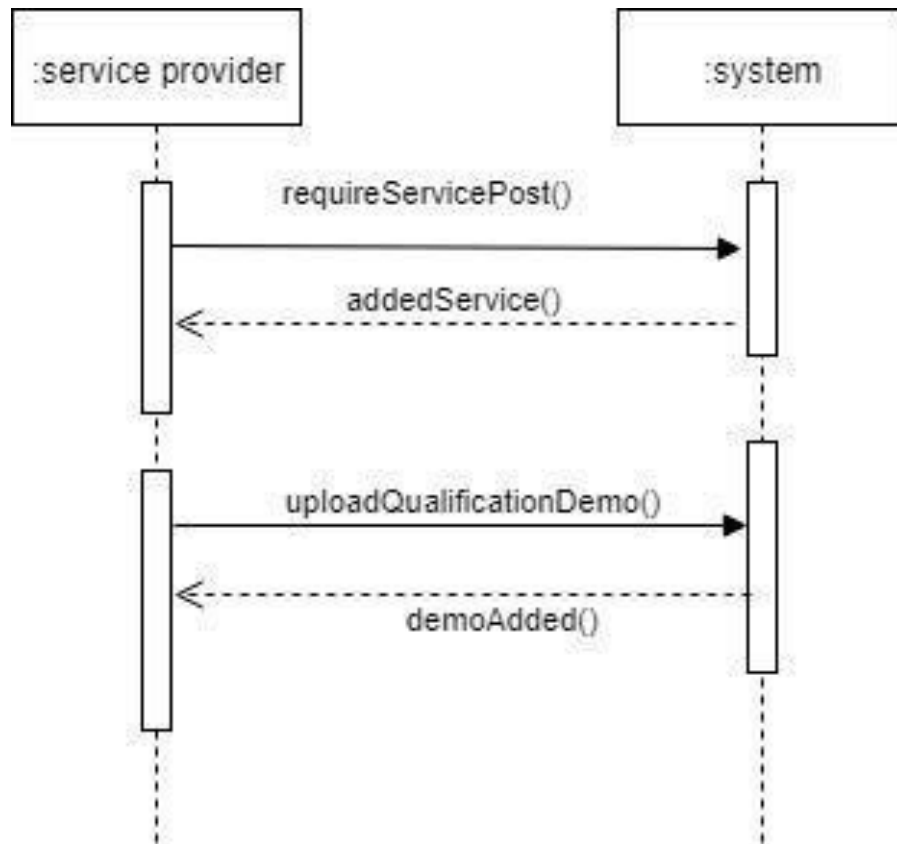


Figure 15: System Sequence Diagram

3.4.3 System sequence diagram (Client)

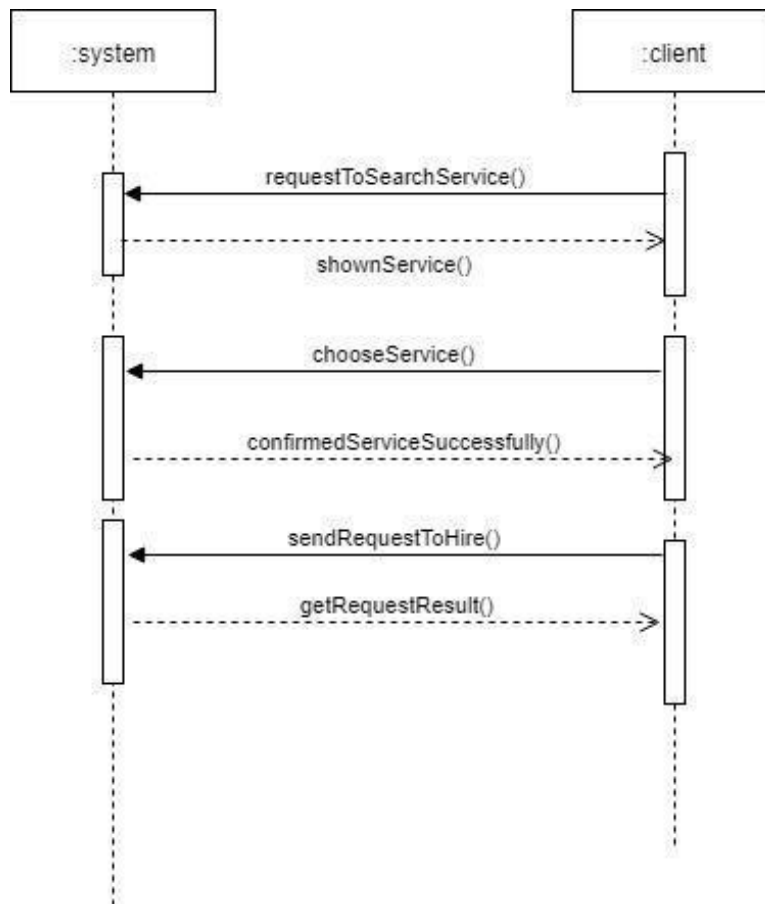


Figure 16: System Sequence Diagram

Chapter 4

System Design Specification

4.1 Sequence Diagram

4.1.1 Sequence Diagram (Admin)

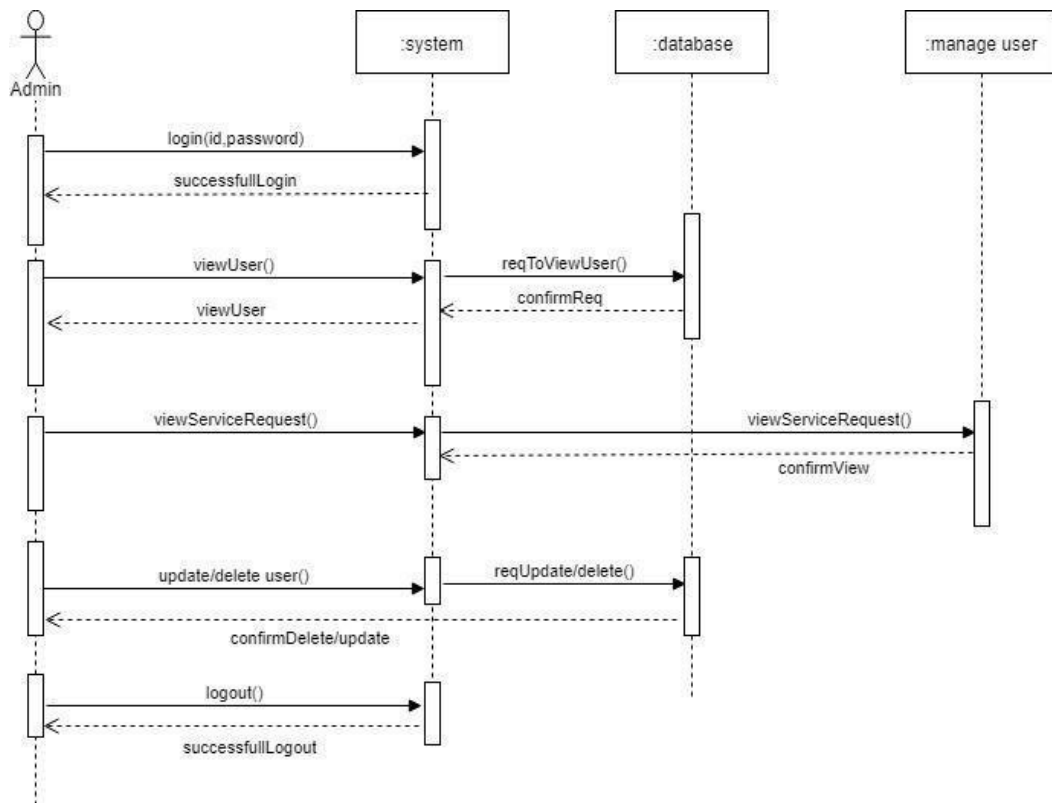


Figure 17: Sequence Diagram

4.1.2 Sequence diagram (service provider)

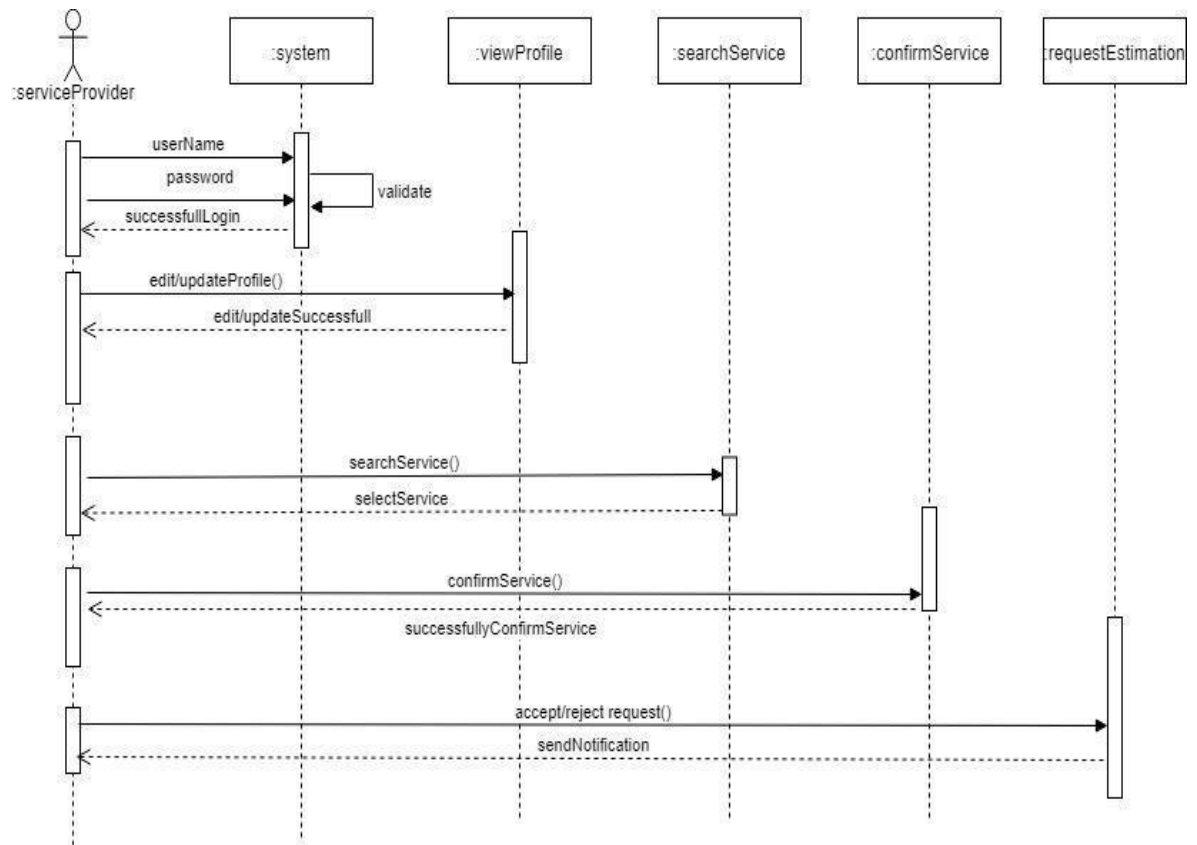


Figure 18: Sequence Diagram

4.1.3 Sequence Diagram (Client)

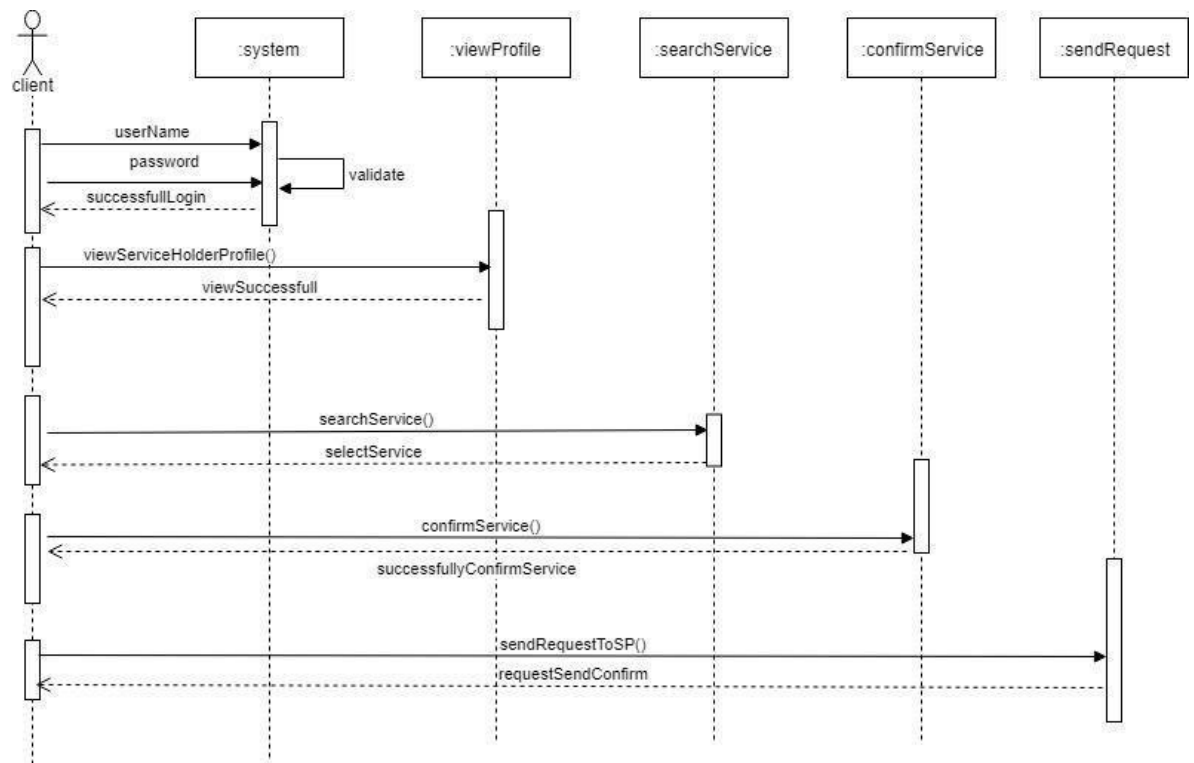


Figure 19: Sequence Diagram

4.1.4 Sequence Diagram (login admin)

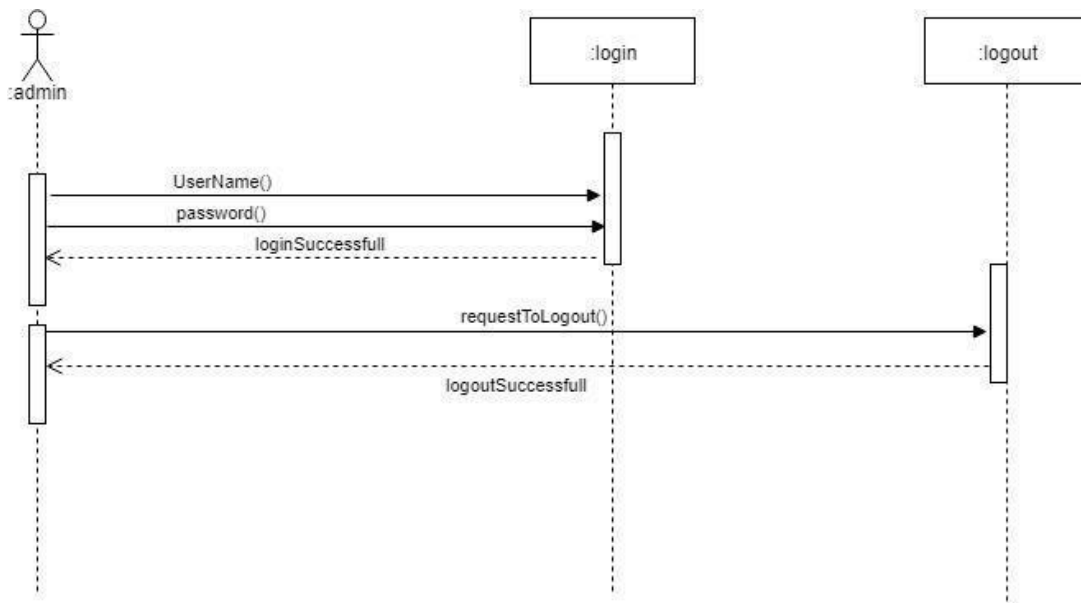


Figure 20: Sequence diagram

4.1.5 Sequence Diagram (login service provider)

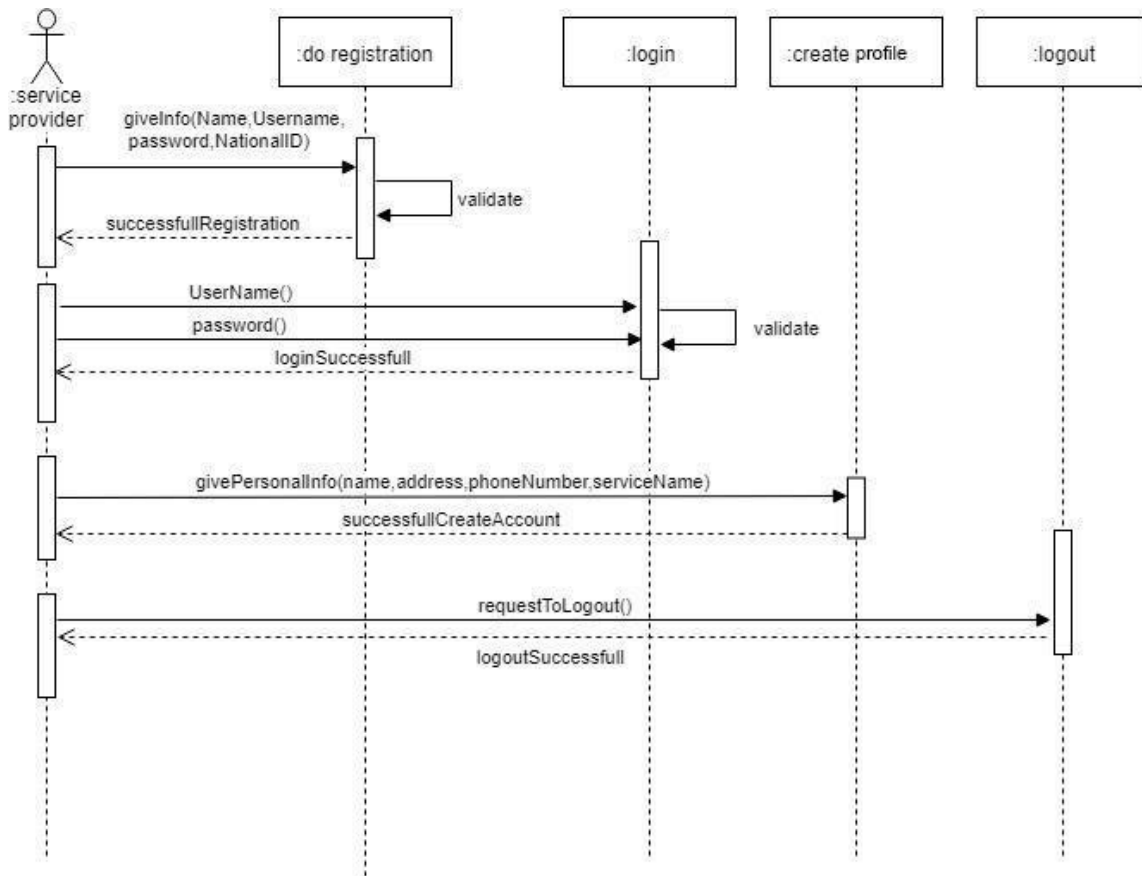


Figure 21: sequence Diagram

4.1.6 Sequence Diagram (login client)

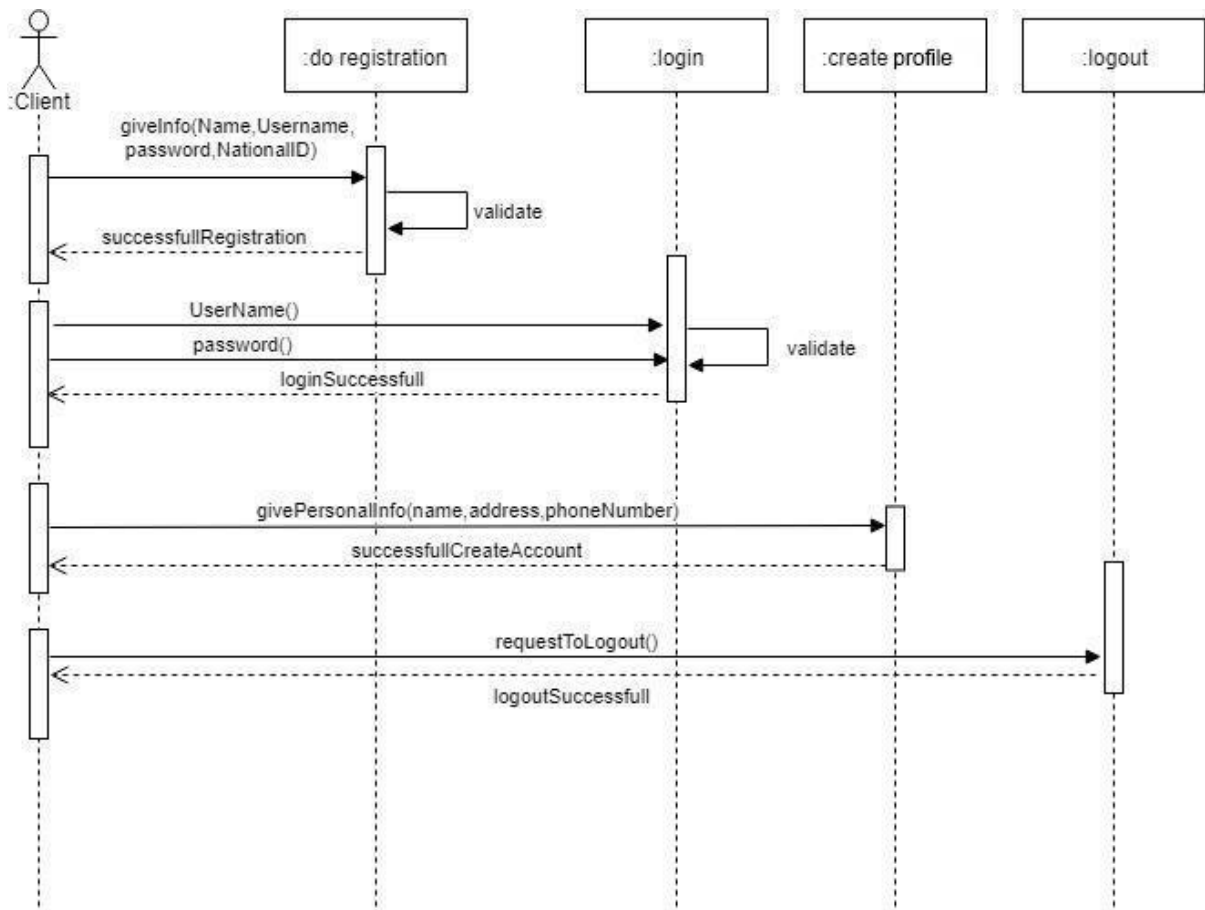


Figure 22: sequence Diagram

4.1.7 Sequence Diagram (Receive notification)

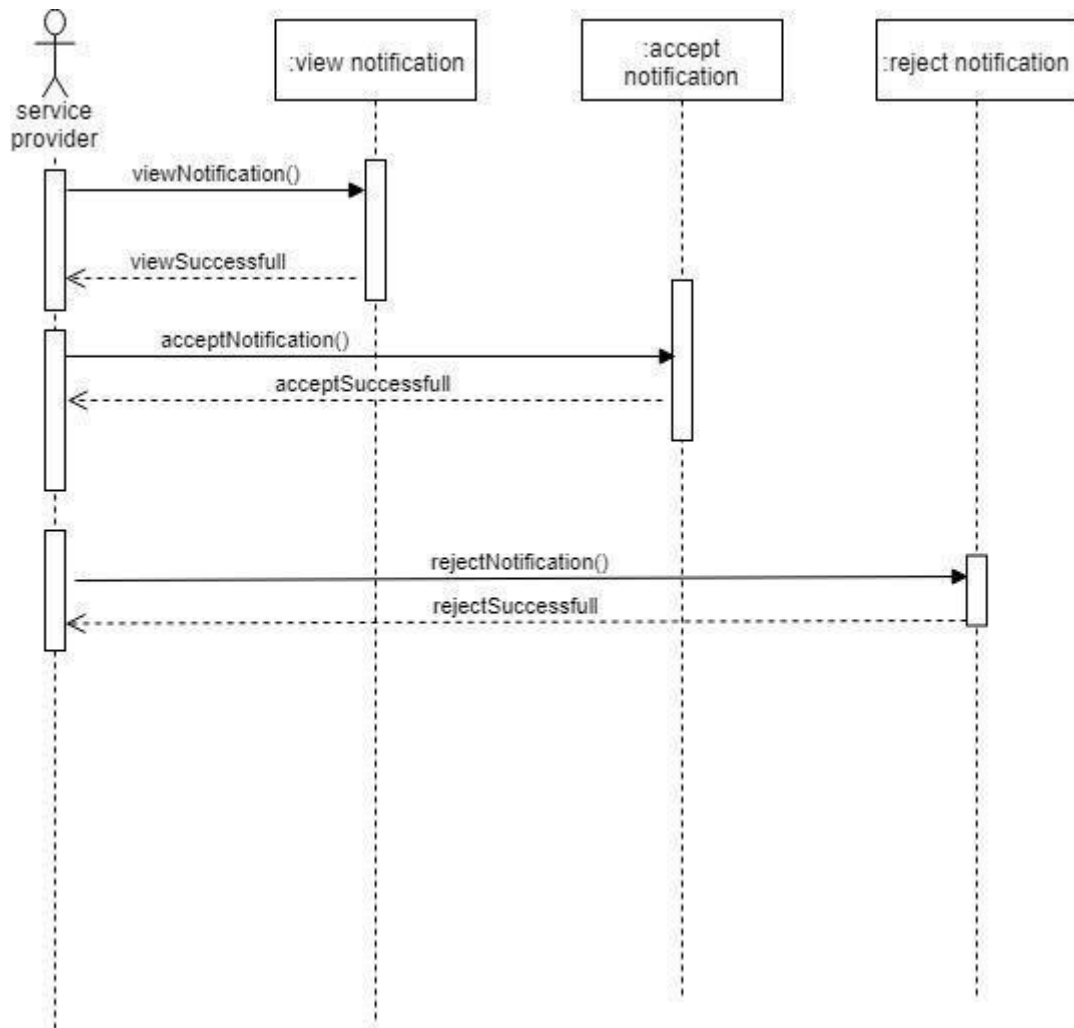


Figure 23:Sequence Diagram

4.1.7 Sequence Diagram (send request for service)

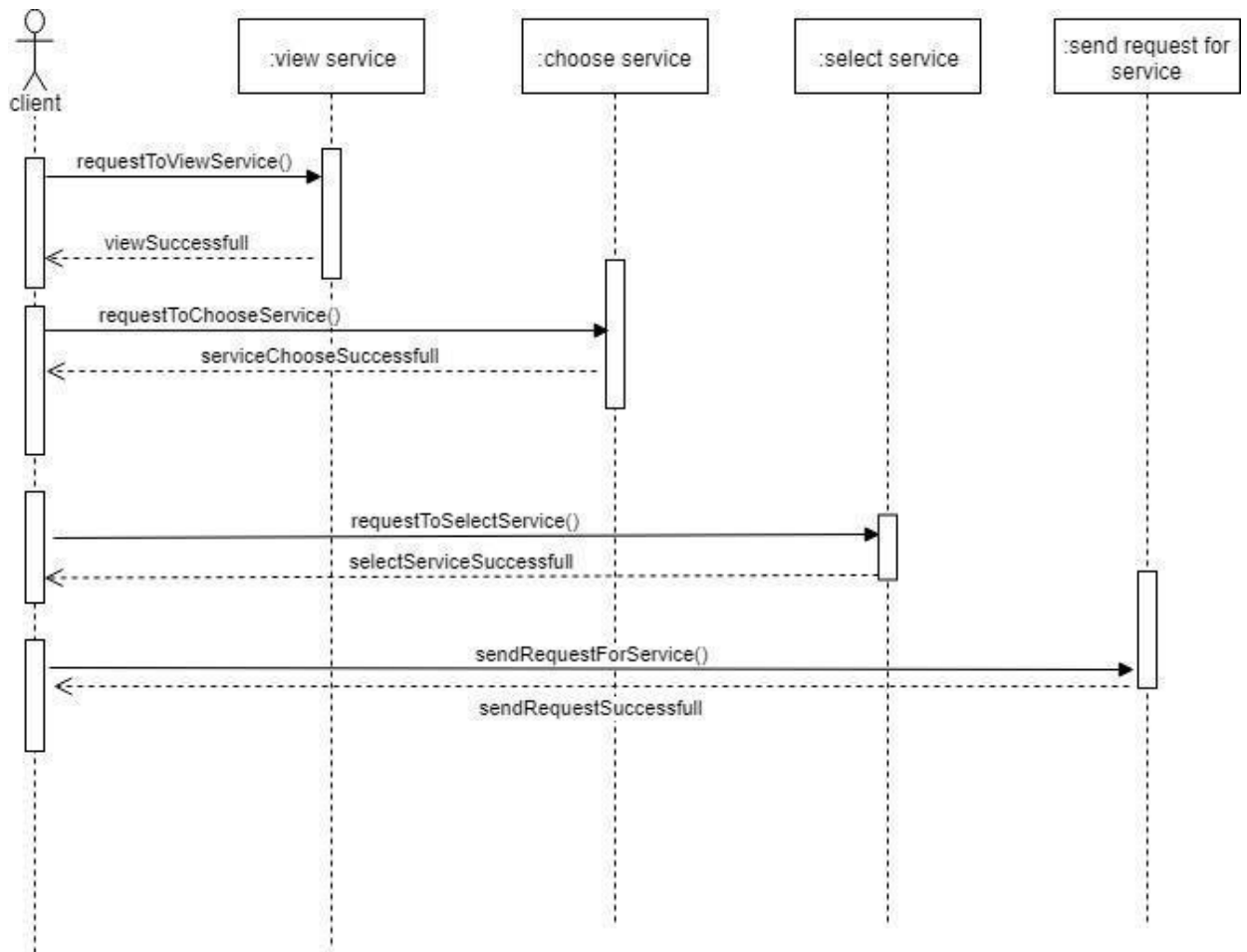


Figure 24: sequence Diagram

4.1.8 Sequence Diagram (manage user)

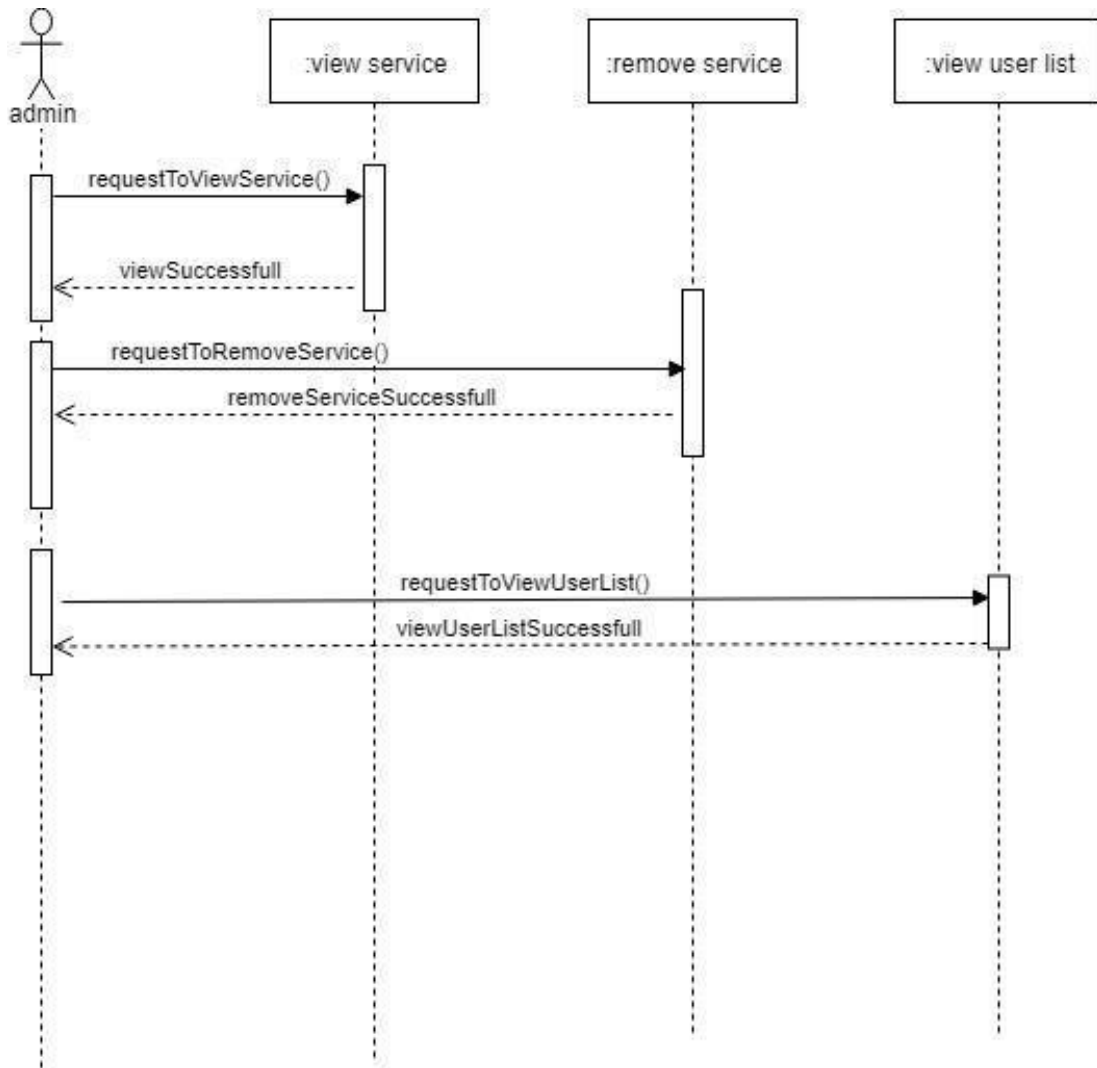


Figure 25: Sequence Diagram

4.3. Class Diagram

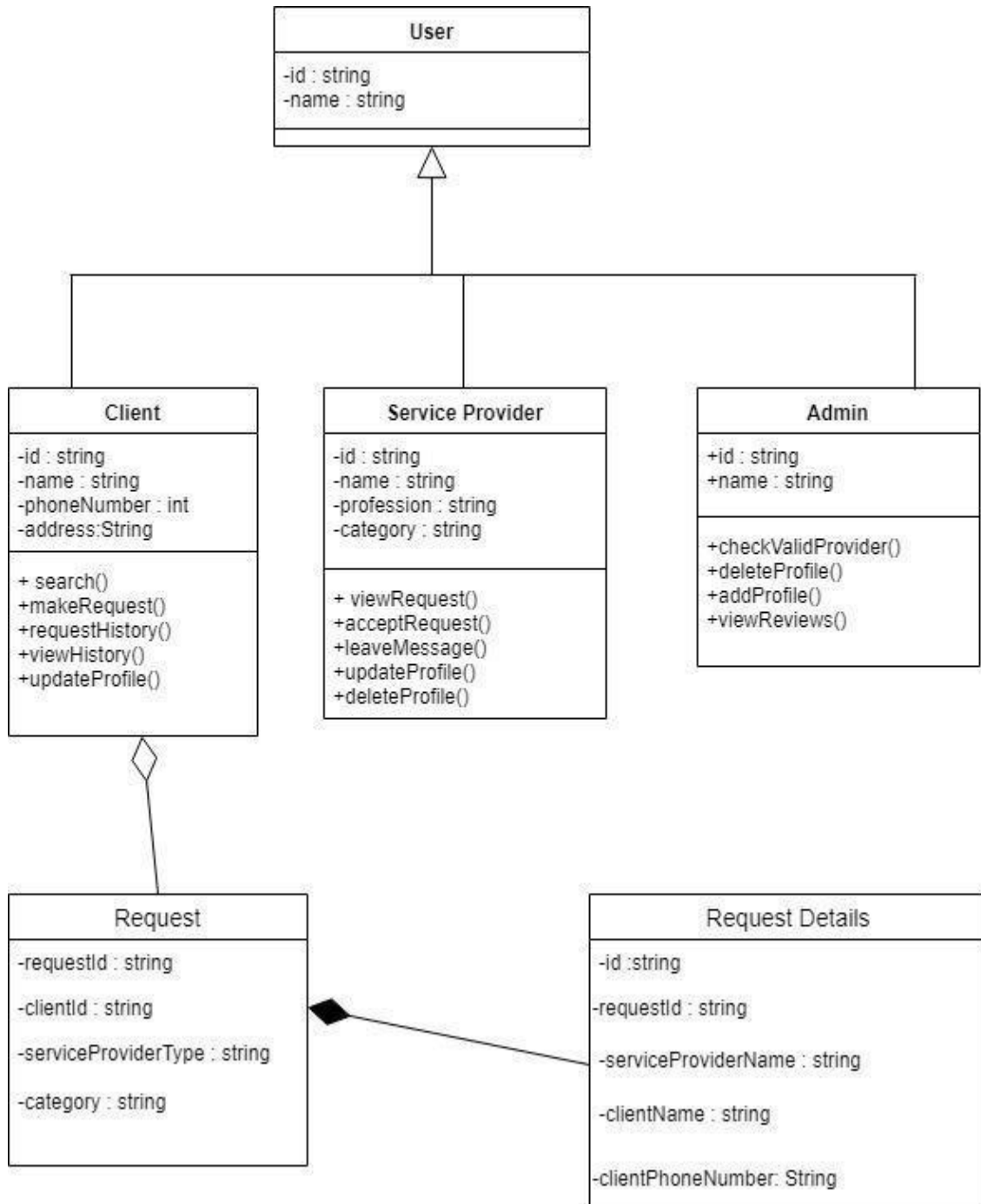


Figure 26: Class Diagram

4.4 DFD (Data flow Diagram)

4.4.1 DFD (Level-0)

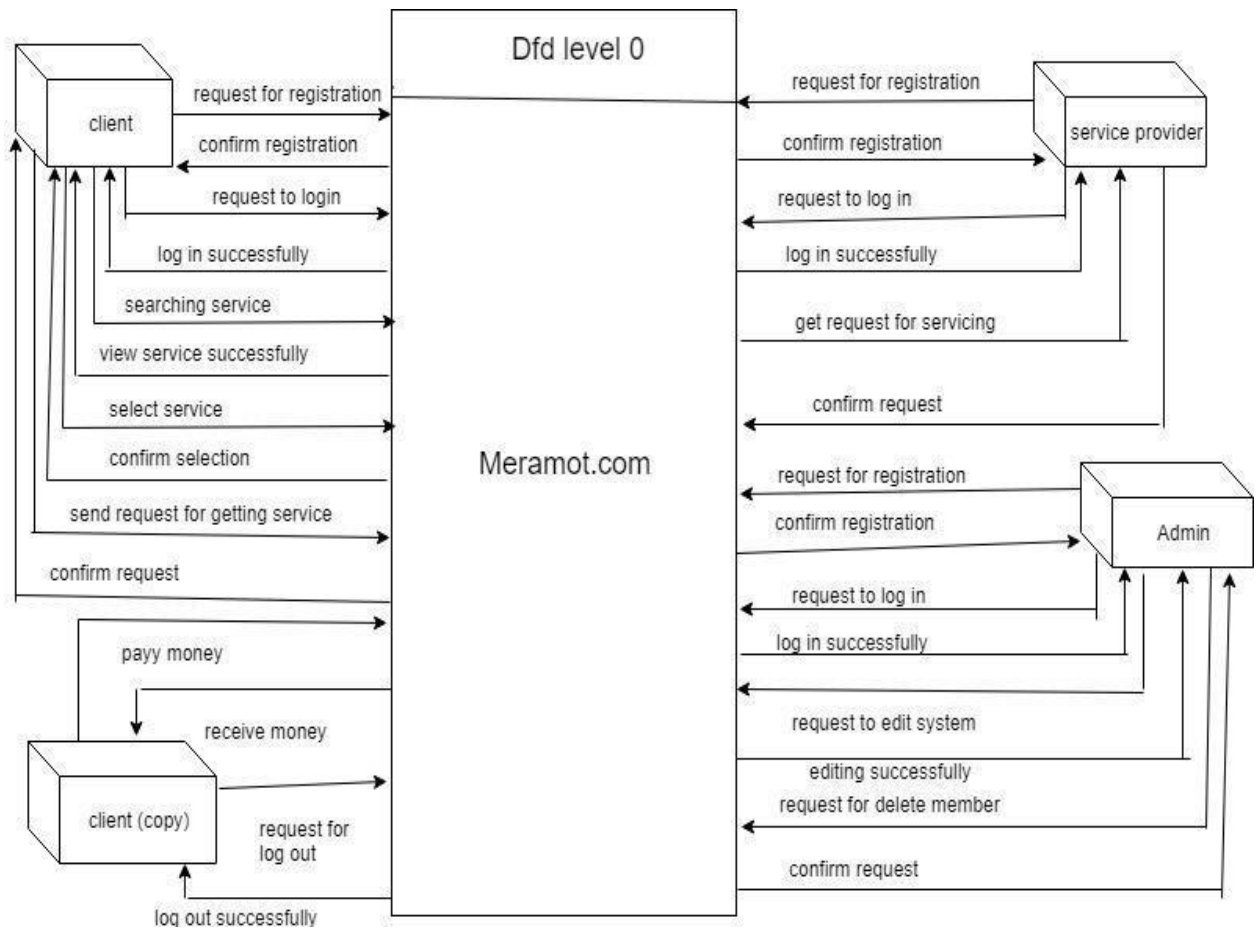


Figure 27: DFD (0 level)

4.4.2 DFD (Level-1)

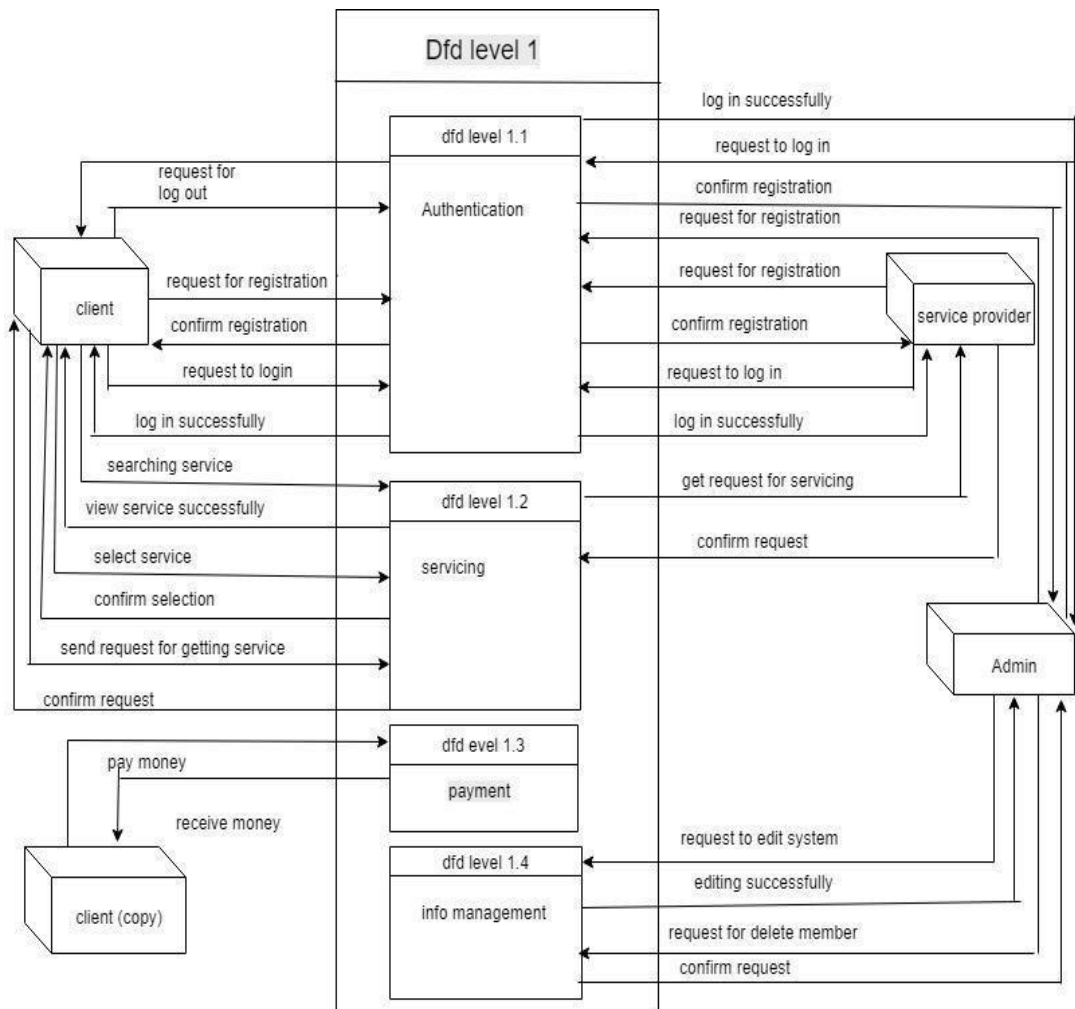


Figure 28: DFD level-1

4.5. Database Schema

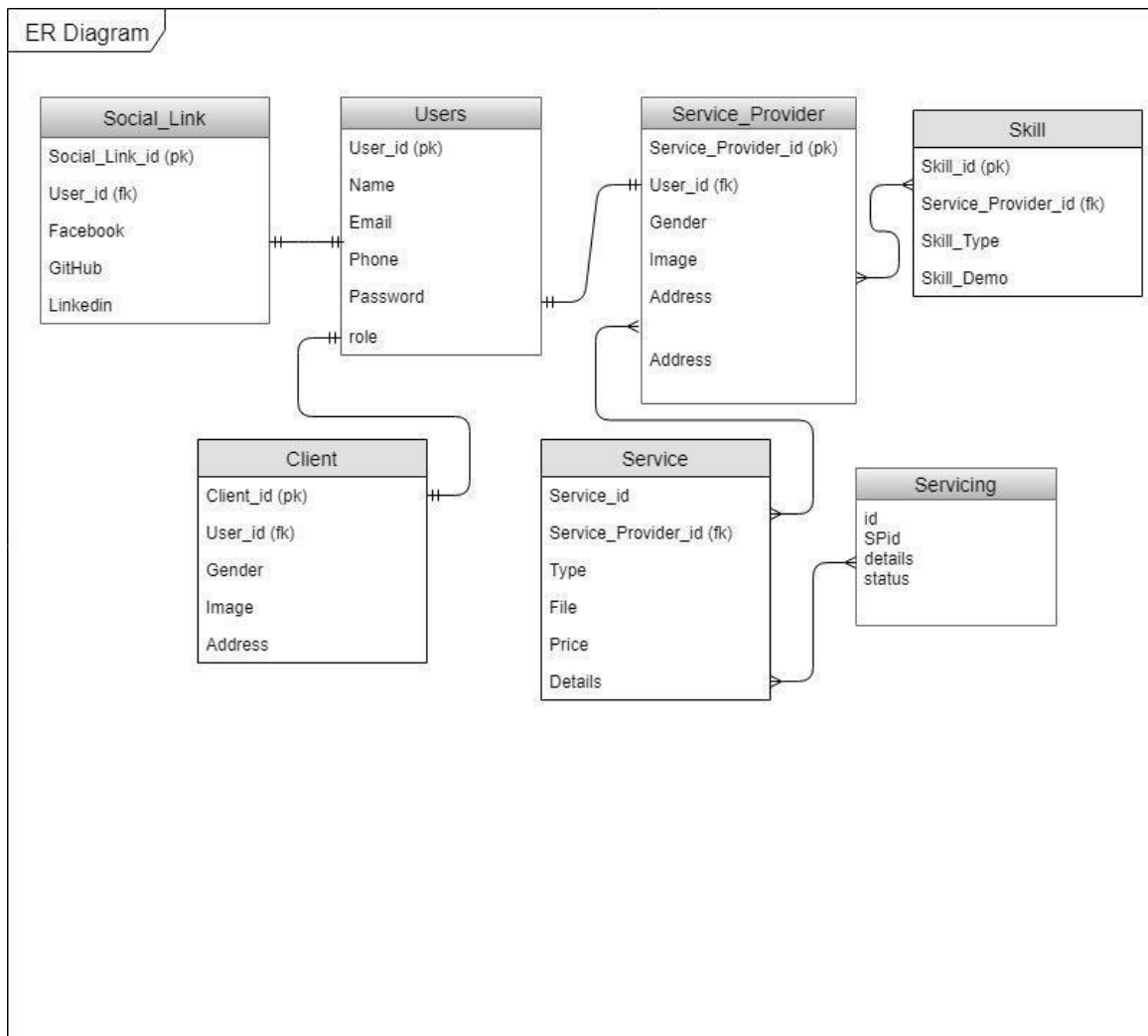


Figure 29: Database Schema

4.5.1 ER Diagram

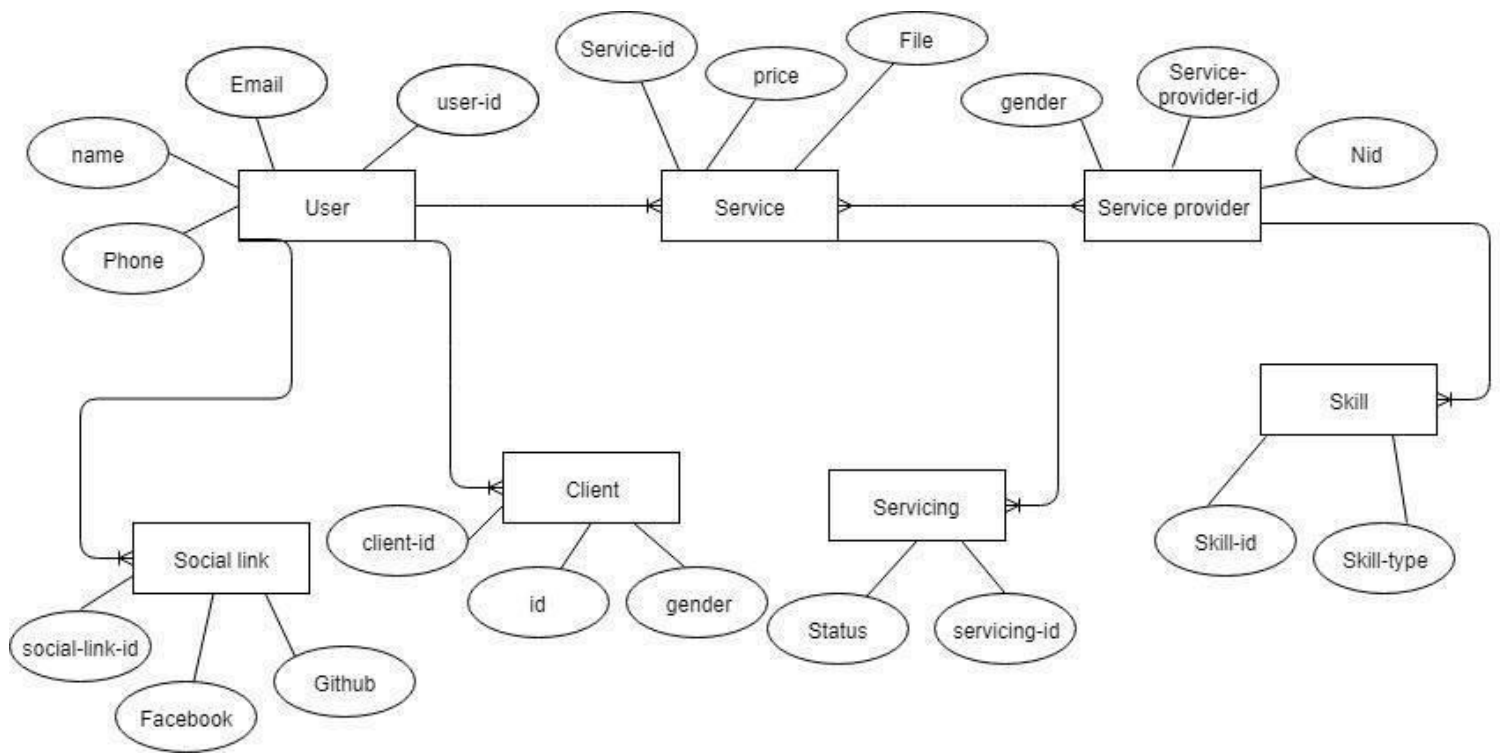


Figure 30: ER Diagram

Chapter 5 System Testing

5.1 Testing Features

5.1.1 Features to be tested

Featured id	Featured name	Description	Involved user
001	Login(admin)	Check admin log in is working or not	Admin
002	Log in (client)	Check client log in is working or not	Client
003	Log in(service provider)	check service provider is working or not	Service provider
004	send request (client)	Check sending request is working or not	client
005	Receive notification(service provider)	Check receiving notification is working or not	Service provider
006	Add phone number(client)	Check addition is working or not	client
007	Add phone number(service provider)	Check addition is working or not	Service provider
008	Update address(client)	Check updating is working or not	client
009	Update address(service provider)	Check updating is working or not	Service provider
010	Add member(admin)	Check adding member is working or not	admin

Table 20: Features to be tested

5.1.1 Features not to be tested

Featured id	Featured name	Description	Involved user
001	Speed	How quick the system retrieve data from server	system
002	Accuracy	How accurate result show the system.	system

Table 21: Testing features (not to be tested)

5.2 Testing Strategies

5.2.1. Test Approach

A test approach is the test strategy implementation of a project, defines how testing would be carried out. Test approach has two techniques: Proactive – An approach in which the test design process is initiated as early as possible in order to find and fix the defects before the build is created. Test strategy is to show how the system is to be tested and also gives precise procedures to be followed during the test plan. The test date is identified, what is being tested and the expected output as well as the actual input. Test plan is one of the standard documents that should be produced in most software engineering projects. If the project does not have any test plan this means that the software produced is of low quality. This may not be acceptable to the user since it will not satisfy their needs. The test plan should be written as soon as you have identified the requirements. The system will be tested with sample data to see how it would handle input and output functions as well as extreme data or conditions to determine the system behavior in overloaded situation which will directly slow the system that behaves in failure or extreme situations.

5.3 Testing Environment (Hardware/Software requirements)

Software: Google Chrome

Hardware:

1. Android Mobile
2. Computer
3. Laptop

5.3 Test Cases

Test Scenario ID	Login			Test Case ID	Login-1		
Test Case Description	Login – Positive test case			Test Priority	High		
Pre-Requisite	A valid user account			Post-Requisite	NA		
Test Execution Steps:							
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
1	Launch application	https://www.meramot.com/	Meramot home page	meramot home page	Google chrome	Pass	[Mukti 28/11/2018 11:44 PM]: Launch successful
2	Enter correct Email & Password and hit login button	Email id : mukti@xyz.com Password: *****	Login success	Login success	Google chrome	Pass	[mukti 28/11/2018 11:45 PM]: Login successful

Table 22: Test Case Login

Test Scenario ID	Login		Test Case ID	Login-2			
Test Case Description	Login – Negative test case		Test Priority	High			
Pre-Requisite	NA		Post-Requisite	NA			
Test Execution Steps:							
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
3	Launch application	https://www.meramot.com/	Meramot home page	Meramot home page	Google chrome	Pass	[mukti 28/11/2018 11:44 PM]: Launch successful
4	Enter invalid Email & any Password and hit login button	Email id : mukti@xyz.com Password: *****	The email address or phone number that you've entered doesn't match any account. Sign up for an account.	The email address or phone number that you've entered doesn't match any account. Sign up for an account.	Google chrome	pass	[mukti 28/11/2018 11:45 PM]: Invalid login attempt stopped

Table 23: Login negative

Test Scenario ID	Send request			Test Case ID	Send request-1		
Test Case Description	Send request – Positive test case			Test Priority	High		
Pre-Requisite	Have to log in			Post-Requisite	NA		
Test Execution Steps:							
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
6	Hit the view button	Click view button	List of services	List of services	Google chrome	Pass	[Farzana 28/11/2018 11:46 PM]: Launch successful
7	Select service	Click the selected service	Service selected	Service selected	Google chrome	Pass	[Farzana 28/11/2018 11:47 PM]: Selection successful
8	Send request	Click send button	Request sending	Request sending	Google chrome	pass	[Farzana 28/11/2018 11:47 PM]: Launch successful

Table 24: Send Request Positive

Test Scenario ID	Send request			Test Case ID	Send request-2		
Test Case Description	Send request – negative test case			Test Priority	High		
Pre-Requisite	Have to log in			Post-Requisite	NA		
Test Execution Steps:							
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
9	view services list	Click view button	List of services	List of services	Google chrome	Pass	[Farzana 28/11/2018 11:46 PM]: Launch successful
10	Do not select any service but click send button	Click send button	Showing error message. please select service.	Showing error message : please select service.	Google chrome	pass	[Farzana 28/11/2018 11:46 PM]: sending request attempt stopped
11	Do not send request	Don't click send button	Launch unsuccessful	Launch unsuccessful	Google chrome	pass	[Farzana 28/11/2018 11:47 PM]: Sending request attempt stopped

Table 32: Send Request Negative

Test Scenario ID	Receive notification			Test Case ID	Receive notification-1		
Test Case Description	Receive notification – positive test case			Test Priority	High		
Pre-Requisite	Have to log in			Post-Requisite	Na		
Test Execution Steps:							
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
13	View notification	Click notification	Notification page	Notification page	Google chrome	Pass	[Mitu 28/11/2018 11:48 PM]: Launch successful
14	Confirm request	Press confirm icon	Confirm request successful	Confirm request successful	Google chrome	pass	[Mitu 28/11/2018 11:49 PM]: Confirm request successful

Table 33: Receive Notification Positive

Test Scenario ID	Receive notification			Test Case ID	Receive notification-2		
Test Case Description	Receive notification – negative test case			Test Priority	High		
Pre-Requisite	Have to log in			Post-Requisite	NA		
Test Execution Steps:							
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
15	view notification	Click notification icon	Notification page	Notification page	Google chrome	Pass	[Mitu 28/11/2018 11:48 PM]: Launch successful
16	Reject request	Press reject icon	Reject request successful	Reject request successful	Google chrome	pass	[Mitu 28/11/2018 11:49 PM]: Reject request successful
17	view notification	Click notification icon	Notification page	System crash	Google chrome	fail	[Mitu 28/11/2018 11:48 PM]: Launch unsuccessful

Table 34: Receive Notification Negative

Test Scenario ID	Add/delete/update profile	Test Case ID	Add/delete/update -1				
Test Case Description	Add/delete/update – positive test case	Test Priority	High				
Pre-Requisite	Have to log in	Post-Requisite	NA				
Test Execution Steps:							
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
18	Enter phone number and press add button	019**** ****	Add number successfully	Add number successfully	Google chrome	Pass	[Mukti 28/11/2018 11:48 PM]: Add number successful
19	Press update button and add address	Narayang**	Updating successfully	Updating successfully	Google chrome	pass	[Mukti 28/11/2018 11:49 PM]: Updating successfully
20	Keep mouse and click delete button	Click delete button	Deletion successfully	Deletion successfully	Google chrome	pass	[Mukti 28/11/2018 11:49 PM]: Deletion successfully

Table 35: Add/Delete/Update profile(positive)

Test Scenario ID	Add/delete/update profile	Test Case ID	Add/delete/update -2				
Test Case Description	Add/delete/update – negative test case	Test Priority	High				
Pre-Requisite	Have to log in	Post-Requisite	NA				
Test Execution Steps:							
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
21	Enter phone number and don't press add button	019***** **	Phone number isn't added .please try again.	Phone number isn't added .please try again.	Google chrome	pass	[Mukti 28/11/2018 11:48 PM]: Addition unsuccessful
22	Don't Enter valid phone number and press add button	019*****	Phone number is incorrect. please try again.	Phone number is incorrect . please try again.	Google chrome	pass	[Mukti 28/11/2018 11:48 PM]: Addition unsuccessful
23	Keep mouse and don't click delete button	Don't click delete button	Deletion isn't successfully	Deletion isn't successf ully	Google chrome	pass	[Mukti 28/11/2018 11:49 PM]: Deletion unsuccessfully

Table 36: Add/Delete/Update profile(negative)

Test Scenario ID	Add/delete/update profile			Test Case ID	Add/delete/update -3		
Test Case Description	Add/delete/update – positive test case			Test Priority	High		
Pre-Requisite	Have to log in			Post-Requisite	NA		
Test Execution Steps:							
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
24	Check validity and click add button	Click add button	Add member successfully	Add member successfully	Google chrome	Pass	[akhi 28/11/2018 11:48 PM]: Add member successful
25	Check validity and click delete button	Click delete button	Delete member successfully	Delete member successfully	Google chrome	Pass	[akhi 28/11/2018 11:48 PM]: Delete member successful

Table 37: Add/Delete/Update profile(positive)

5.5. Project Status Report

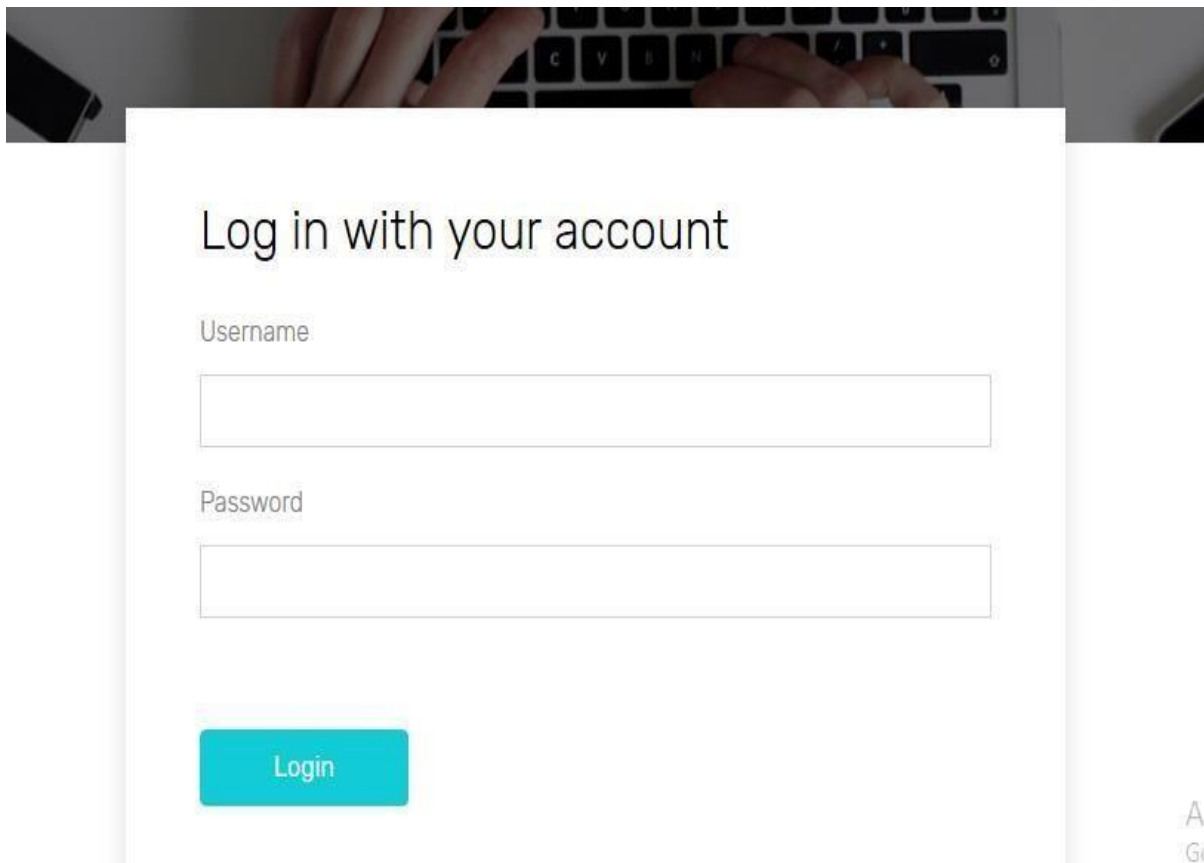
Test Case Design	Test Case Design	Test Case Pass	Test Case Fail
25	25	23	2

Table 38- Project Status Report

Chapter 6 User Manual

6.1 Users login page

User will log in to user panel. User has to provide his valid email id and password to get access to the user panel.



The image shows a login interface with a white background and a teal button. The title "Log in with your account" is centered at the top. Below it are two input fields: "Username" and "Password". A teal "Login" button is positioned below the password field. The background of the screenshot shows a person's hands typing on a laptop keyboard.

Log in with your account

Username

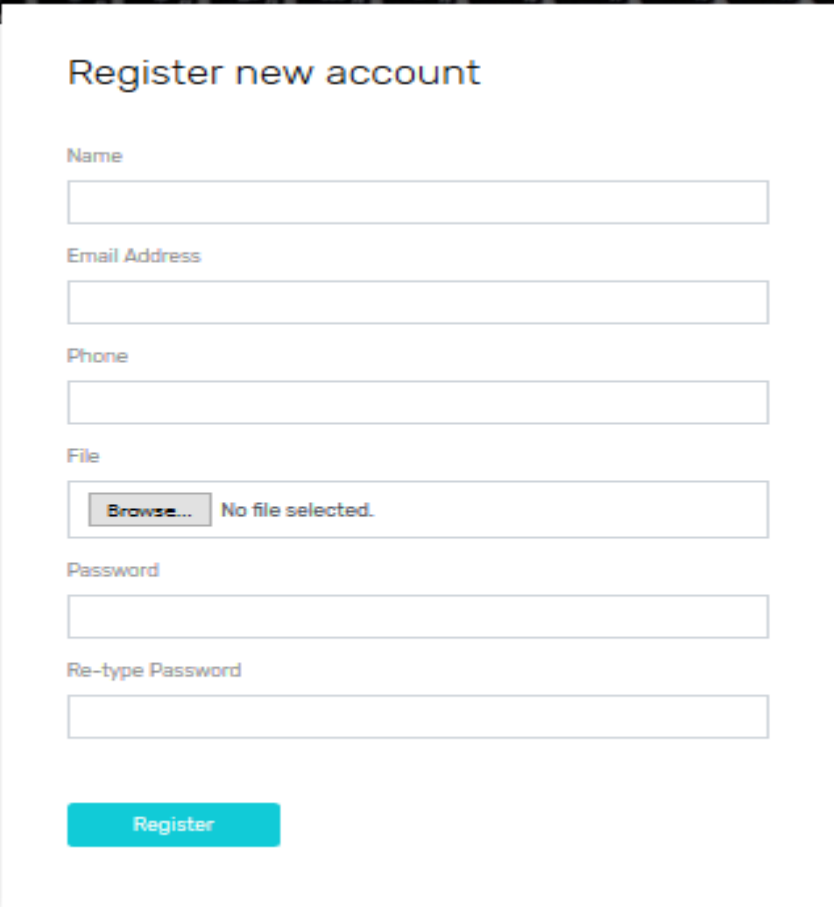
Password

Login

Figure 18: Users Login interface

6.2 User registration page

With valid information user will registration in this page. Registration of Client and service provider will be checked.



The image shows a user registration form titled "Register new account". The form contains several input fields: "Name", "Email Address", "Phone", "File" (with a "Browse..." button and "No file selected." text), "Password", and "Re-type Password". A teal "Register" button is located at the bottom of the form.

Register new account

Name

Email Address

Phone

File

 No file selected.

Password

Re-type Password

Register

Figure 19: User registration interface

6.3 Search service page

User will search service in this page.



Figure 20: User search service interface

6.4 Add location page

After selection service the client will add his/her location to find nearest service provider.

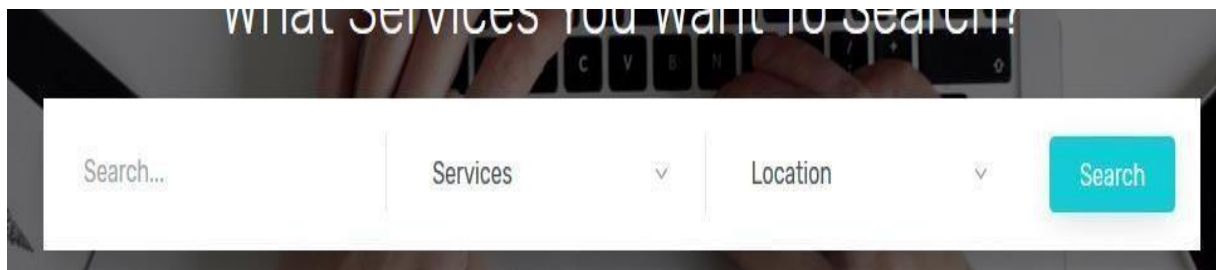
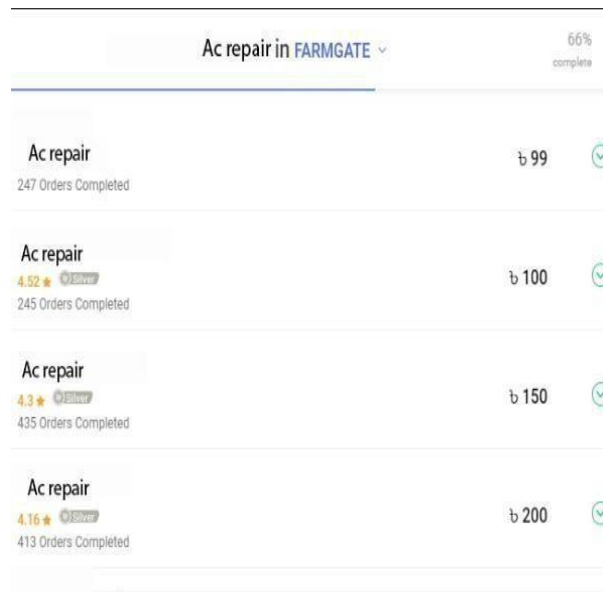


Figure 21: Add location interface

6.5 Showing cost

After adding location client will see the cost of servicing.



The screenshot shows a list of services under the heading 'Ac repair in FARMGATE'. The progress indicator shows '66% complete'. The list contains four items, each with a rating, number of orders completed, and a price.

Service	Rating	Orders Completed	Price
Ac repair	4.52	247	₺ 99
Ac repair	4.52	245	₺ 100
Ac repair	4.3	435	₺ 150
Ac repair	4.16	413	₺ 200

Figure 22: Show cost interface

6.6 send request

After seeing services with cost the client will send request to the service provider.

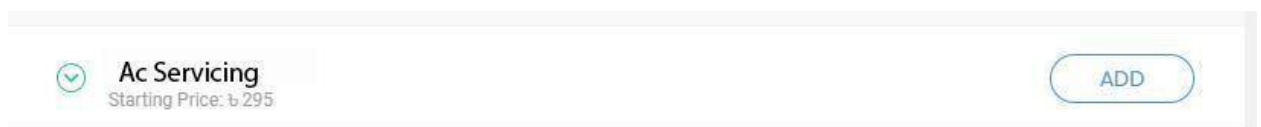


Figure 23: Send request interface

Chapter 7

Project Summery

7.1. Conclusion:

Despite of many hardship and obstacles of the circumstances finally we developed Meramot.com successfully. It will be easy to use as the user manual of this documentation. **Meramot.com** is not developed for one area or two area, it is for all those whose has need this very badly. By this system people can be benefited if they want.

7.2. GitHub Link:

7.3 Limitations:

To run this system internet must be needed. This is the limitation of this project.

7.4 Obstacles & Achievements:

There were many obstacles to complete our project like slow network, Design was not implemented properly as our thought, Insufficient skill of us etc. But there were many achievements of us like we have learn to do team work, we have learned a lot of new programming things related our project, we have learned to take risk, we have learned to pass all kind of obstacles and problems.it is true that obstacles taught us how we can achieve our success.

7.5 Future Scope:

Our future plan is to cover whole country at the same time. It will get our country people closer a step ahead. People can work efficiently and time will be saved. Our future plan is to set an employment sector for all kind of eligible people. It can be a sector of part time job for students who knows work. Today it covers a small area but in future it may cover all of the area of our country equally.

8. References

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