



# AQUA FLOW

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# ABSTRACT

The Panchayath Water Supply Management System (AQUA FLOW) is designed to enhance the efficiency and reliability of water distribution within the Panchayath jurisdiction. This system provides a comprehensive framework for managing the time schedule of water supply, facilitating new water connection applications, and addressing complaints related to water supply. The application is a detailed time schedule for informs residents of the water supply schedule for different areas, accessible through both web and mobile platforms. This ensures timely updates and helps residents manage their water usage effectively. Additionally, the system simplifies the process for applying for new water connections by allowing residents to submit and track their applications online, thereby reducing paperwork and speeding up approvals. The PWSMS also provides a platform for lodging complaints related to water supply issues, such as leaks or low pressure, with each complaint assigned a unique tracking number to monitor resolution progress. These features collectively promote transparency, accountability, and improved service delivery within the Panchayath water supply system.

# Software Requirements Specification (SRS)

Requirement analysis is a software engineering task that bridges the gap between system level software designs. We have done the requirement analysis in order to understand the problem faced in our objectives. The emphasis in requirement analysis is on identifying from the system, not how the system will achieve this goal.

# FUNCTIONAL REQUIREMENTS



## 2. Authority

- Login
- View profile
- profile update
- Manage time schedule
- View staff and verify
- view user details
- View request for water supply and verify
- Assign work to staff
- View work report
- View feedback and rating
- chat with User
- View complaints



## 4. USER

- Register
- Login
- View profile and update
- Send application
- view application status
- payment
- Bill
- View time schedule
- Send complaints
- Send feedback and rating
- Chat with staff and authority



# SYSTEM SPECIFICATION

## HARDWARE SPECIFICATION

The selection of hardware is very important in the existence and proper working of any of the software. When selecting hardware, the size and capacity requirements are also important. The hardware must suit all application developments.

- Processor : i3 or above.
- Input device : Keyboard ,Mouse
- Output device : Monitor
- RAM : 4GB or Above
- HDD : 500 GB or Above
- Mobile : Android supported mobile phone



# SOFTWARE SPECIFICATION

One of the most difficult tasks is selecting software, once the system requirement is find out then we have to determine whether a particular software package fits for those system requirements. This section summarizes the application requirement.

- Operating System : Windows 10 or above.  
and Android 10 or above
- Technologies used : Android
- Front end : Flutter,Html,Js,Css
- Programming language : Dart
- Back End : Python-Django



# SELECTION OF SOFTWARE

HTML, JAVA SCRIPT, BOOTSTRAP, CSS,AJAX, DART

- HTML (Hypertext Markup Language) provides the structure of web pages.
- JavaScript adds dynamic behavior and interactions.
- CSS (Cascading Style Sheets) enhances the presentation and styling of HTML elements.
- AJAX is a web development technique that allows to send and receive data from a server without reloading entire page
- Dart is the programming language used for Flutter development.
- Python: Versatile, easy-to-read language for web, data, AI, and rapid development.
- Flutter: Framework for cross-platform mobile apps using Dart, with fast development and native features.
- Django: High-level Python framework for secure, dynamic web apps..
- SQLite (db.sqlite3): Lightweight, serverless SQL database embedded in apps, ideal for local storage, prototyping, and small to medium projects.



## BOOK REFERENCE

- Ian Somerville, Software Engineering, Pearson Education Asia.
- Software Engineering- Rohith Khurana
- ASP.NET Unleashed- Stephen Walther

## REFERENCE

- [www.wikipedia.com](http://www.wikipedia.com)
- [www.learnvisualstudio.net](http://www.learnvisualstudio.net)
- [www.google.com](http://www.google.com)
- [www.codeproject.com](http://www.codeproject.com)
- [www.tutorialspoint.com](http://www.tutorialspoint.com)
- [www.w3schools.com](http://www.w3schools.com)



# EXISTING SYSTEM

The existing system for managing water supply scheduling, new connection applications, and complaint handling relies on manual processes, leading to inefficiencies and delays. Water supply schedules are typically communicated through offline methods such as notice boards or public announcements, making them inaccessible to many residents in real time. Similarly, applying for new water connections requires residents to visit the Panchayath office, submit physical forms, and wait for approvals, resulting in prolonged processing times. Complaint management is also handled traditionally, with issues recorded manually in registers or over phone calls, making tracking and resolution slow and ineffective. Additionally, the lack of transparency prevents residents from easily monitoring their application or complaint status, causing dissatisfaction and reduced accountability.

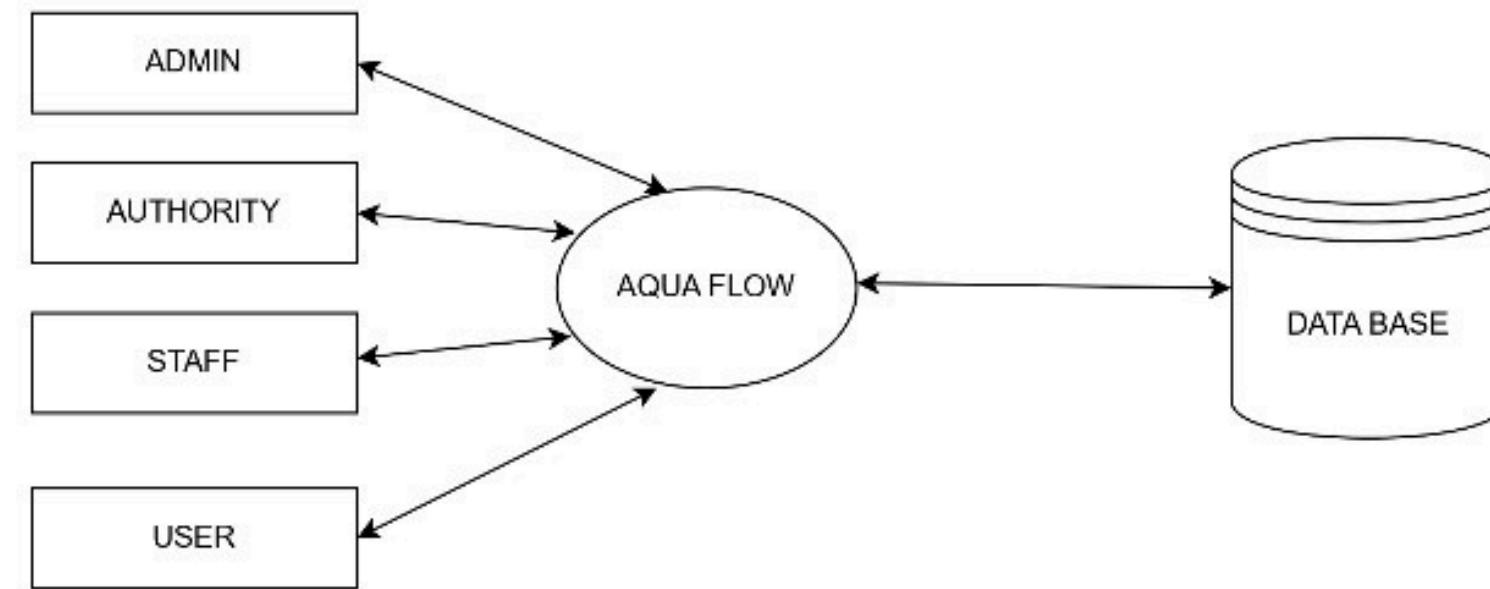
# PROPOSED SYSTEM

The proposed system addresses these challenges by introducing a web and mobile-based platform that automates water supply scheduling, ensuring real-time updates for residents. It also streamlines the application process for new water connections by allowing online submissions and status tracking, reducing paperwork and delays. Furthermore, the system enhances complaint management by enabling residents to file complaints digitally, assigning unique tracking numbers for better monitoring and faster resolution. By digitizing these processes, the proposed system promotes transparency, accountability, and improved service delivery within the Panchayath water supply management framework.

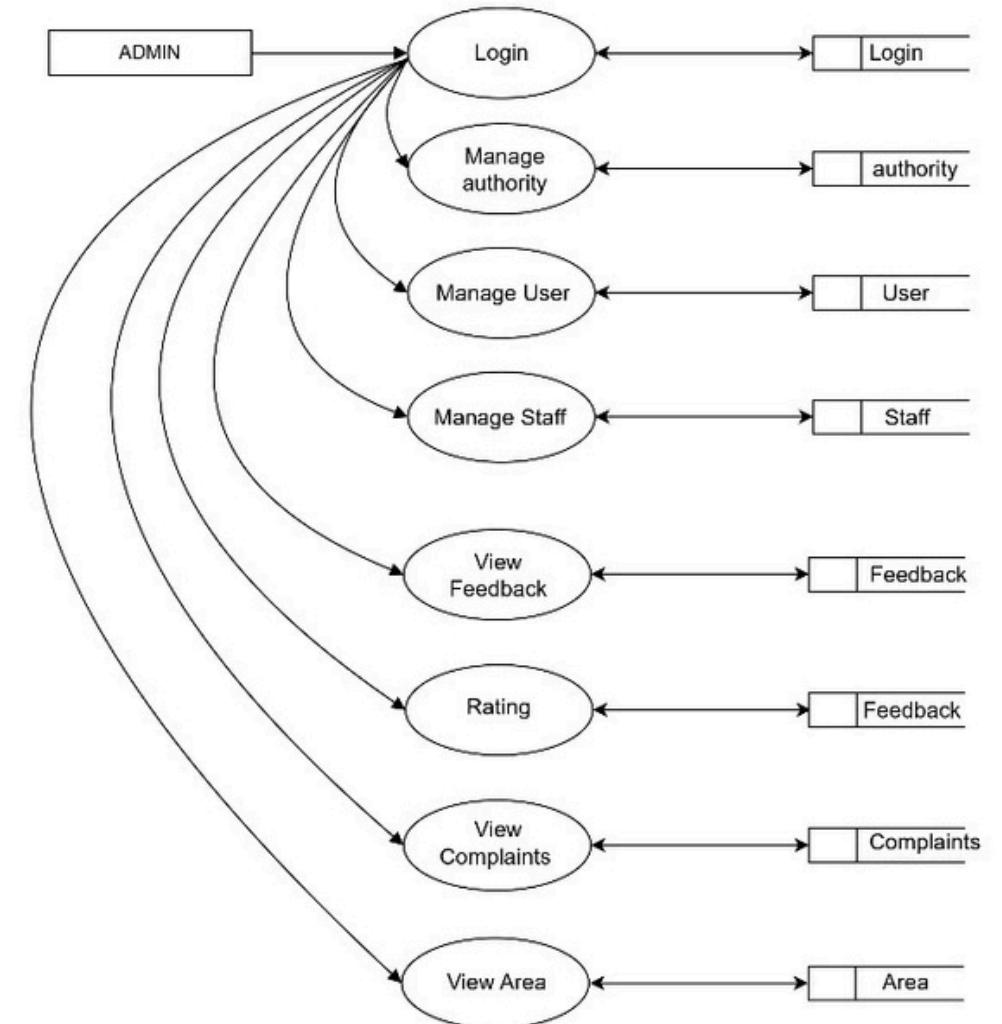
# DATA FLOW DIAGRAM

# LEVEL 0

## LEVEL 0

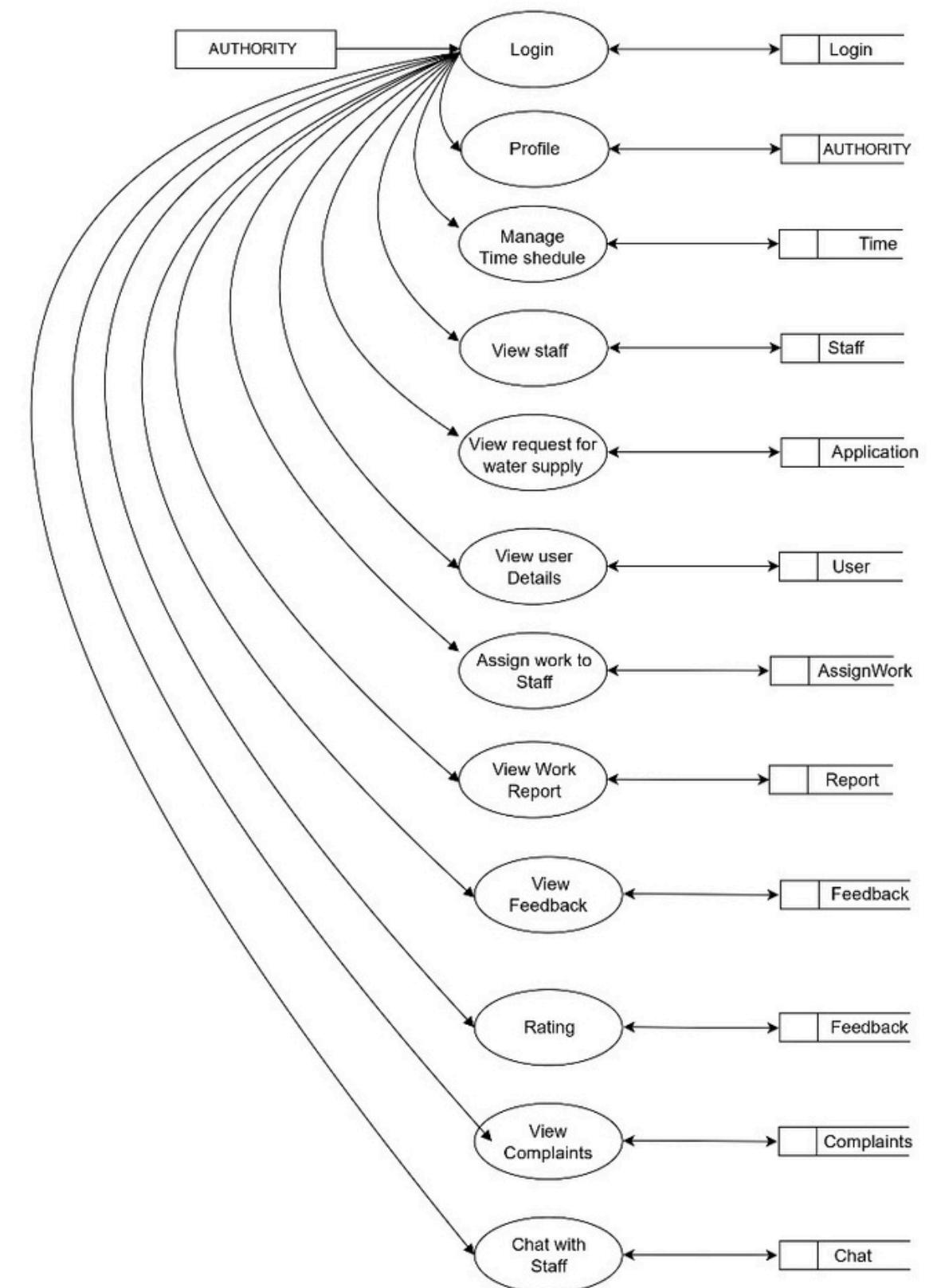


## LEVEL 1.1

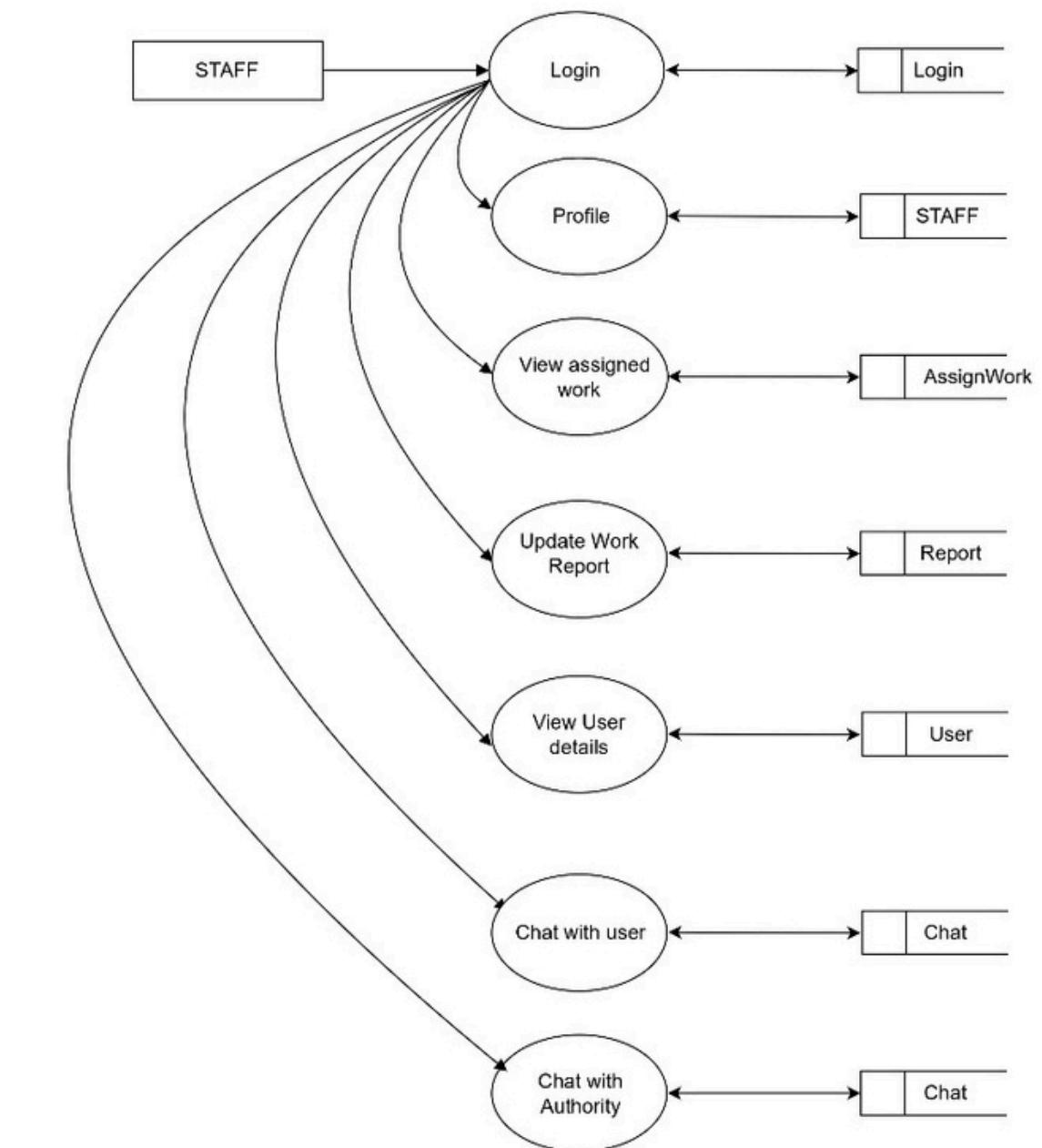


## LEVEL 1.2

LEVEL 1.2

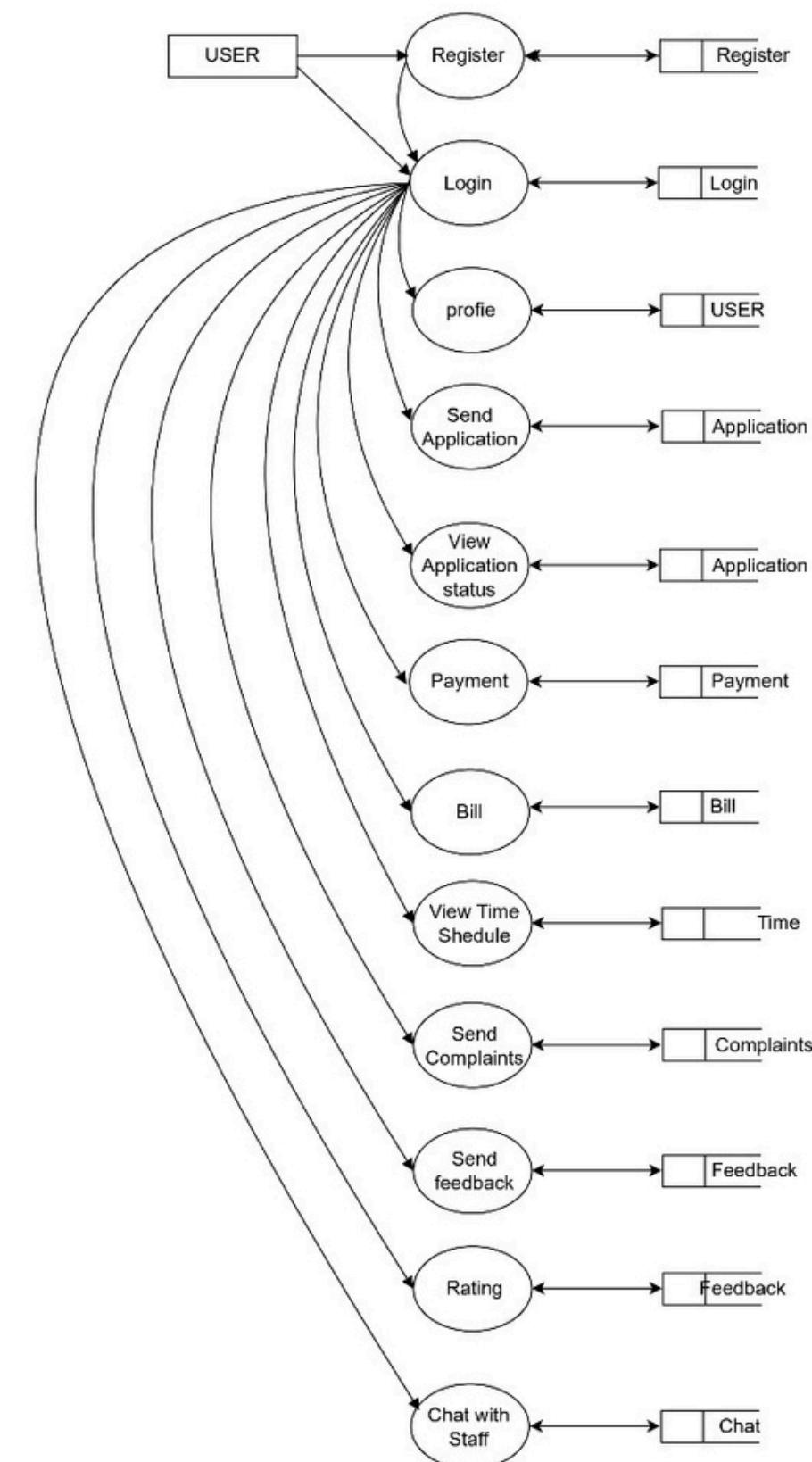


## LEVEL 1.3

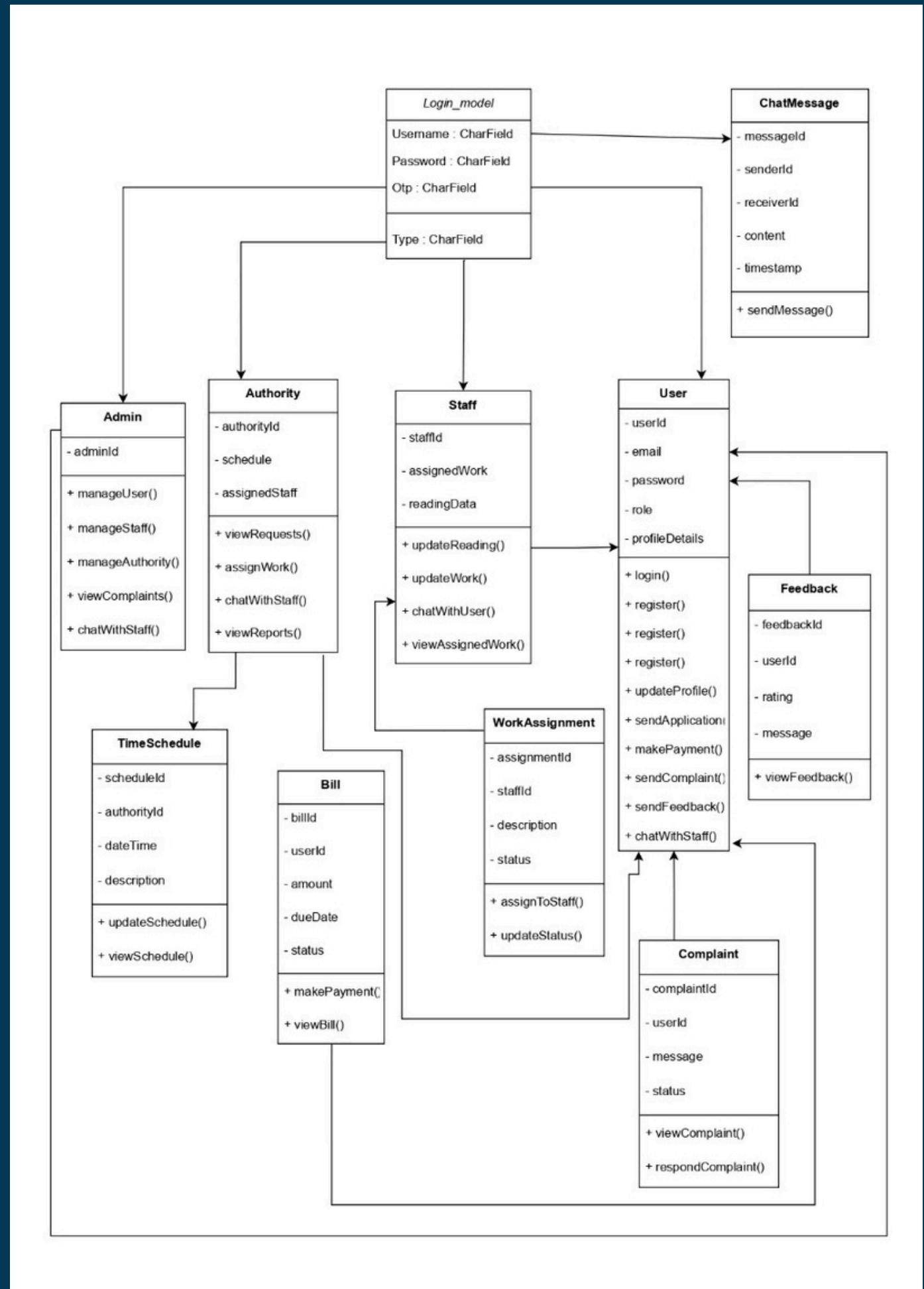


## LEVEL 1.4

LEVEL 1.4



# CLASS DIGRAM



# TABLES

## LOGIN TABLE

FIELD NAME	DATA TYPE	CONSTRAINTS
Login_Id	Integer Field	Primary Key
Username	Char Field	Not Null
Password	Char Field	Not Null
Type	Char Field	Not Null
Otp	Char Field	Not Null

## AUTHORITY TABLE

FIELD NAME	DATA TYPE	CONSTRAINTS
Id	Integer Field	Primary Key
First_name	Char Field	Not Null
Mid_name	Char Field	Not Null
Last_name	Char Field	Not Null
AREA	Char Field	Foreign Key
Place	Char Field	Not Null
Address	Char Field	Not Null
Pincode	Char Field	Not Null
Profile	File Field	Not Null
Phone	Char Field	Not Null
Email	Char Field	Not Null
LOGIN	Int(10)	Foreign Key
Panchayath_name	Char Field	Not Null

## STAFF TABLE

FIELD NAME	DATA TYPE	CONSTRAINTS
Id	Integer Field	Primary Key
First_name	Char Field	Not Null
Mid_name	Char Field	Not Null
Last_name	Char Field	Not Null
Pin code	Char Field	Not Null
AREA	Char Field	Foreign Key
Profile	File Field	Not Null
Phone	Char Field	Not Null
Email	Char Field	Not Null
LOGIN	Integer Field	Foreign Key
AUTHORITY	Char Field	Foreign Key

## USER TABLE

FIELD NAME	DATA TYPE	CONSTRAINTS
Id	Integer Field	Primary Key
First_name	Char Field	Not Null
Mid_name	Char Field	Not Null
Last_name	Char Field	Not Null
Email	Char Field	Not Null
Pincode	Int (20)	Not Null
Phone	Int (20)	Not Null
Profile	File Field	Not Null
Consumer_no	Char Field	Not Null
Address	Char Field	Not Null
Proof	File Field	Not Null
Area	Char Field	Foreign Key
LOGIN	Integer Field	Foreign Key

## CHAT TABLE

FIELD NAME	DATA TYPE	CONSTRAINTS
Id	Integer Field	Primary Key
Chat	Char Field	Not Null
Date	Date Field	Not Null
Time	Integer Field	Not Null
FROMID	Integer Field	Foreign Key
TOID	Integer Field	Foreign Key

## TIME TABLE

FIELD NAME	DATA TYPE	CONSTRAINTS
Id	Integer Field	Primary Key
Date	Date Field	Not Null
description	Char Field	Not Null
morning—Time	Time Field	Not Null
evening—Time	Time Field	Not Null

## REPORT TABLE

FIELD NAME	DATA TYPE	CONSTRAINTS
Id	Integer Field	Primary Key
Consumer-no	Date Field	Not Null
Complaint-no	Char Field	Not Null
STAFF	Char Field	Foreign Key
Upload-photo	File Field	Not Null
description	Char Field	Not Null

## BILL TABLE

FIELD NAME	DATA TYPE	CONSTRAINTS
Id	Integer Field	Primary Key
USER	Char Field	Foreign Key
READING	Char Field	Foreign Key
Payment-status	Char Field	Not Null
Date	Date Field	Not Null
Due-date	Date Field	Not Null

## READING TABLE

FIELD NAME	DATA TYPE	CONSTRAINTS
Id	Integer Field	Primary Key
STAFF	Char Field	Not Null
USER	Char Field	Foreign Key
Current_Reading	Integer Field	Not Null
Fixed_Charge	Integer Field	Not Null
Advance	Integer Field	Not Null
Prior_Obligation	Integer Field	Not Null
Fine	Integer Field	Not Null
Total_Amount	Integer Field	Not Null

## APPLICATION TABLE

FIELD NAME	DATA TYPE	CONSTRAINTS
Id	Integer Field	Primary Key
USER	Float	Foreign Key
Application_no	Integer Field	Not Null
Panchayath_name	Char Field	Not Null
Father_Name	Char Field	Not Null
Address	Char Field	Not Null
Phone_no	Integer Field	Not Null
Family_members	Integer Field	Not Null
Adhar_no	Integer Field	Not Null
Rationcard	Char Field	Not Null
Neighbourconsumer_no	Integer Field	Not Null
Cast	Char Field	Not Null
Aadhaar_photo	File Field	Not Null
Rationcard_photo	File Field	Not Null
Ownershipcertificate_photo	File Field	Not Null
Status	Char Field	Not Null

## ASSIGNEDWORK TABLE

FIELD NAME	DATA TYPE	CONSTRAINTS
Id	Integer Field	Primary Key
STAFF	Char Field	Foreign Key
Area	Char Field	Not Null
Work	Integer Field	Not Null

## FEEDBACK TABLE

FIELD NAME	DATA TYPE	CONSTRAINTS
Id	Integer Field	Primary Key
Feedback	Char Field	Not Null
Rating	Char Field	Not Null
Date	Date Field	Not Null
USER	Char Field	Foreign Key

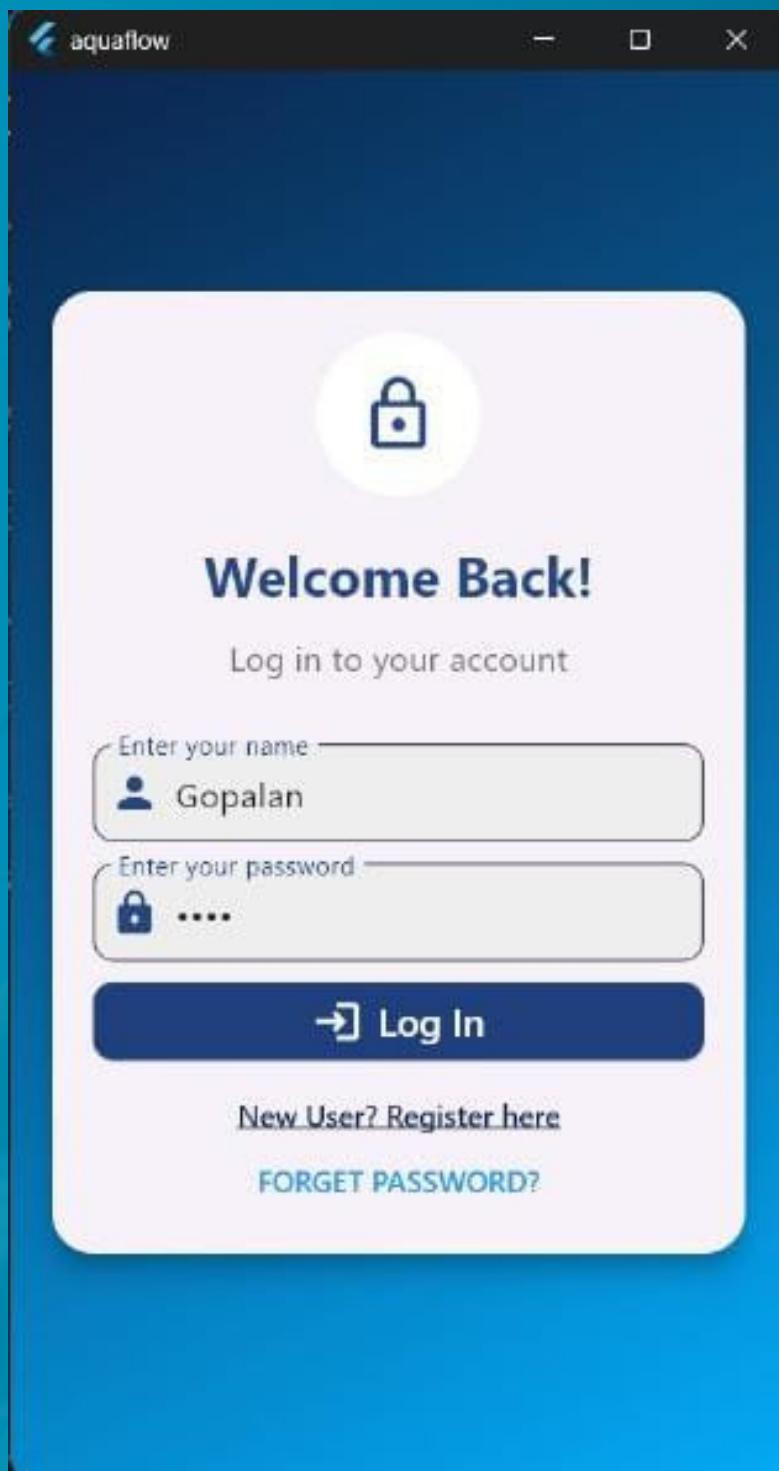
## AREA TABLE

FIELD NAME	DATA TYPE	CONSTRAINTS
Id	Integer Field	Primary Key
Area	Char Field	Not Null

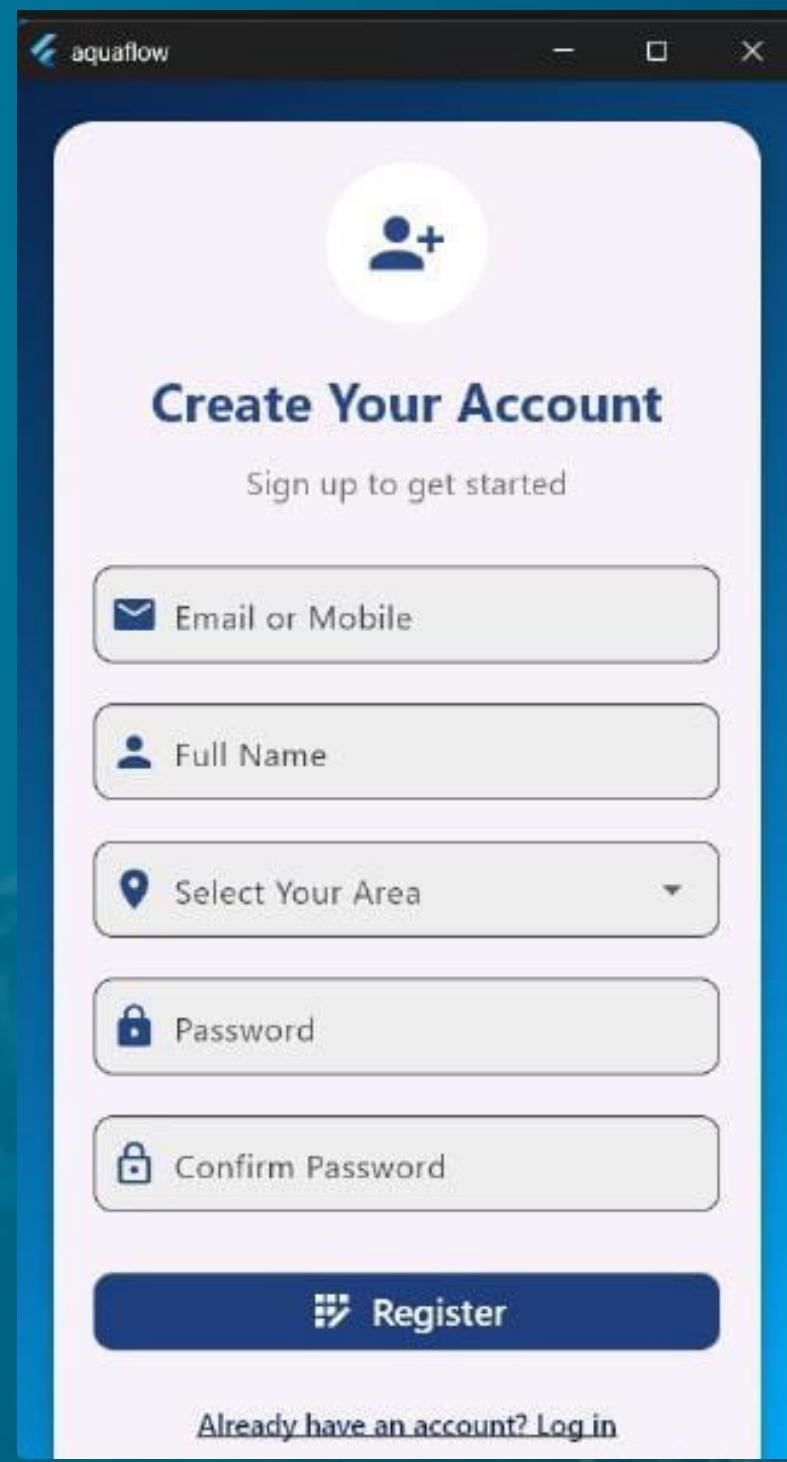
# USER INTERFACE (UI)

# 1.USER

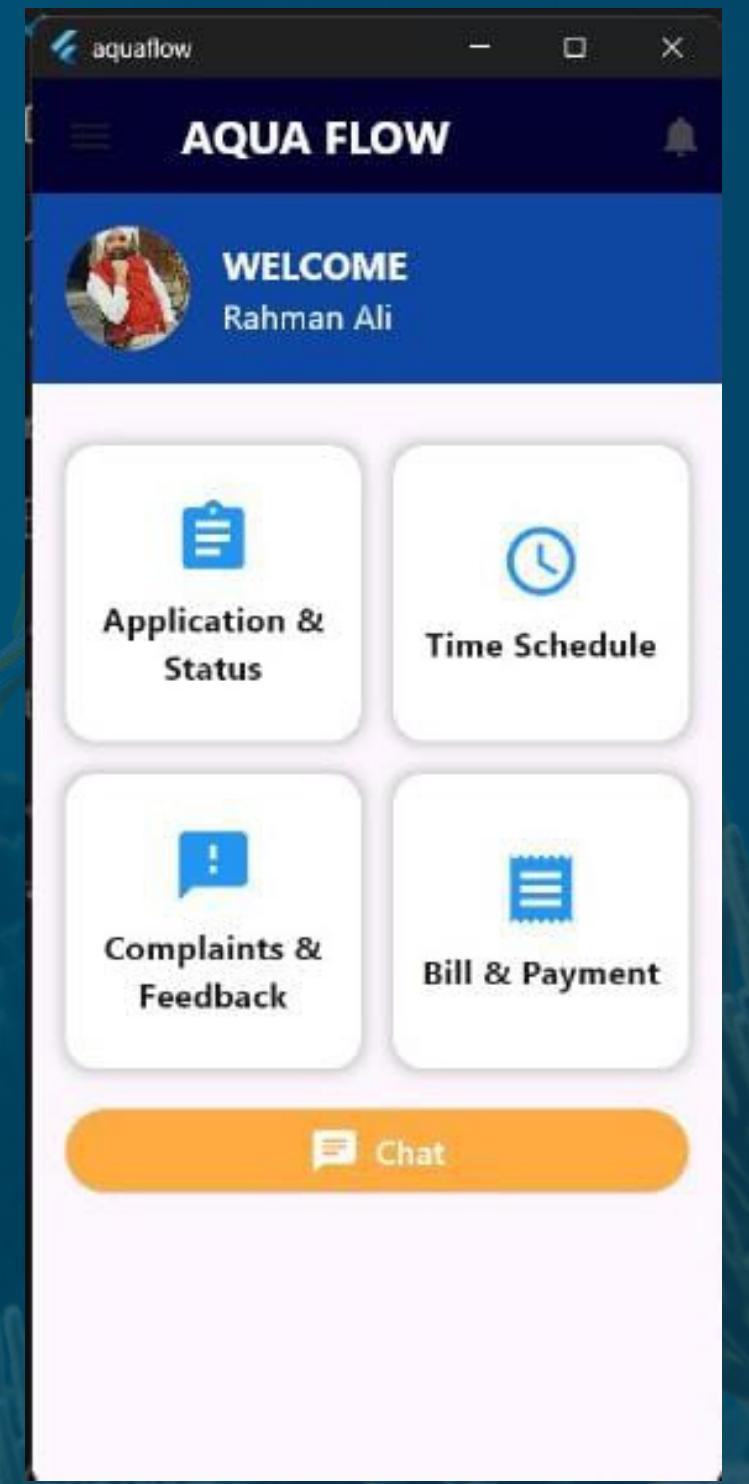
LOGIN PAGE



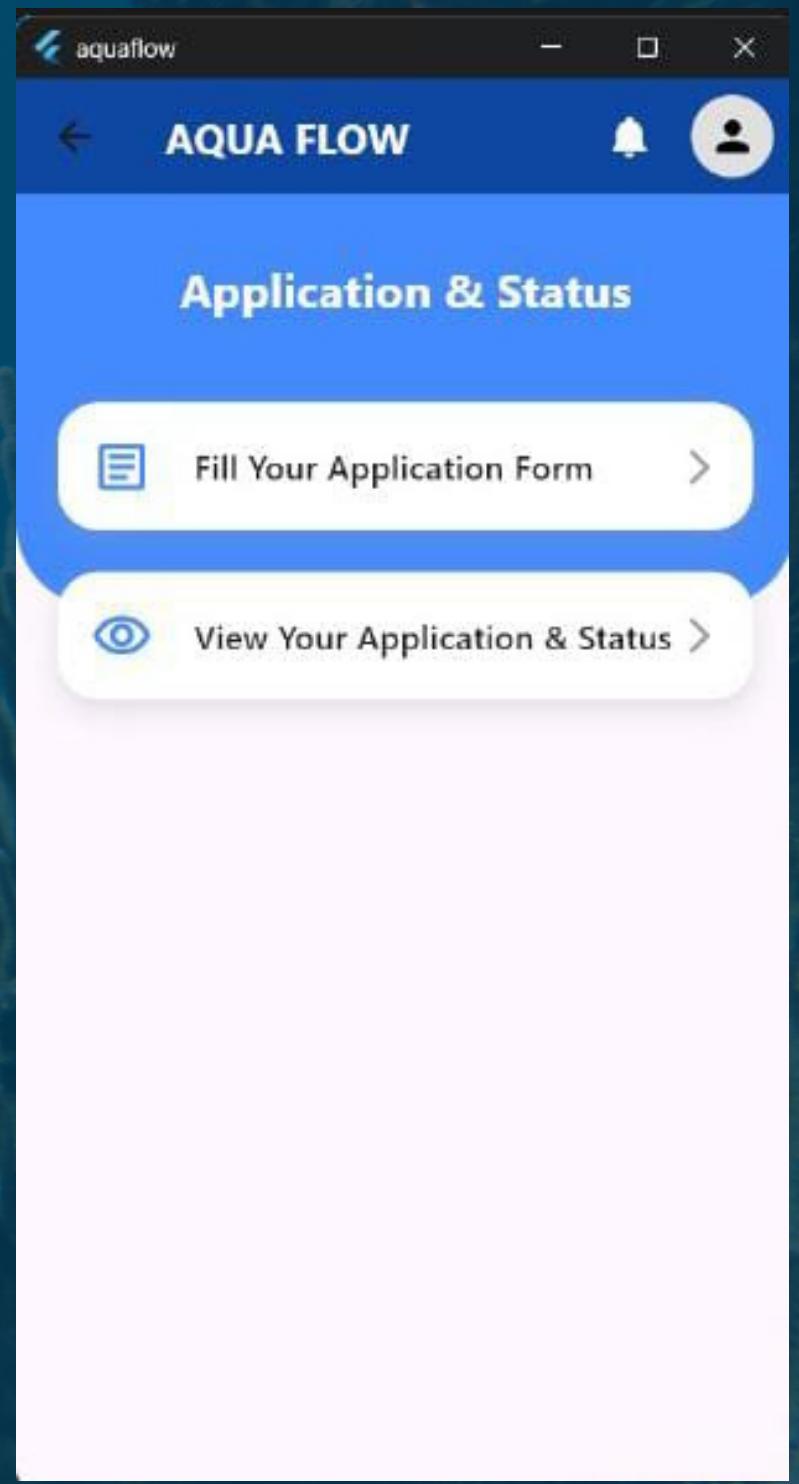
USER REGISTRATION



HOME PAGE



APPLICATION & STATUS



# APPLICATION FORM

**AQUA FLOW**

NAME OF GRAM PANCHAYAT

APPLICANT'S NAME

FATHER'S/MOTHER'S NAME

ADDRESS

PHONE NO

**BACK** **NEXT**

**AQUA FLOW**

NUMBER OF FAMILY MEMBERS

AADHAAR NO

RATION CARD (BPL/APL)

NEIGHBOUR CONSUMPTION NO

BELONGING TO SCHEDULED CASTES/SC...

**BACK** **NEXT**

**AQUA FLOW**

1 2 3 4

**SUBMIT THE OWNERSHIP CERTIFICATE OF THE BUILDING**

 Upload Photo

**SUBMIT COPY OF AADHAAR CARD**

 Upload Photo

**SUBMIT COPY OF RATION CARD**

 Upload Photo

**BACK** **NEXT**

**AQUA FLOW**

**STATEMENT OF TRUTH**

Please Inform That I Currently Do Not Have Adequate Drinking Water Source And Would Like To Get Drinking Water Connection

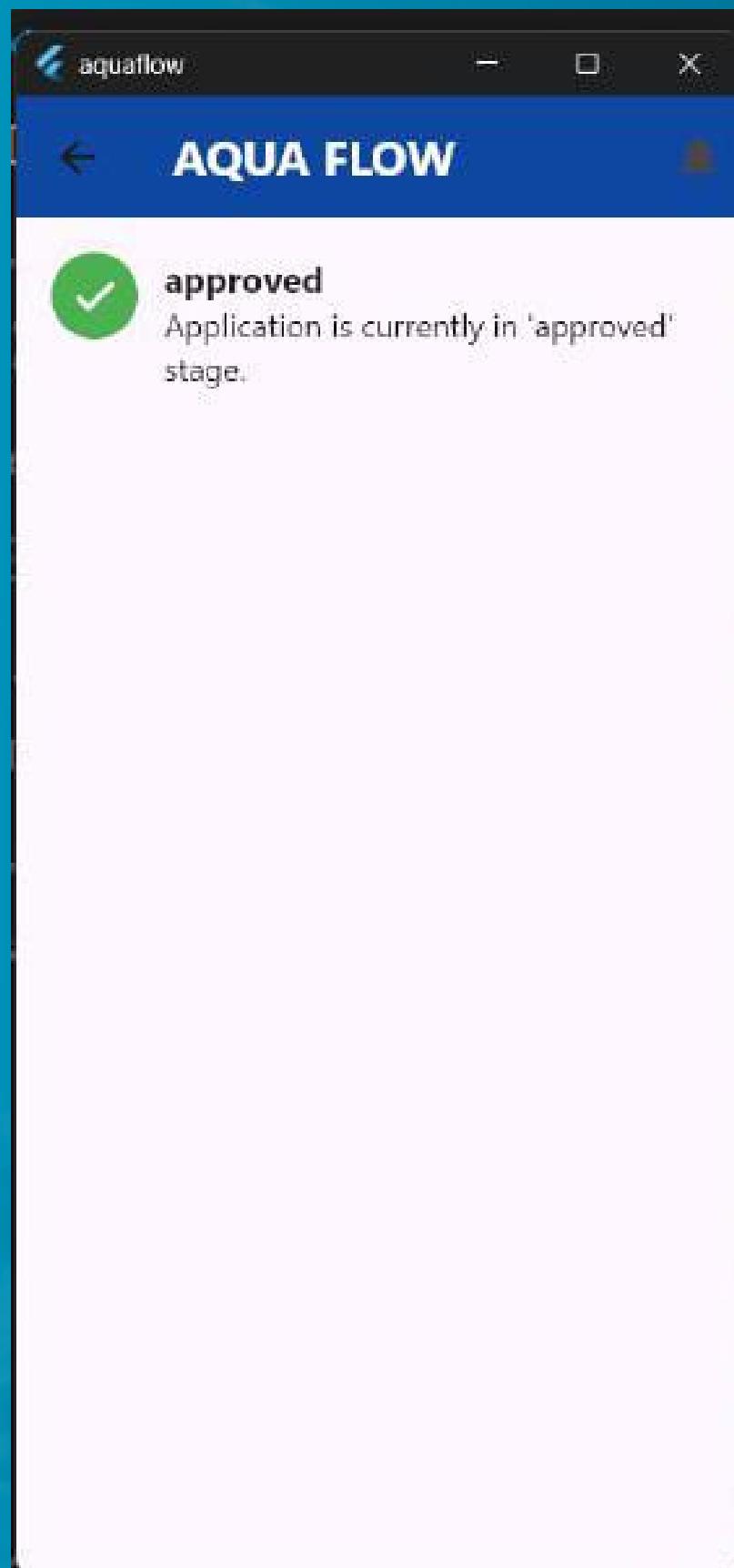
Agree

Date 

Place

**BACK** **SUBMIT**

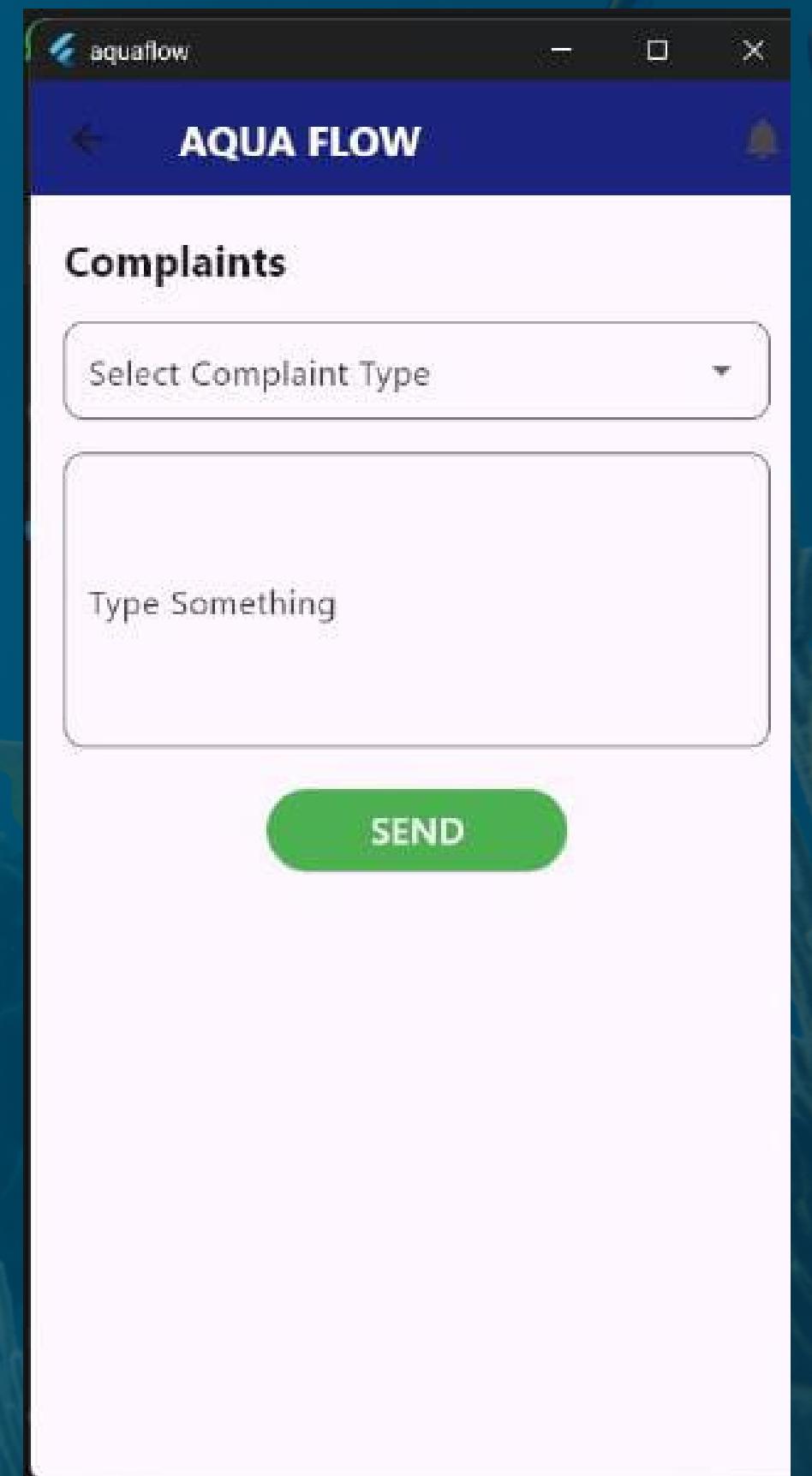
## STATUS



## TIME SCHEDULE



## COMPLAINTS



## CHAT



## BILL

aquaflow

### AQUA FLOW

USER ID : 25 DATE : 2025-03-17

NAME : Rahman Ali  
ADDRESS : puthiyapurayil

Previous meter reading	200000.0
Current meter reading	500000
Total usage	30000.0
Fixed charge	100.0
Prior obligation	0.0
Advance	0.0
Fine	0.0
Total amount	100.0

Pay by any UPI app

## PAYMENT

aquaflow

### AQUA FLOW

#### PAYMENT

Google Pay

PayPal

Apple Pay

PhonePe

Fixed charge	100
Prior obligation	000
Advance	000
Fine	000
<b>Total amount</b>	<b>100.00</b>

**PAY NOW**

## VIEW PROFILE

aquaflow

### AQUA FLOW



Rahman Ali  
9856432456

**EDIT PROFILE**

## EDIT PROFILE

aquaflow

### AQUA FLOW



First Name —  
Rahman

Middle Name —  
Ali

Last Name —

Phone No —  
9856432456

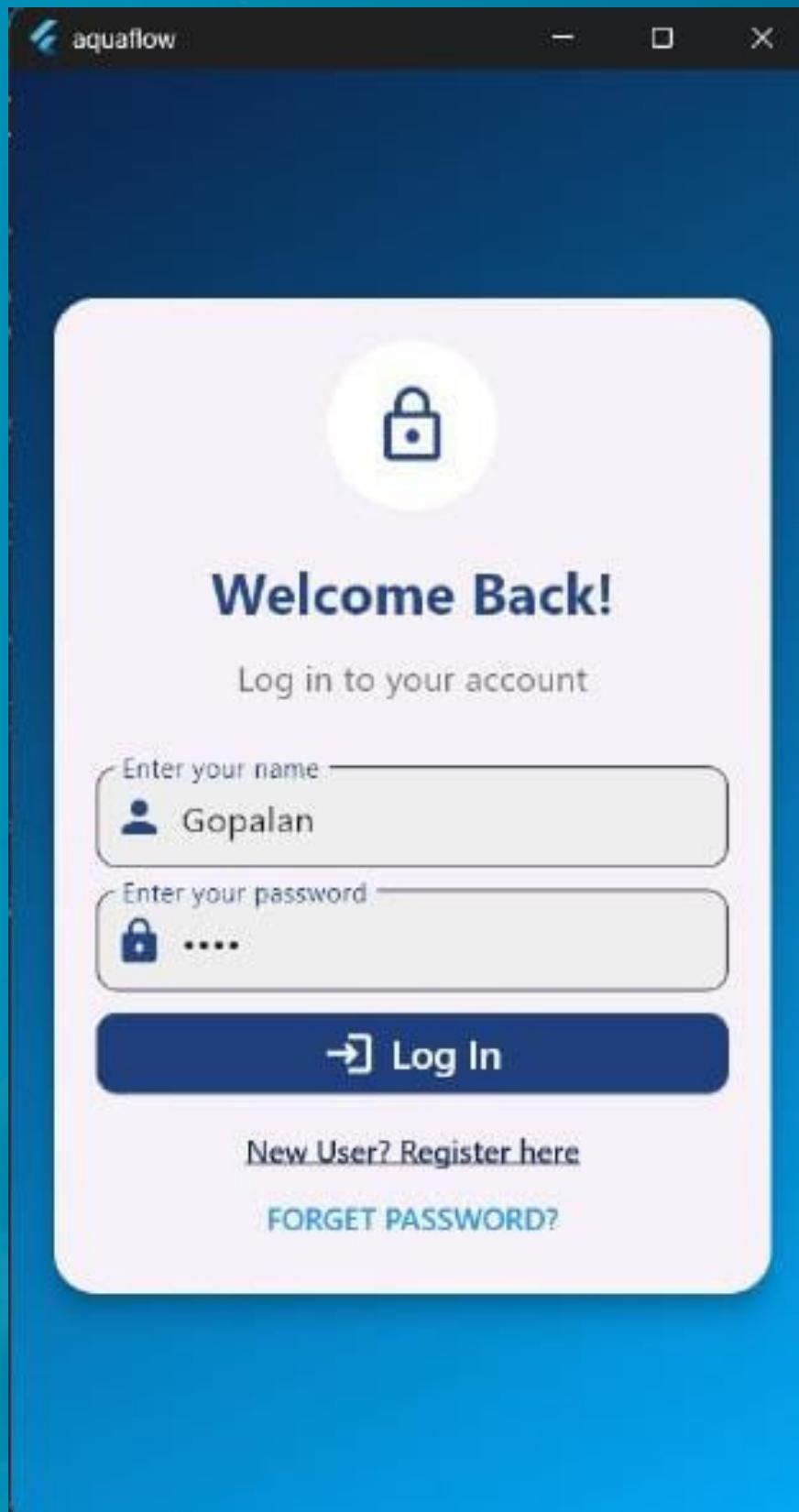
E-mail —  
rahman@gmail.com

Pin Code —  
674454

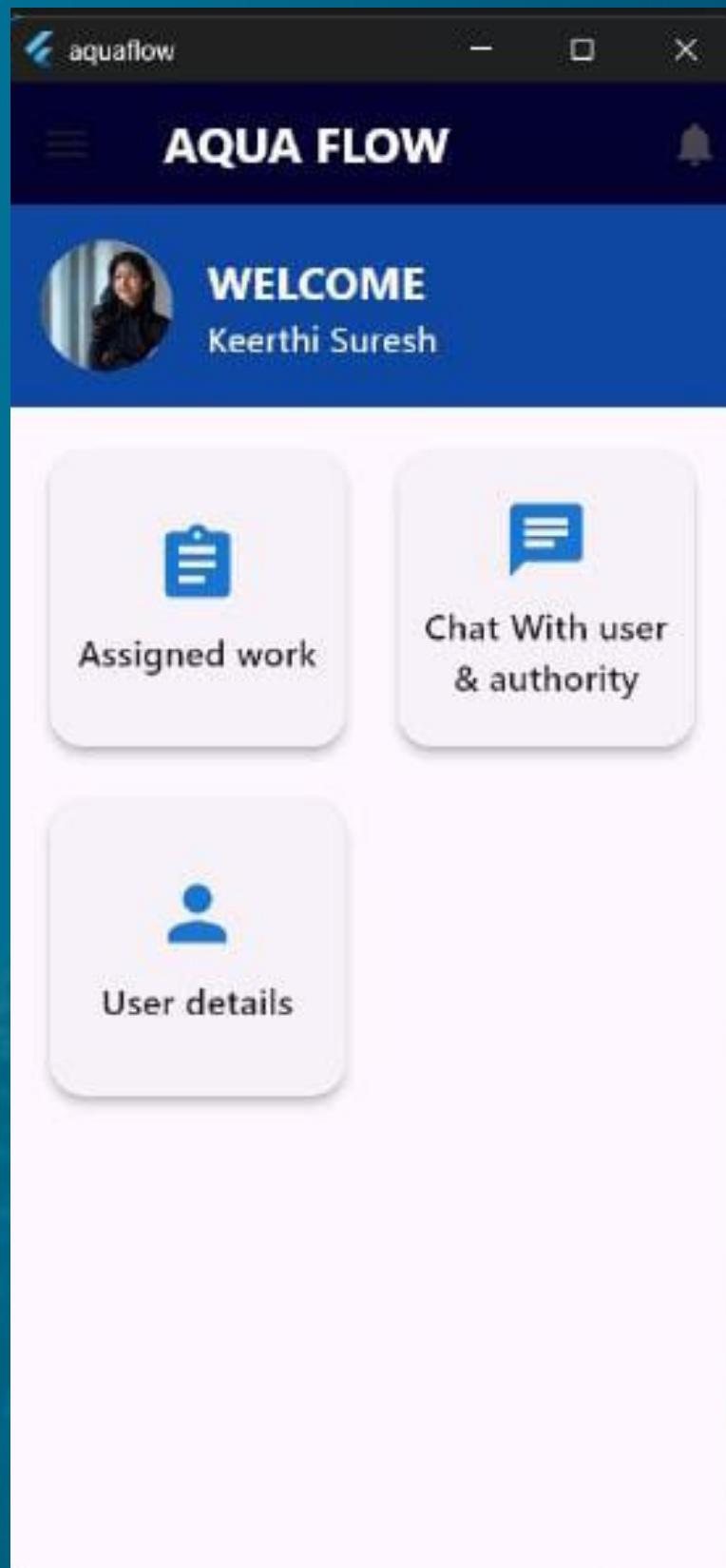
Address —  
puthiyapurayil

## 2. STAFF

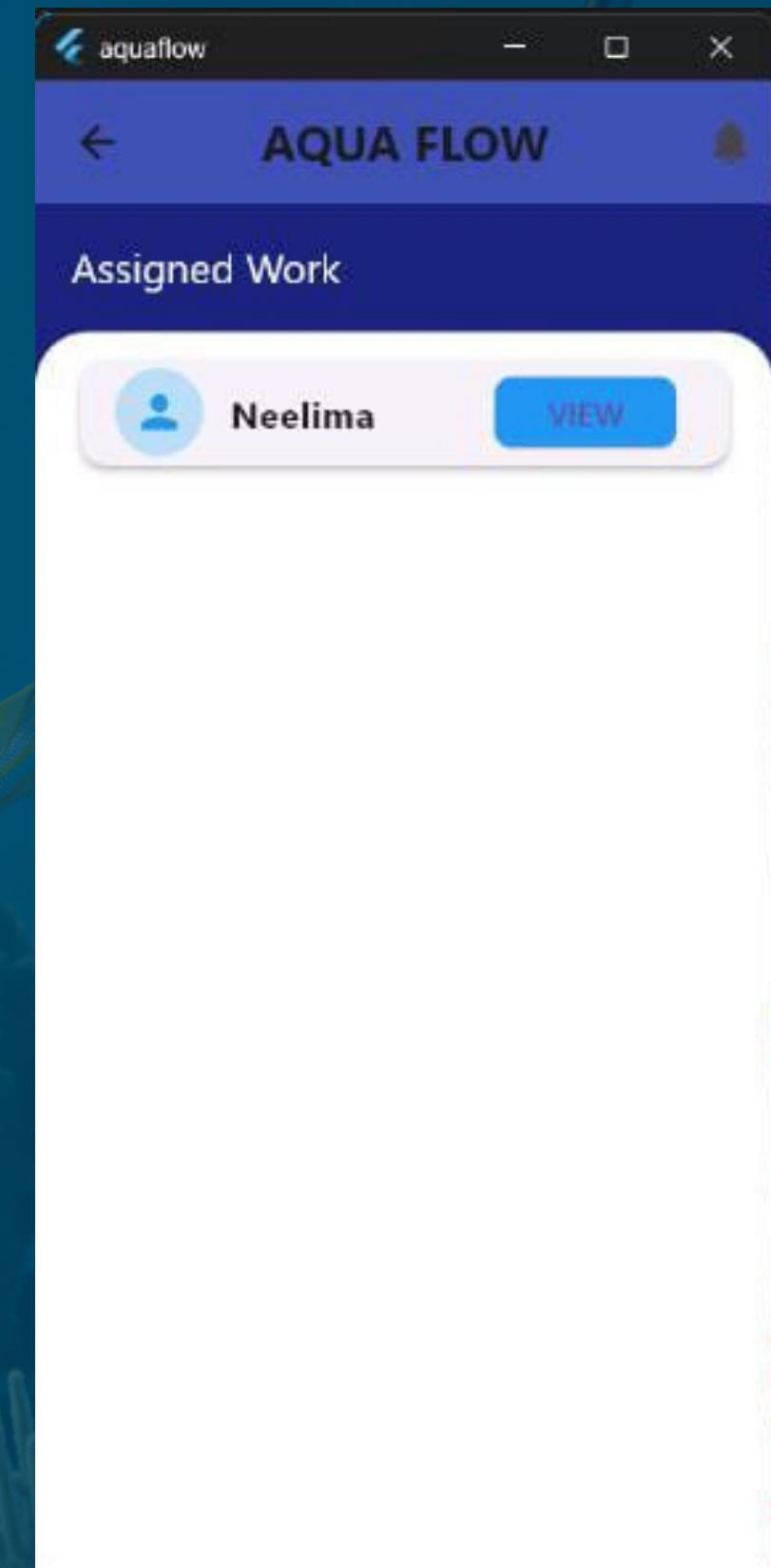
LOGIN PAGE



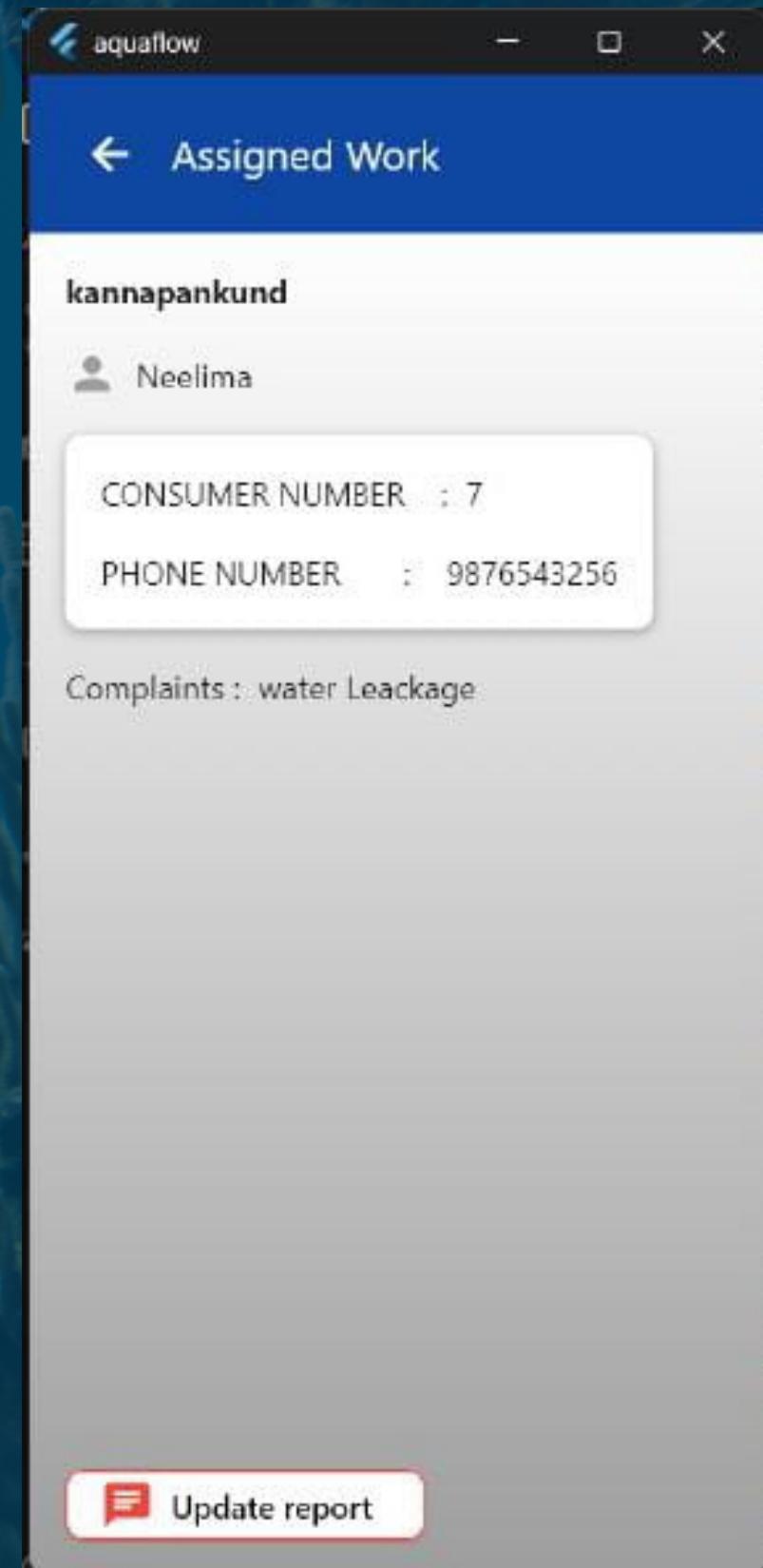
HOME PAGE



ASSIGNED WORK



VIEW WORK



## UPDATE REPORT

The screen shows a blue header with the aquaflow logo and a back arrow. Below it is a white header bar with the text "AQUA FLOW" and a user icon. The main area has a white background with a large blue rounded rectangle containing the text "CONSUMER NUMBER: 7". Inside this box is a smaller input field with the placeholder "Type Something". At the bottom are two green buttons: "Upload Photo" with a camera icon and "SEND".

## USER LIST

The screen shows a blue header with the aquaflow logo and a back arrow. Below it is a white header bar with the text "User Details" and a user icon. A search bar with a magnifying glass icon and the placeholder "Search" is at the top. Below it is a list of four users in a grid format:

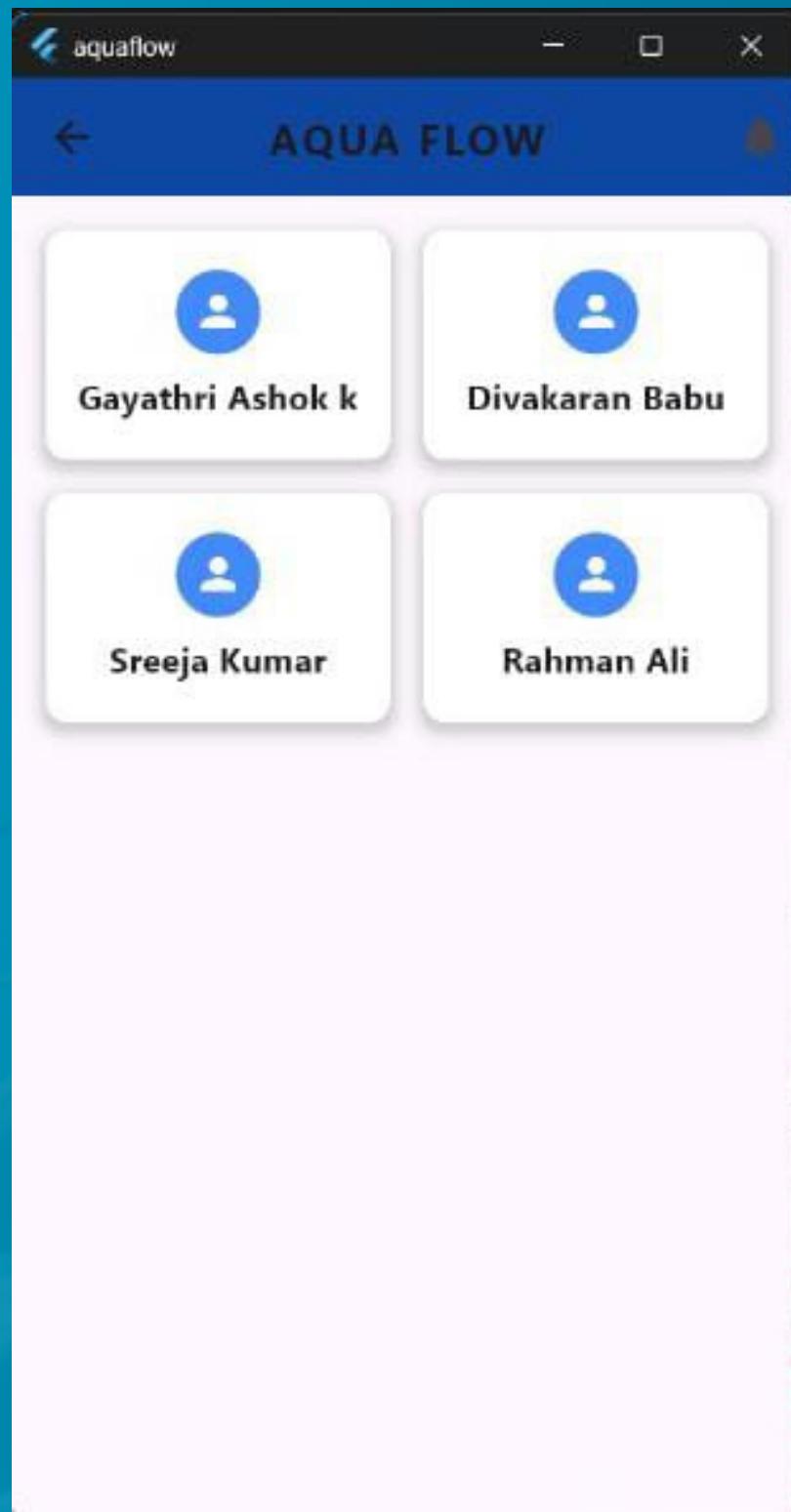
	<b>Gayathri</b> Consumer_No: 1 Phone: 9876543213	
	<b>Divakaran</b> Consumer_No: 2 Phone: 9067854323	
	<b>Sreeja</b> Consumer_No: 3 Phone: 9765432123	
	<b>Rahman</b> Consumer_No: 4 Phone: 9856432456	

## UPDATE READING

The screen shows a blue header with the aquaflow logo and a back arrow. Below it is a white header bar with the text "AQUA FLOW". The main area contains several input fields with consumer details and meter readings:

CONSUMER NO: 4	
NAME: Rahman	
Previous Meter Reading	500000
Current Meter Reading	530500
Total Usage	30500.00
Fixed_charge	100.0
Advance	0.0
Prior_obligation	0.0
Fine	50.00
Total_amount	150.00

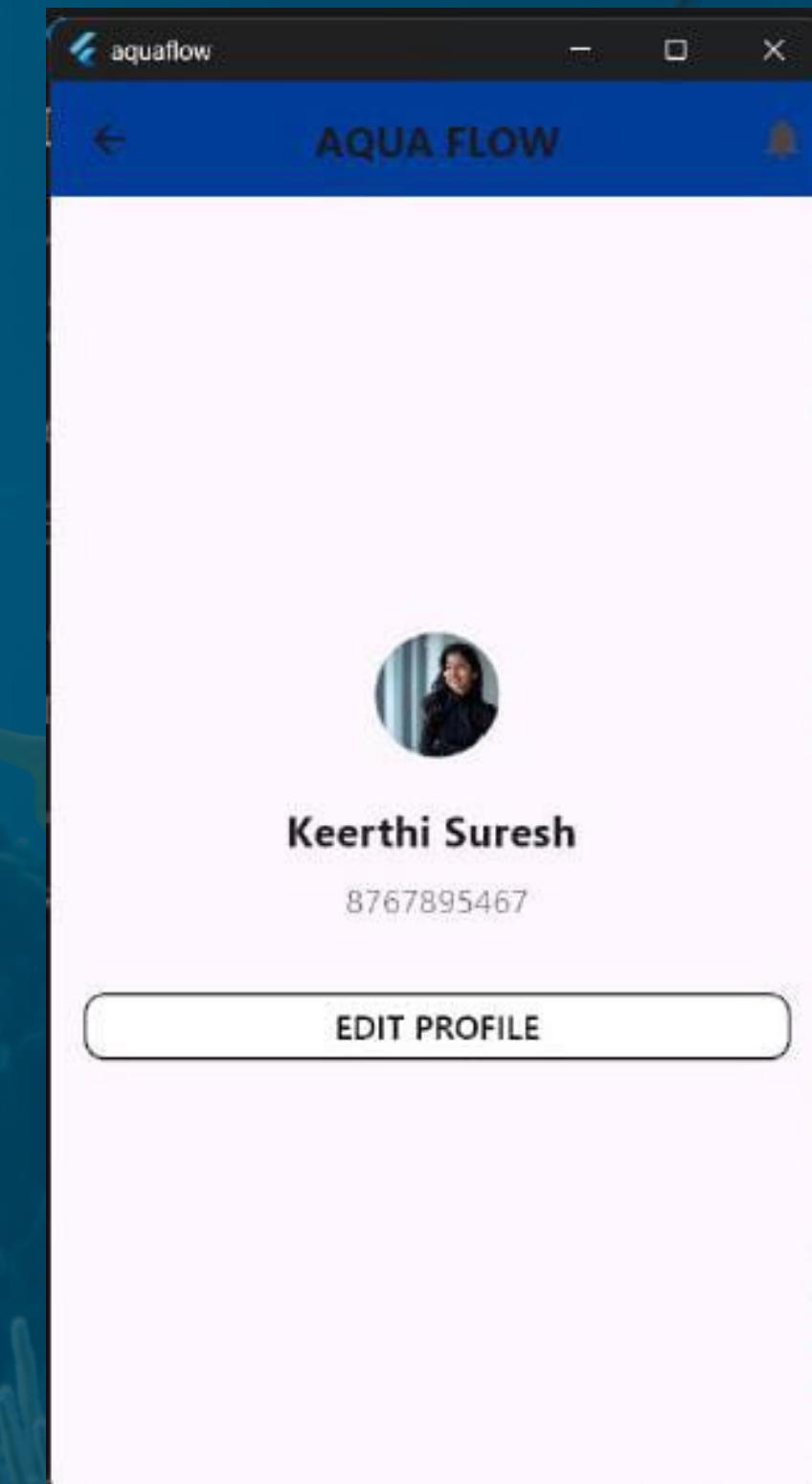
## USER DETAILS



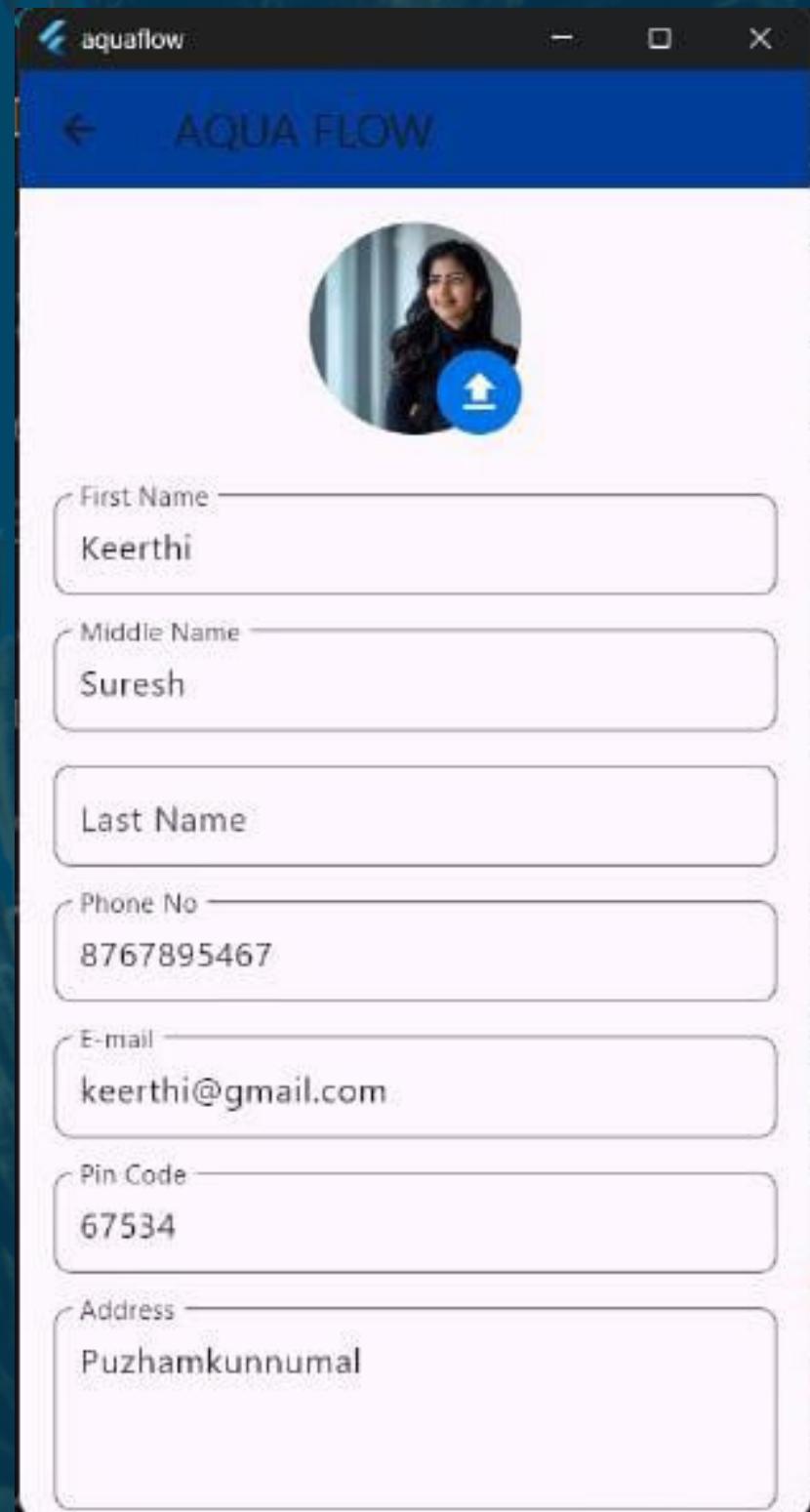
## CHAT



## VIEW PROFILE

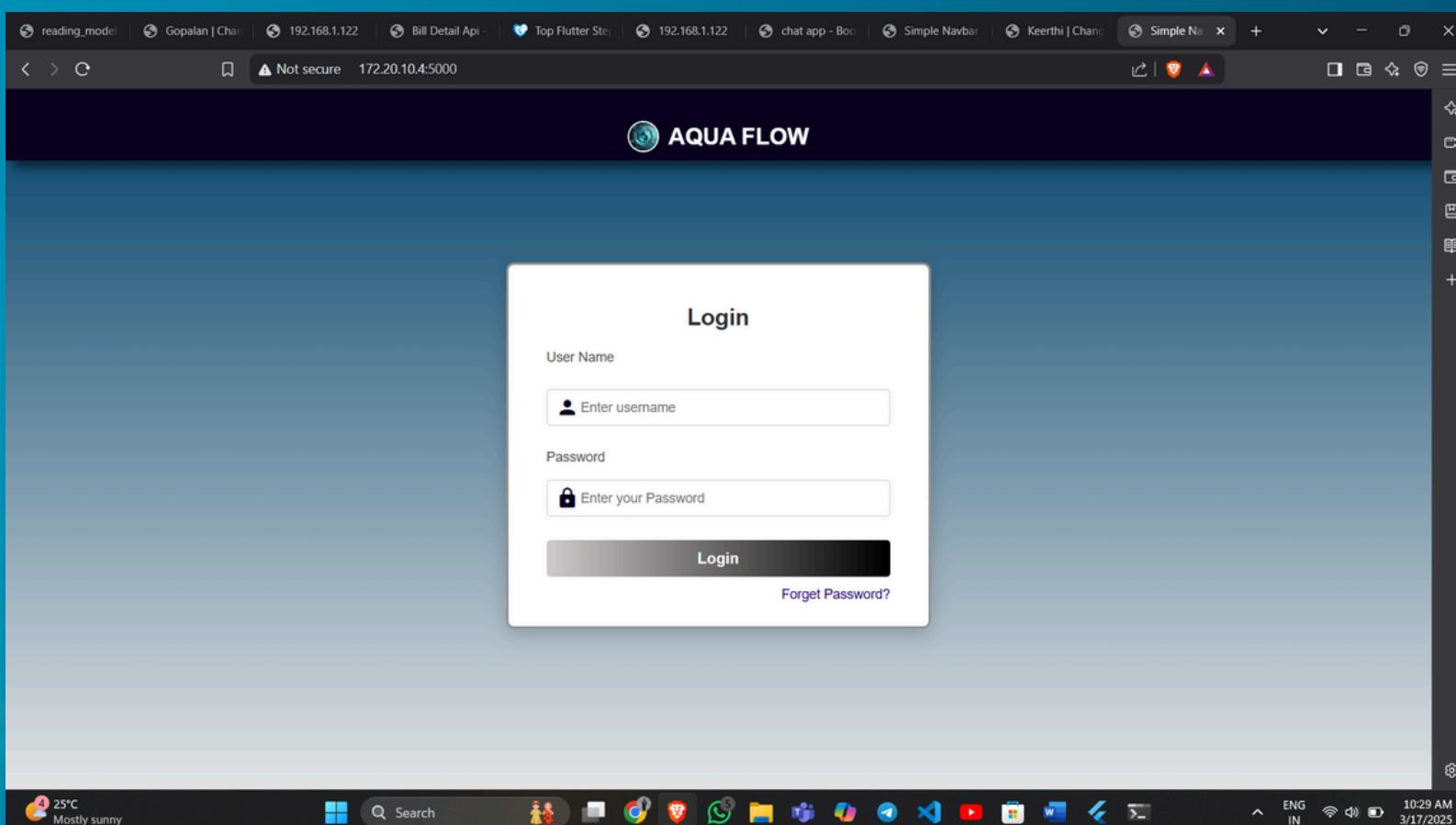


## EDIT PROFILE

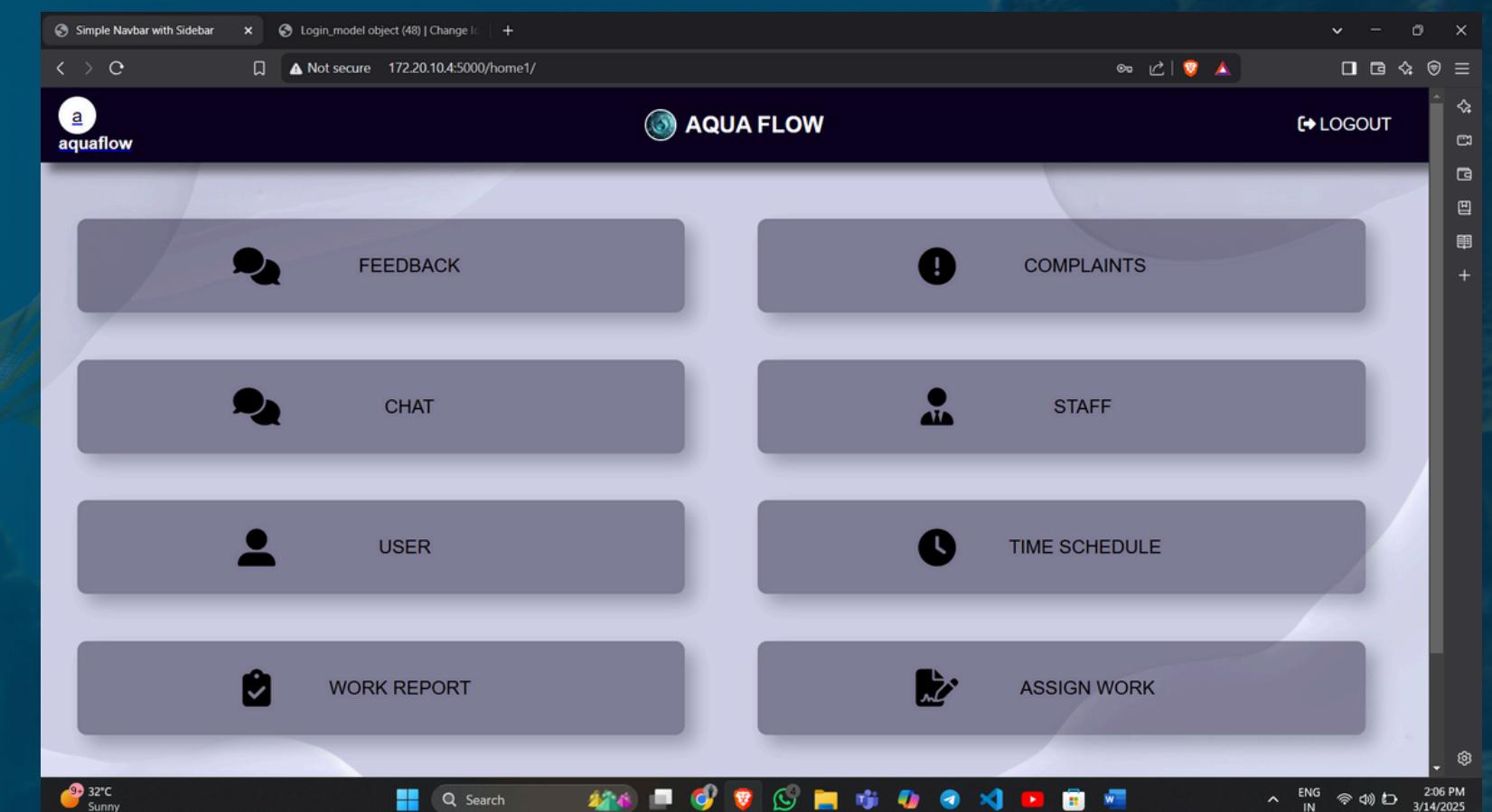


# 3.AUTHORITY

# LOGIN PAGE



# AUTHORITY HOME



# FEEDBACK

The screenshot shows a feedback form for a customer named Sreeja Kumar None. The form fields are as follows:

- FEEDBACK: Good service
- RATING: 5.0
- COMPLAINT: water pipe breaks
- ASSIGNED STAFF NAME: Goutham VP

# COMPLAINT

The screenshot shows a complaint form for a customer named Gopalan sasi. The form fields are as follows:

- PHONE NUMBER: 2322777895
- EMAIL: gopalan@gmail.com
- ADDRESS: Methottuthazham
- CONSUMER NUMBER: 20
- PLACE: West Kaithapoyil
- COMPLAINT: water pipe breaks

## CHAT WITH USER

The screenshot shows a web browser window with a chat interface. The title bar indicates the URL is `172.20.10.4:5000/userchat/`. The main area displays a conversation with a contact named "Rahman". The messages are as follows:

- Rahman: Chat loaded successfully.
- User: hy
- Rahman: hello
- User: hy
- User: hello

At the bottom, there is an input field with the placeholder "Enter text here..." and a blue "+" button. The browser's taskbar at the bottom shows various open tabs and system icons.

## VIEW STAFF

The screenshot shows a web browser window with a staff management interface. The title bar indicates the URL is `172.20.10.4:5000/staff/`. The main title is "STAFF MANAGEMENT". Below it is a section titled "STAFF LIST" with a search bar. The table lists three staff members:

S.NO	ID	NAME	ADDRESS	MAIL	PHONE NO	PROFILE	REMOVE
1	Kishore Kumar	None	valiyaveettii	kishore@gmail.com	9876545678		<button>Remove</button>
2	Keerthi Suresh	None	Puzhamkunnumal	keerthi@gmail.com	8767895467		<button>Remove</button>
3	Ayush Prathabh	None	Methottuthazham	ayush@gmail.com	9876789654		<button>Remove</button>

## ADD STAFF

STAFF MANAGEMENT

STAFF LIST

S.NO	ID	NAME
1		Kishore
2		Keerthi
3	Ayush Prathabh None	Methottuthazham

ADD STAFF

Staff name  
Enter username

Password  
Enter your Password

Re-Password  
Enter your Password

Add

PROFILE REMOVE

This screenshot shows the 'STAFF MANAGEMENT' section of the application. On the left, there's a 'STAFF LIST' table with three entries: Kishore, Keerthi, and Ayush Prathabh. A modal window titled 'ADD STAFF' is open in the center, containing fields for 'Staff name' (username), 'Password', 'Re-Password', and a green 'Add' button. To the right of the modal, there are two profile cards with 'PROFILE' and 'REMOVE' buttons.

USER MANAGEMENT

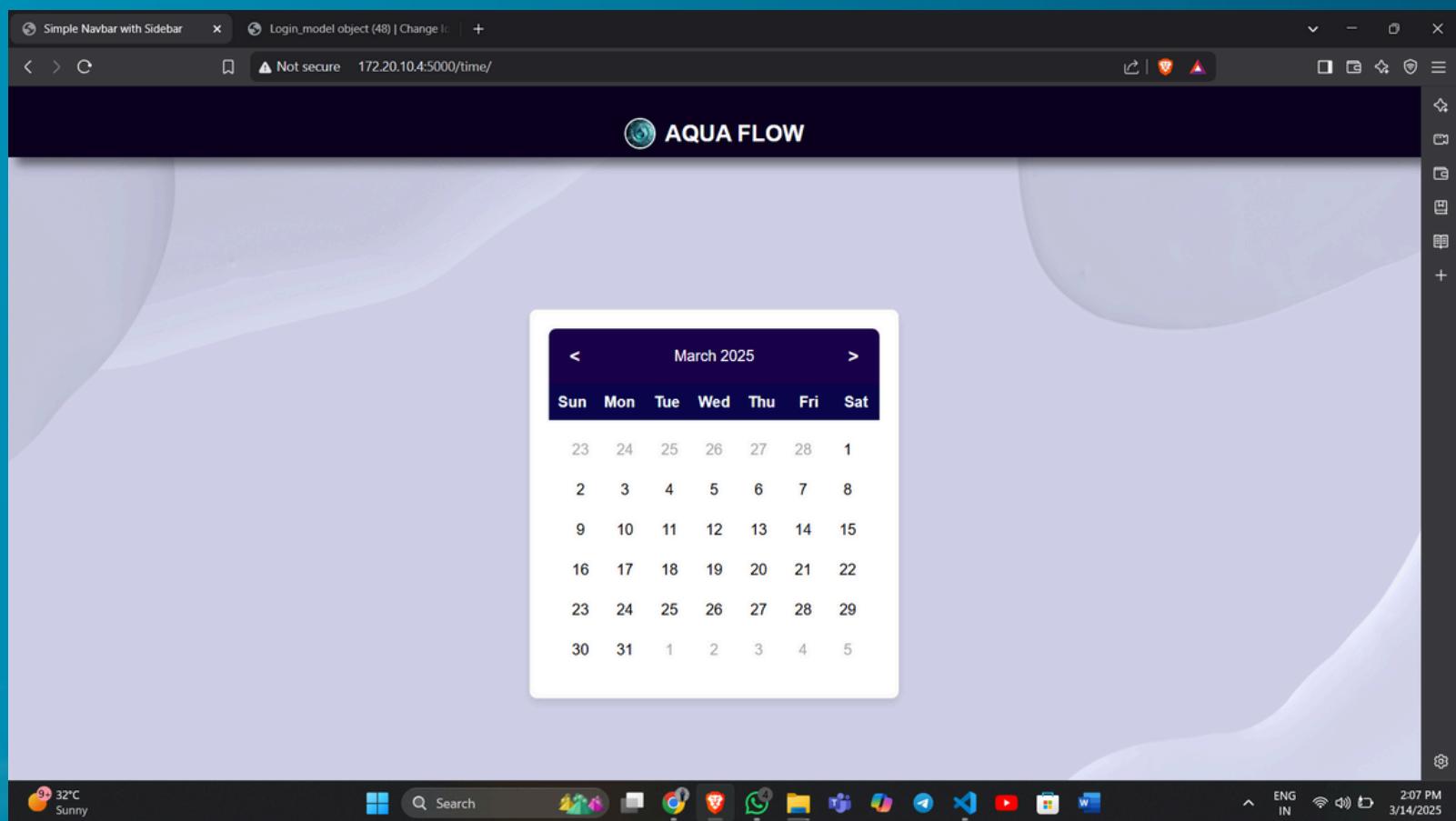
USERS

Search for names or addresses..

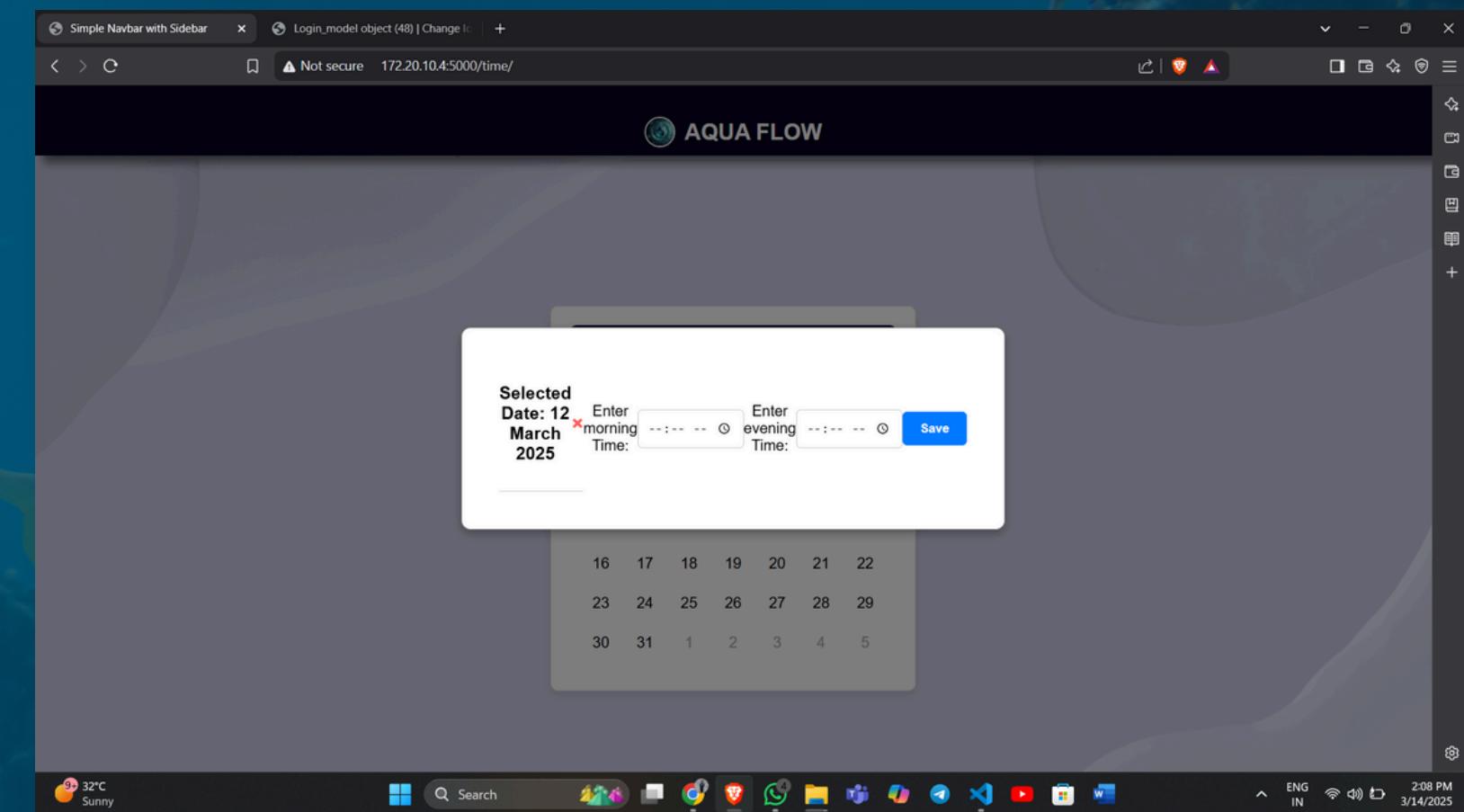
S.NO	ID	NAME	ADDRESS	CONSUMER NO	MAIL	PHONE NO	PROFILE	REMOVE
1		Gayathri Ashok k	kunnumal	1	gayathri@gmail.com	9876543213		<button>Remove</button>
2		Divakaran Babu None	valiyaveettil	2	divakaran@gmail.com	9067854323		<button>Remove</button>
3		Sreeja Kumar None	Methottuthazham	3	sreeja@gmail.com	9765432123		<button>Remove</button>

This screenshot shows the 'USER MANAGEMENT' section. It displays a table titled 'USERS' with columns for S.NO, ID, NAME, ADDRESS, CONSUMER NO, MAIL, PHONE NO, PROFILE, and REMOVE. There are three user entries: Gayathri Ashok k, Divakaran Babu None, and Sreeja Kumar None. Each entry includes a profile picture and a 'Remove' button.

## TIME SCHEDULE



## EDIT TIME



## ASSIGNED WORK LIST

AQUA FLOW

ASSIGN WORK

- Kishore Kumar None
- Keerthi Suresh None
- Ayush Prathabh None
- Kamal Khan None
- Alex Perera
- Alex Perera

## ASSIGNED WORK

AQUA FLOW

NAME : Amal Jyothi None

PHONE NUMBER : 9756876543  
EMAIL : amal@gmail.com  
ADDRESS : Melettu  
CONSUMER NUMBER : 6  
WORK : The pipe has been broken  
PLACE : Kannapankund

ASSIGN WORK

- Kishore Kumar None
- Keerthi Suresh None
- Ayush Prathabh None
- Kamal Khan None
- Alex Perera
- Alex Perera

## UPDATE REPORT

A screenshot of a web browser window titled "AQUA FLOW". The main content area displays a card for "Alex Perera" with the following details:

- Consumer no: None
- Description: 5678

The sidebar on the left shows other users: "Alex Perera" and "Keerthi Suresh None". The browser's address bar shows the URL "172.20.10.4:5000/workreport/". The system tray at the bottom indicates it's 10:50 AM on 3/17/2025, the temperature is 25°C, and the weather is mostly sunny.

## REQUESTS

A screenshot of the "AQUA FLOW" application showing a list of pending requests on the left side of the screen. The requests are listed with user names and profile pictures:

- Gayathri Ashok k
- Divakaran Babu None
- Sreeja Kumar None
- Rahman Ali None

The right side of the screen is currently empty. The top navigation bar has the "AQUA FLOW" logo.

## VIEW REQUEST

**AQUA FLOW**

**APPLICATION**

	Gayathri Ashok k
	Divakaran Babu None
	Sreeja Kumar None
	Rahman Ali None

Gayathri Ashok k  
Application\_no : 1  
Panchayath\_name : Puthupadi  
Father\_name : Ashok  
Mother\_name :  
Address : Kunnummal  
Phone\_no : 9734543567  
Family\_members : 7  
Adhar\_no : 981234543456  
Rationcard : APL  
Neighbourconsumer\_no : 2  
Cast : Nayar  
Aadhaar  
  
RationCard  
  
OwnershipCertificate

**AQUA FLOW**

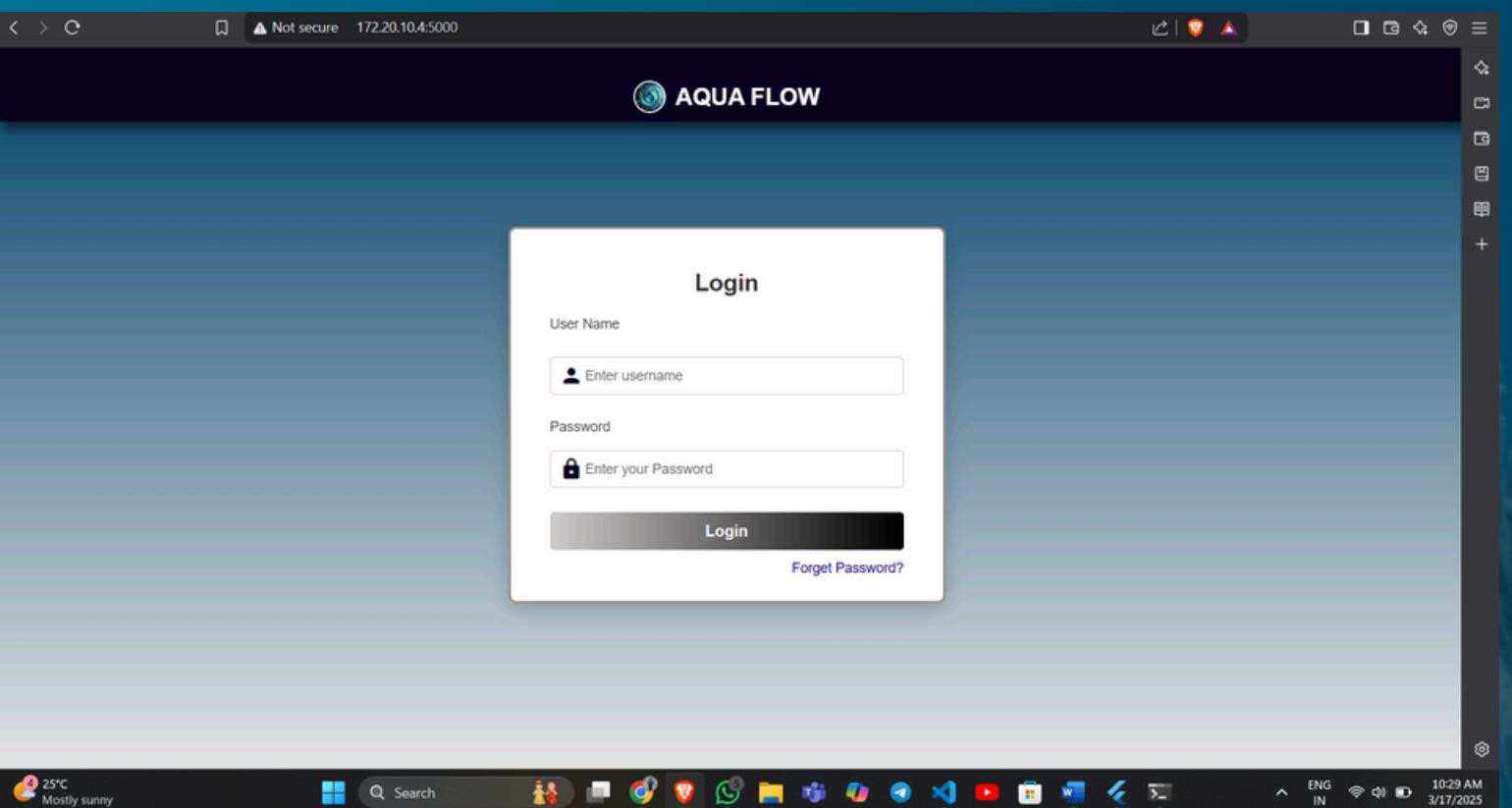
	Sreeja Kumar None
	Rahman Ali None

Father\_name : Ashok  
Mother\_name :  
Address : Kunnummal  
Phone\_no : 9734543567  
Family\_members : 7  
Adhar\_no : 981234543456  
Rationcard : APL  
Neighbourconsumer\_no : 2  
Cast : Nayar  
Aadhaar  
  
RationCard  
  
OwnershipCertificate

Accept    Reject    Pending

# 4.ADMIN

## LOGIN PAGE



## HOME PAGE

The screenshot shows the AQUA FLOW application's home page. At the top left is the word "ADMIN". In the center is the "AQUA FLOW" logo. At the top right is a "LOGOUT" button. Below the header are six menu items arranged in a 2x3 grid:

- AUTHORITY (with a person icon)
- USER (with a person icon)
- STAFF (with a people icon)
- AREA (with a location pin icon)
- FEEDBACK (with a speech bubble icon)
- COMPLAINTS (with an exclamation mark icon)

The bottom of the screen shows a Windows taskbar with various icons and system status.

## AUTHORITY

The screenshot shows the "AUTHORITY" sub-page. The title "AUTHORITY" is at the top left, and a "View more details" button is at the top right. The table has columns: SL.NO, USERNAME, and REMOVE. The data is as follows:

SL.NO	USERNAME	REMOVE
1	Pranav	Remove
2	Sooraj	Remove
3	Amritha	Remove
4	Anusha	Remove

The bottom of the screen shows a Windows taskbar with various icons and system status.

## VIEW AUTHORITY DETAILS

The screenshot shows a web browser window titled "Simple Navbar with Sidebar" with the URL "Not secure 172.20.10.4:5000/authority/". The main title is "AUTHORITY MANAGEMENT". Below it is a sub-section titled "AUTHORITY LIST". A search bar says "Search for names or areas..". A table lists three authority entries:

S.NO	ID	NAME	ADDRESS	AREA	MAIL	PHONE NO	PROFILE	REMOVE	
1	101	Pranav Lal	None	Methottuthazham	Puthupadi	pranav@gmail.com	9768543245		<button>Remove</button>
2	101	Sooraj Raj	None	Puzhamkunnumal	Kannapankund	sooraj@gmail.com	8976545678		<button>Remove</button>
3	101	Amritha Gopan	None	vallyaveettil	Adivaram	amritha@gmail.com	9876789765		<button>Remove</button>

At the top right of the list area is a green button labeled "Add Authority". The browser's address bar shows "Not secure 172.20.10.4:5000/authority/". The taskbar at the bottom includes icons for PGA Round 2 Live, Search, File Explorer, and various system status indicators.

## ADD AUTHORITY

The screenshot shows a web browser window titled "Simple Navbar with Sidebar" with the URL "Not secure 172.20.10.4:5000/authority/". The main title is "AUTHORITY MANAGEMENT". Below it is a sub-section titled "AUTHORITY LIST". A modal dialog box is open, titled "ADD AUTHORITY". It contains fields for "Authority name" (with placeholder "Enter username") and "Password" (with placeholder "Enter your Password"). Below these is a "Re-Password" field with placeholder "Enter your Password". At the bottom right of the dialog is a green "Add" button. The background shows the same authority list as the previous screenshot. The browser's address bar shows "Not secure 172.20.10.4:5000/authority/". The taskbar at the bottom includes icons for PGA Round 2 Live, Search, File Explorer, and various system status indicators.

## STAFF LIST

STAFF MANAGEMENT

STAFF LIST

View more details

Search for names or addresses..

S.NO	USERNAME	REMOVE
1	Kishore	Remove
2	Keerthi	Remove
3	Ayush	Remove

11:29 AM 3/14/2025

## STAFF DETAILS

STAFF MANAGEMENT

STAFF LIST

Add Staff

Search for names or addresses..

S.NO	ID	NAME	ADDRESS	MAIL	PHONE NO	PROFILE	REMOVE
1	Kishore Kumar None	valiyaveettil	kishore@gmail.com	9876545678		Remove	
2	Keerthi Suresh None	Puzhamkunnumal	keerthi@gmail.com	8767895467		Remove	
3	Ayush Prathab None	Melhottuthazham	ayush@gmail.com	9876789654		Remove	

32°C Sunny 2:07 PM 3/14/2025

# ADD STAFF

Simple Navbar with Sidebar

Not secure 172.20.10.4:5000/staff/

## STAFF MANAGEMENT

### STAFF LIST

S.NO	ID	NAME
1	Kishore	Kishore None
2	Keerthi	Keerthi None
3	Ayush Prathab	Ayush Prathab None

**ADD STAFF**

Staff name:

Password:

Re-Password:

**Add**

PROFILE REMOVE

Add Staff

SAC - GSW Game score

Search

ENG IN 11:29 AM 3/14/2025

Not secure 172.20.10.4:5000/areas/3/

## AREA MANAGEMENT

### Puthupadi - Details

#### Staff Members

Kishore None - kishore@gmail.com  
Keerthi None - keerthi@gmail.com

#### Users

Gayathri k - gayathri@gmail.com  
Divakaran None - divakaran@gmail.com  
Sreeja None - sreeja@gmail.com  
Rahman None - rahman@gmail.com

#### Authorities

Pranav None - pranav@gmail.com

172.20.10.4:5000/areas/3/

SAC - GSW Game score

Search

ENG IN 11:29 AM 3/14/2025

# AREA

# COMPLAINT

A screenshot of a web browser showing the 'AQUA FLOW' application. The title bar says '127.0.0.1:8000/complaint/'. The main content area displays a form for a user named 'Amal Jyothi None'. The form fields are:

- PHONE NUMBER: 9756876543
- EMAIL: amal@gmail.com
- ADDRESS: Melettu
- CONSUMER NUMBER: 6
- PLACE: Kannapankund
- COMPLAINT: Water Leackage

The sidebar on the left lists other users: Amal Jyothi None, Neelima Arjun None, Joy Mathew None, Rose Martin None, and Varkky None None.

# FEEDBACK

A screenshot of a web browser showing the 'AQUA FLOW' application. The title bar says '127.0.0.1:8000/feedback/'. The main content area displays a form for the same user 'Amal Jyothi None'. The fields show the status of the complaint handling:

- FEEDBACK: work successfully completed
- RATING: 4.0
- COMPLAINT: Water Leackage
- ASSIGNED STAFF NAME: Kishore Kumar

The sidebar on the left lists the same set of users: Amal Jyothi None, Neelima Arjun None, Joy Mathew None, Rose Martin None, and Varkky None None.

# CONCLUSION

The Panchayath Water Supply Management System (PWSMS) streamlines water distribution and service management by digitizing processes like supply scheduling, connection requests, and complaint tracking. This centralized, user-friendly platform improves efficiency, transparency, and responsiveness, offering real-time access to residents and seamless management for administrative staff. With the involvement of technical teams and regulatory bodies, PWSMS ensures timely issue resolution and regulatory compliance, fostering better governance and a more reliable, sustainable water supply system.



# THANK YOU

SIBIN K S (LIAWSCS021)