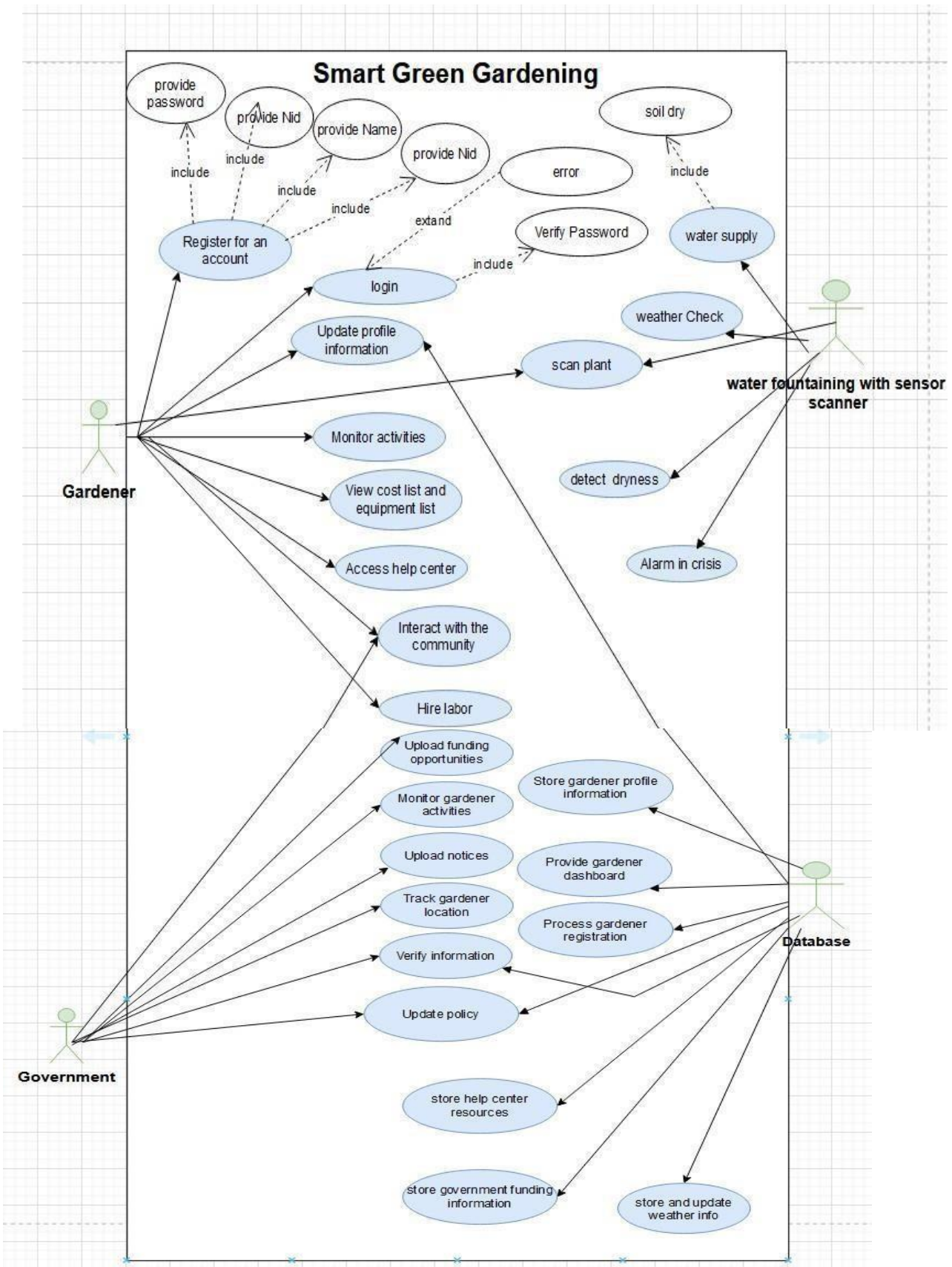
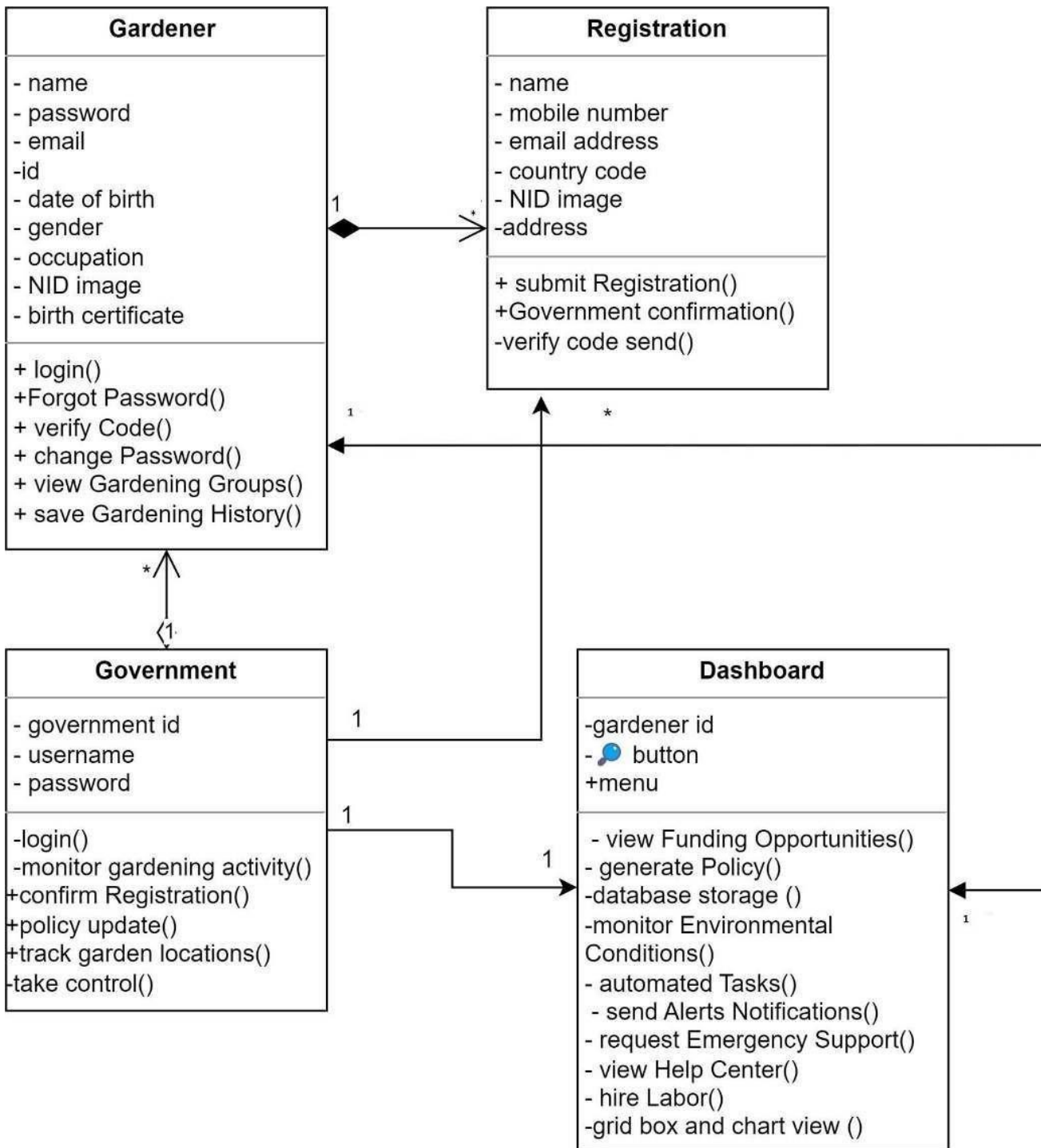


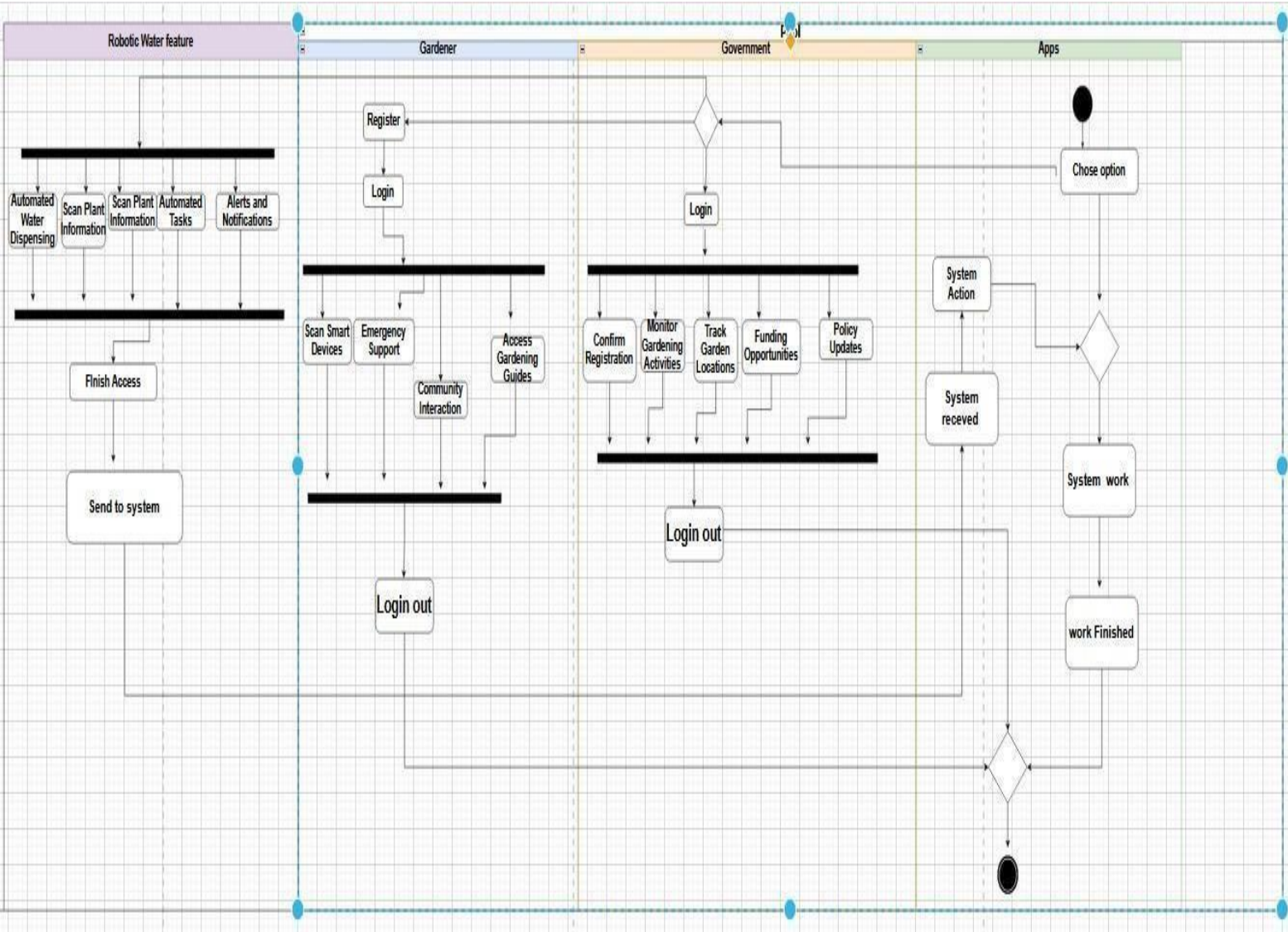
Use case Diagram



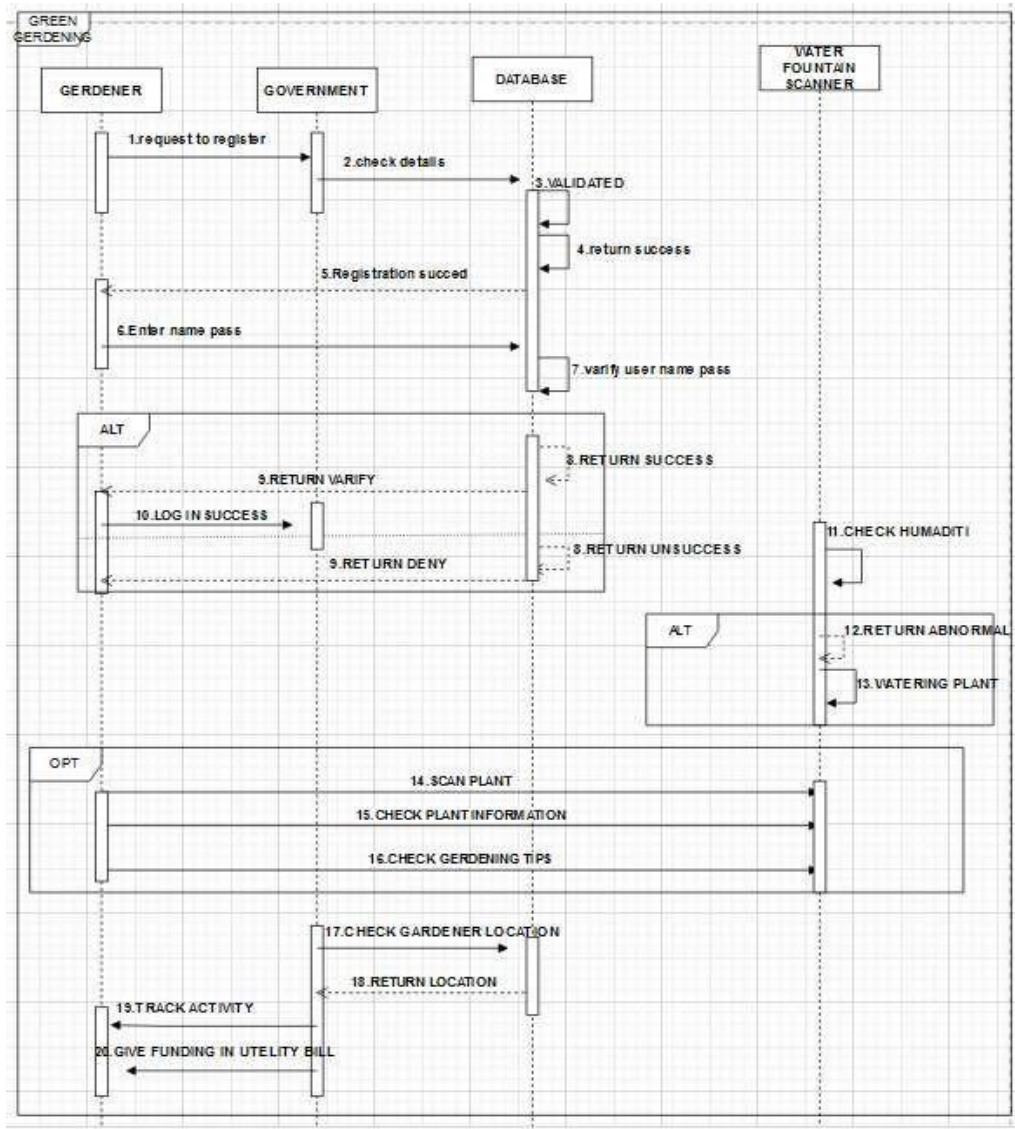
Class Diagram



Activity Diagram

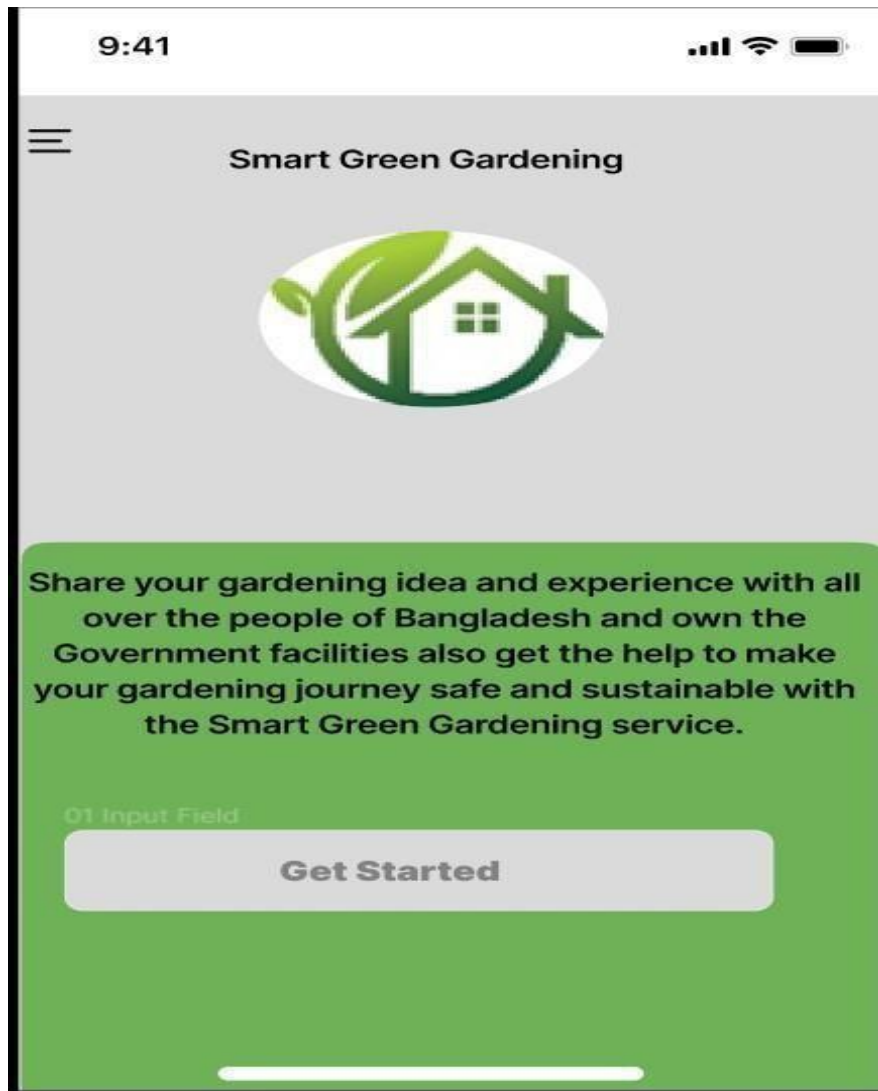


Sequence Diagram

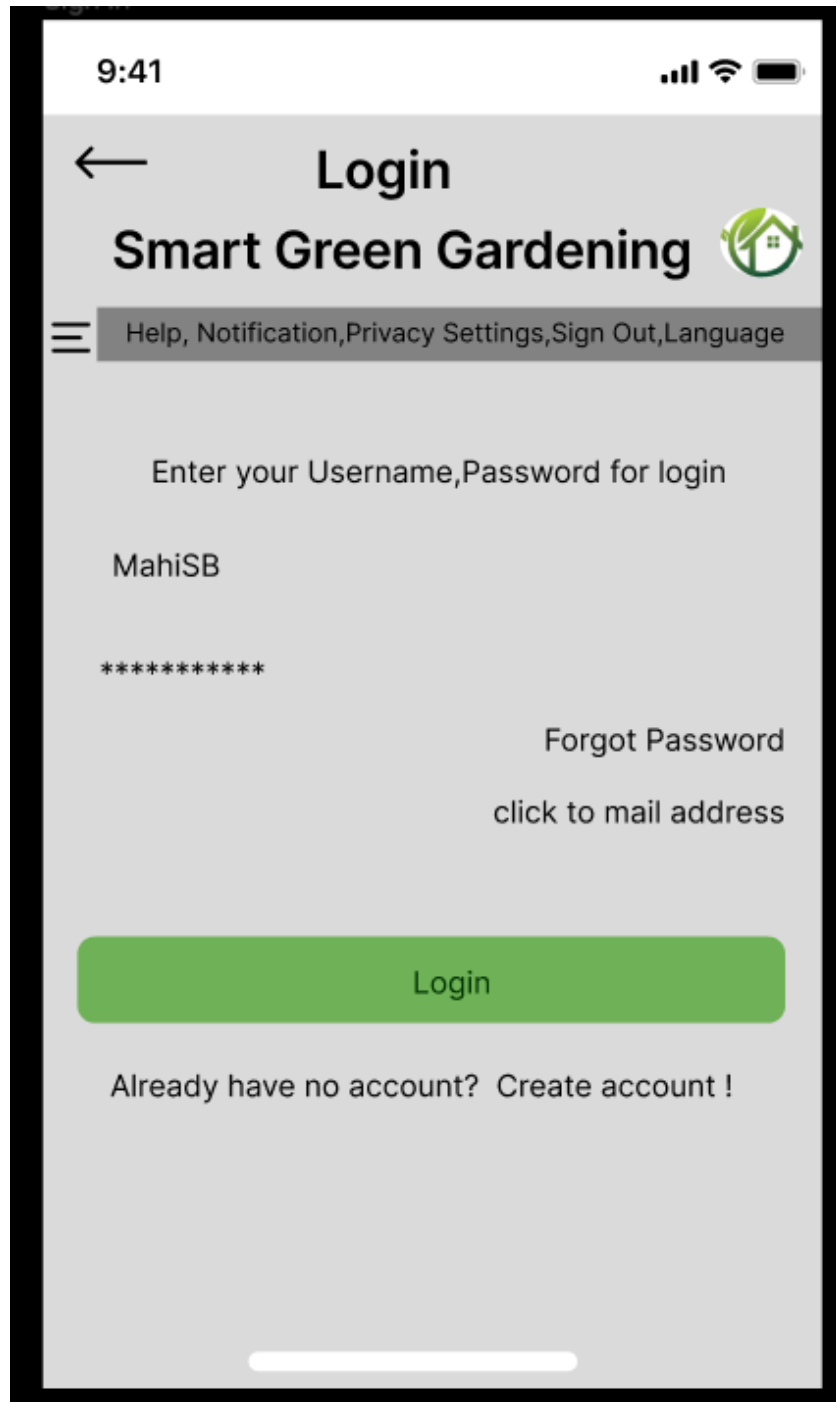


Prototype Design

First the users will see this page to start smart gardening.



The users will see this Login page after click get started.



A mobile app login screen for 'Smart Green Gardening'. The screen has a light gray background. At the top, there's a status bar with the time '9:41', signal strength, Wi-Fi, and battery icons. Below the status bar is a header area with a back arrow on the left, the title 'Login' in the center, and the app name 'Smart Green Gardening' with a green house icon on the right. Under the app name is a menu bar with a hamburger icon and the text 'Help, Notification, Privacy Settings, Sign Out, Language'. The main content area has the text 'Enter your Username, Password for login'. Below this, the username 'MahiSB' is entered. The password field is masked with '*****'. To the right of the password field is a link 'Forgot Password' with the text 'click to mail address' below it. At the bottom of the form is a green 'Login' button. Below the button is the text 'Already have no account? Create account !'.

9:41

← Login

Smart Green Gardening

≡ Help, Notification, Privacy Settings, Sign Out, Language

Enter your Username, Password for login

MahiSB

Forgot Password
click to mail address

Login

Already have no account? Create account !

9:41



Home



Create an account



User Name

e-mail

Mobile

Country code

Password

Occupation

NID Photo

☐

Agree to our terms and Privacy Policy

Submit

After submission please wait for confirmation code



Please Enter the 6 Digit Code

[Resend Code](#)

Back

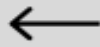
Next



*Congratulations, your account
has been successfully created.*

Continue

9:41



Login

...



Mail Address

MahiSB@gmail.com

Verification code

123*****

New Password

23*****

Conficonfirm Password

23*****

9:41



Monitoring and Tracking



Gardener's id 

Gardener's Information

Task Menu 

75%

Name

task Analysis 

Mobile

NiD Photo

Occupation

Analysis Production 

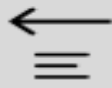


Traack Location 



GPS

9:41



Founding Analysis



Task Analysis ▾

complete task 75%

Found ▾

Utilities Bill=1400BDT

Water Bill=1600BDT

Deadline

14/4/24

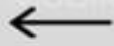
Confirm

Home In

9:41



Mobile app header



Policy and Privacy



Policy Information v

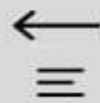


Update Policy



Update

9:41



Scanning Information List



Information Analysis

Image

Settings

Delete

Image Analysis

label

confirm

9:41



Monitor Environmental Conditions



Real-time Data Dashboard

Soil Moisture (%)

Temperature (°C)

Humidity (%)

Light Levels (Lux)

Environmental Status

Sunny ☀️

Cloudy ☁️

Rainy 🌧️

Weather Forecast

3-day weather forecast

9:41



ic...



Smart Green Gardening



Automatic water fountain



Set the water flow speed

Low

Mid

High

water flow time

5 min

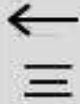
Fountain Rotation



set



9:41



Automated Tasks



Watering

Soil moisture levels

Plant type requirements

watering requirements

Fertilizing

Liquid

Granular

Set target nutrient levels

Schedule automatic fertilizer

Lighting

Turn lights on/off.

Adjust light intensity

Set timers and dimming

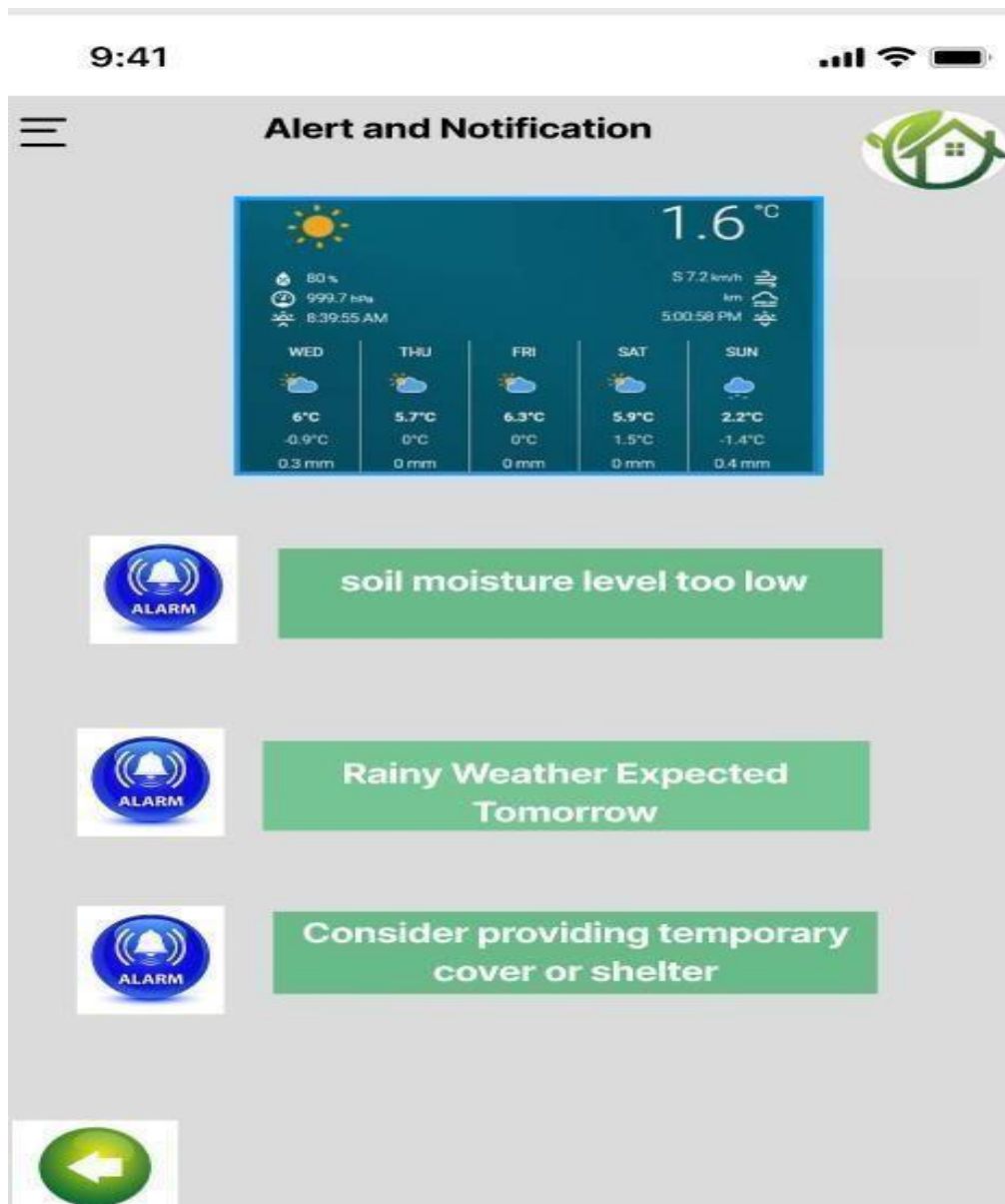
Customizable schedules

Daily

Weekly

Monthly

The notification regarding the critical plant health issue and environment status should be sent as soon as the monitoring system detects the deviation from optimal conditions necessary for plant growth. It's crucial to send this notification promptly to alert the user and prompt them to take immediate action to address the issue and prevent further damage to their plants.



9:41



Emergency Support



Describe the problem

write

Image Upload

Image

Urgency Level

High

Low

Medium

Location

Use My Location

Manual Entry section

Address

City

Postal Code

9:41



community



Create Group

Audio and Video call

Sent Request

Accept Request

Cencel Request

Mention

Sent SMS

Reply SMS

Block

Allow Notification 🔔

Exit

9:41



Help Center



Ask question?

Problem about app

Is the app helpful?

Yes

No

Exit

9:41



Gardening Community



Creative Gardening



28

3 comments



Like



Comment



Send



Share



So Moul

2h · 🌐



These are my GOALS... 🌱🌟❤️



15

3 comments · 2 shares



Like



Comment



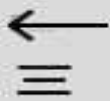
Send



Share

Join group

9:41



Hire Labor



Emergency labor



Assistance

Grass cutting

Weeding

Pruning

Emergency Support Request

Information

Instructions

The Emergency Labor Request

Submit

Cancel

Send Your Request

Labor Assistance

Gardening Experts

Support Staff

Share Current Location