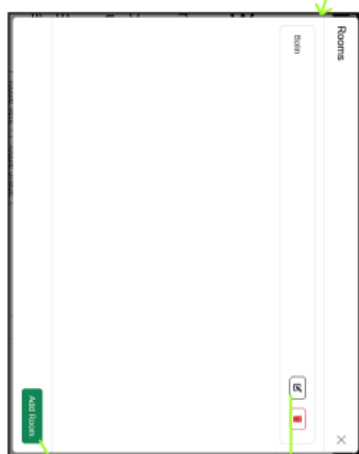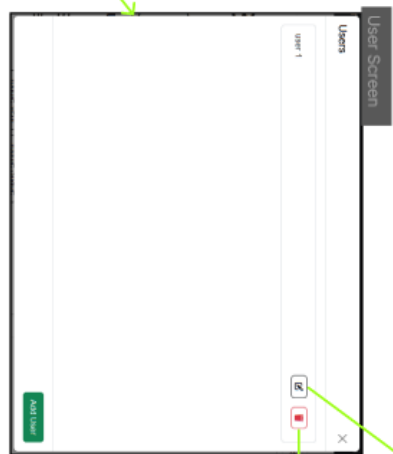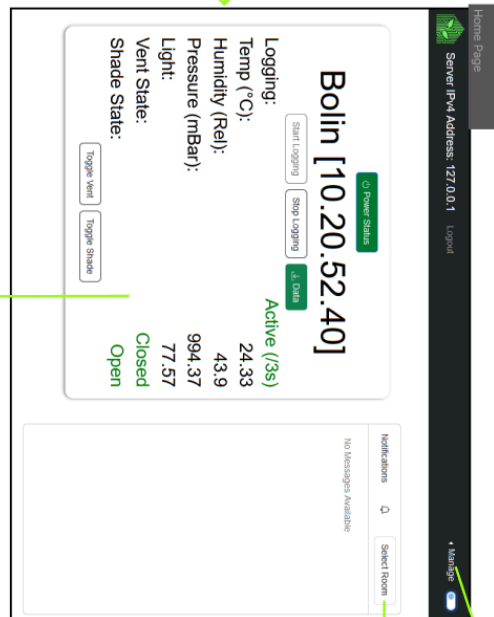# Greenwatch v2
GUI Flow and Design Document

Revision 1

Prepared by

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March 26, 2024

GreenWatch

Sign in

username

password

Submit Query

Home Page

Server IPv4 Address: 127.0.0.1   Logout

◆ Manage

⏻ Power Status   Start Logging   Stop Logging   ⬇ Data

Bolin [10.20.52.40]   Active (/3s)

Logging:
Temp (°C):   24.33
Humidity (Rel):   43.9
Pressure (mBar):   994.37
Light: 77.57
Vent State: Closed
Shade State: Open

Toggle Vent   Toggle Shade

Notifications   ♢   Select Room
No Messages Available

To the Room page

Room Selection

217 × 50

Select Room   Bolin

No Messages Available

Manage Screen   ◆ Manage
Users
Rooms

Room Screen
Rooms
Bolin

Add Room   ✕

User Screen
Users
user 1

Add User   ✕

Create User

Edit Room Popup

Edit User Popup

Create User Popup

From Create Room Button

From Edit Room Button

From Delete User Button

From Edit User Button

Create Room

Room Name

Input fields cannot be empty

Cancel Create ×

Edit Room

Editing: Bolin

Room Name

Bolin

Cancel Save ×

Create User

First Name

Last Name

Username

Password

Email

Admin Status

select status

Input fields cannot be empty

Password must:
- contains one uppercase letter
- contains one lowercase letter
- contains one number
- contains one special character
- have 8 or more characters

Cancel Create ×

Edit User

Editing: user 1

User

First Name

user

Last Name

1

Username

user

Password

Email

greatbang@gmail.com1

Admin Status

select status

Cancel Save ×

From Roompage

Bolin [10.20.52.40]

Start Date 03 / 25 / 2024
End Date 03 / 25 / 2024

Update Date Range

Export Data

Chart View All

Temperature   Humidity   Pressure   Light

1,000
900
800
700
600
500
400
300
200
100

Experiments   Add Experiment

Test1

	Measurement	Low	High
✎	Temperature	1	50
🗑	Humidity	1	90

Start Date

Start Date 03 / 25 / 2024
End Date 03 / 25 / 2024

Export Data

Chart View

Pressure   Light

1,000
900
800
700
600

March 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	27	28	29	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

Clear

End Date

Start Date 03 / 25 / 2024
End Date 03 / 25 / 2024

Update Date Range

Chart View All

Temperature   Humidity   Pressure

1,000
900
800
700
600

March 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	27	28	29	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

Clear

Chart Selection

Start Date 03 / 25 / 2024
End Date 03 / 25 / 2024

Update Date Range

Export Data

Chart View All

All
Temperature
Humidity
Pressure
Light

Humidity   Pressure   Light

1,000
900
800

Experiment

New Experiment   ✕

Experiment Name

Start Date

mm/dd/yyyy

End Date

mm/dd/yyyy

Temperature High

Temperature Low

Humidity High

Humidity Low

Input fields cannot be empty.   Cancel   Add Experiment