

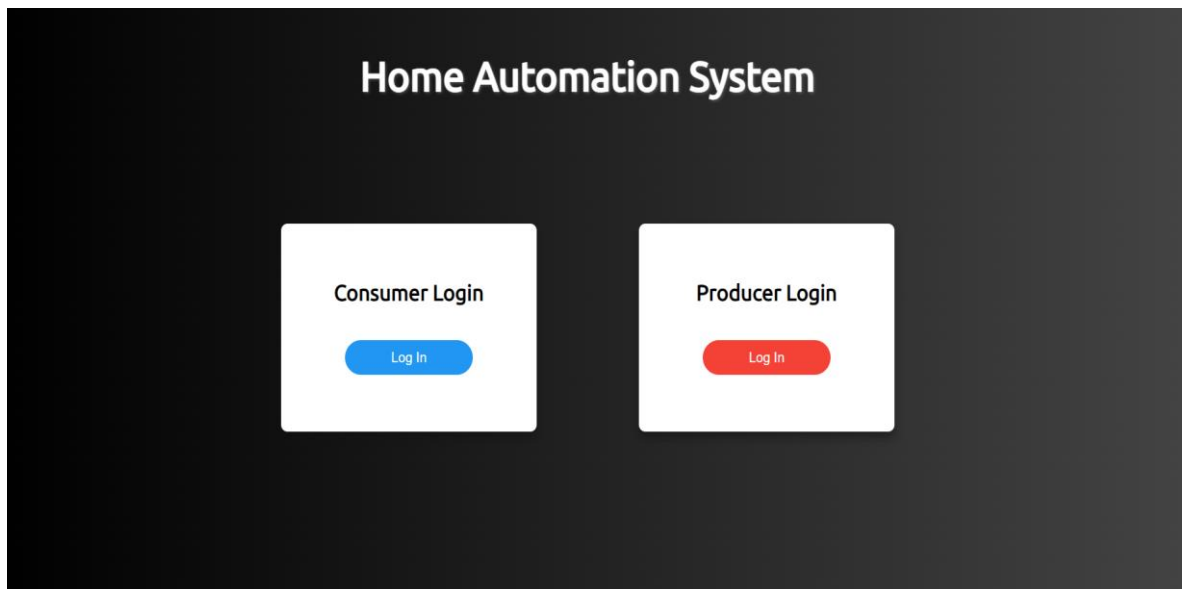
Created by:

Names: Özlem Şençoruh , Leman Zakaryayeva

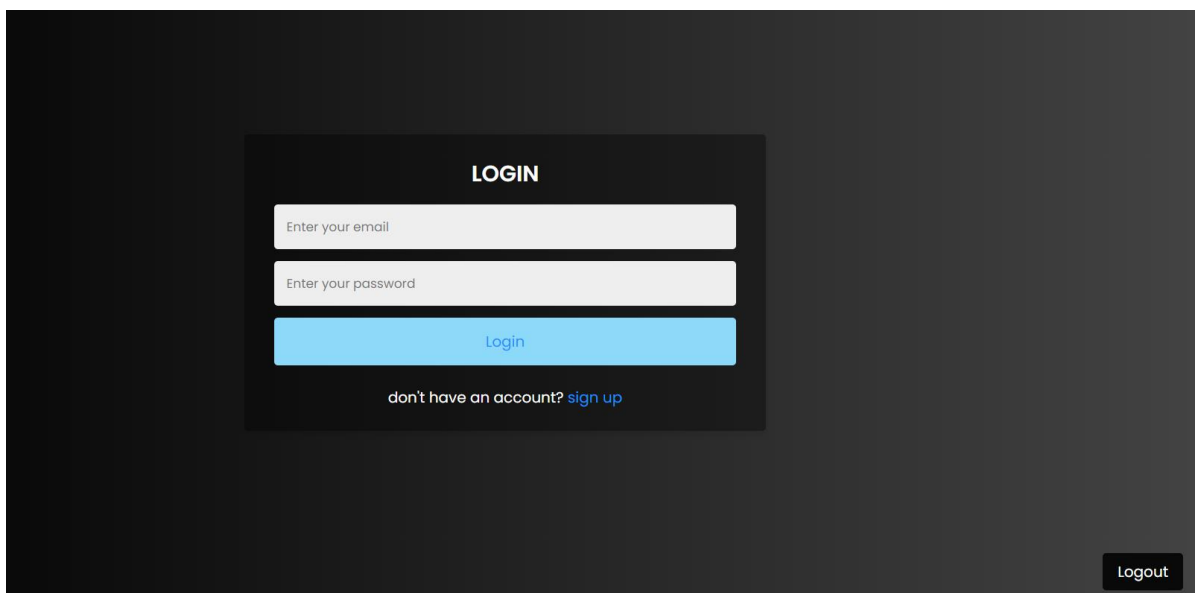
Student Numbers: 20210808055 , 20200808504

About WebApp:

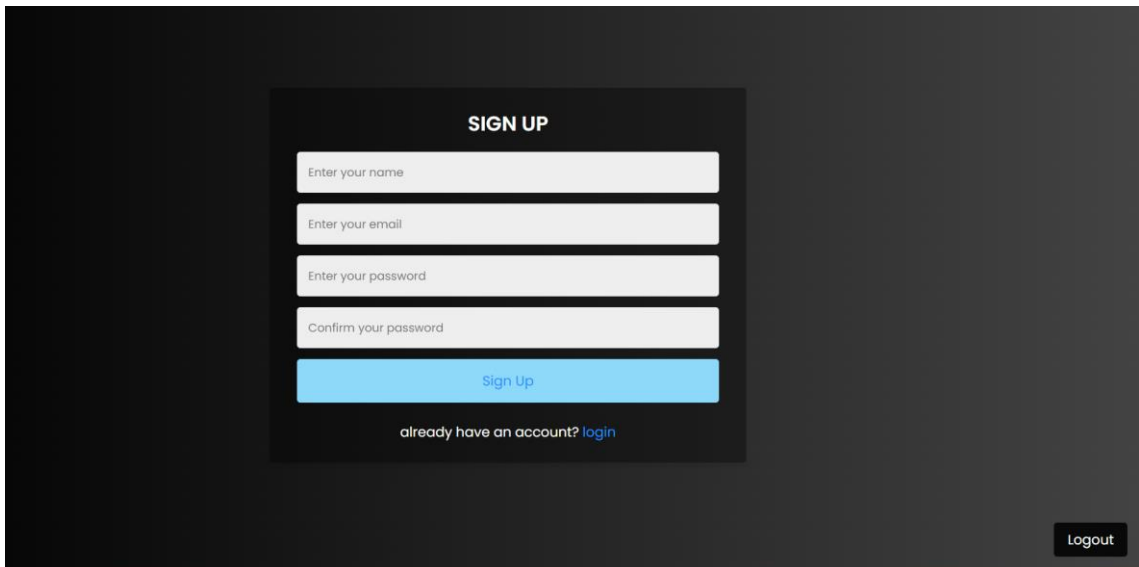
1. We indicate the difference between Consumer and Producer components on the home page, there are two different input fields on the page such as "Consumer Login" and "Producer Login". In this way, users can choose which component they want to enter.



2. Consumer Login



3.Consumer Sign Up



A dark-themed user interface for a consumer sign-up form. The form is centered and contains four white input fields with placeholder text: "Enter your name", "Enter your email", "Enter your password", and "Confirm your password". Below these fields is a blue "Sign Up" button. Under the button, there is a link that says "already have an account? [login](#)". In the bottom right corner of the page, there is a "Logout" button.

SIGN UP

Enter your name

Enter your email

Enter your password

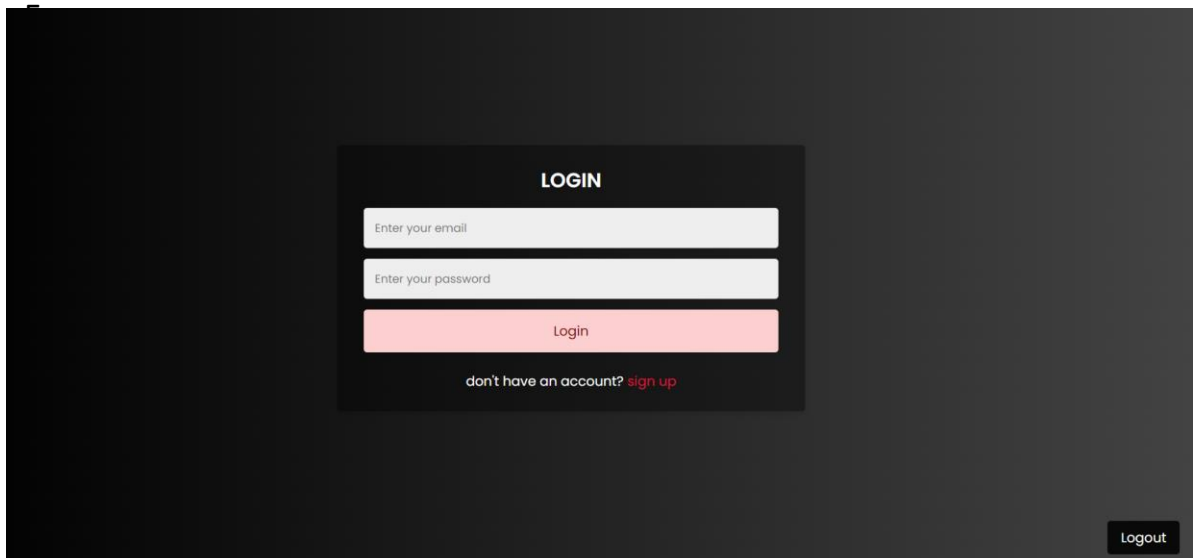
Confirm your password

Sign Up

already have an account? [login](#)

Logout

4. Producer Login



A dark-themed user interface for a producer login form. The form is centered and contains two white input fields with placeholder text: "Enter your email" and "Enter your password". Below these fields is a pink "Login" button. Under the button, there is a link that says "don't have an account? [sign up](#)". In the bottom right corner of the page, there is a "Logout" button.

LOGIN

Enter your email

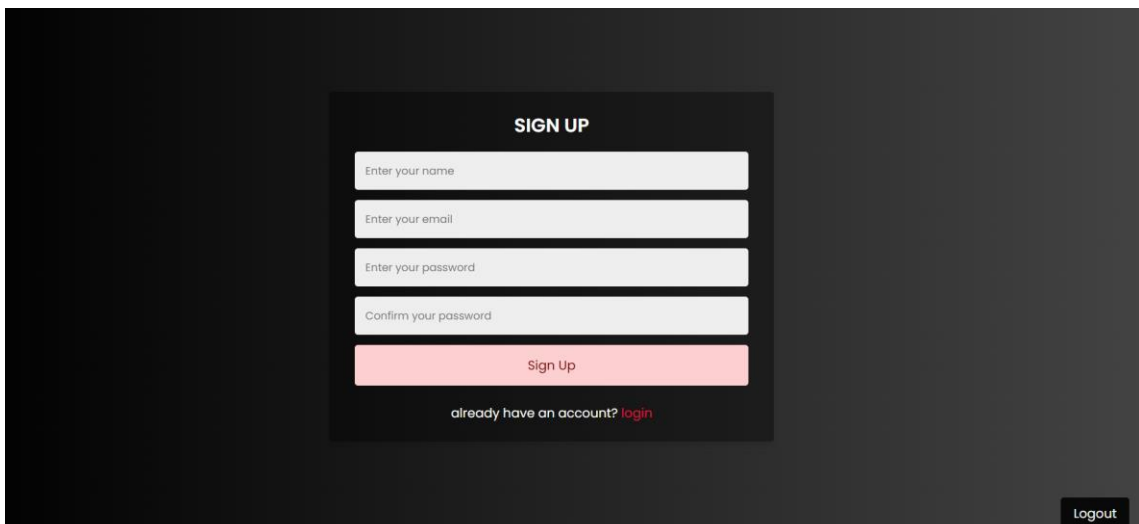
Enter your password

Login

don't have an account? [sign up](#)

Logout

5. Producer Sign Up



A dark-themed user interface for a producer sign-up form. The form is centered and contains four white input fields with placeholder text: "Enter your name", "Enter your email", "Enter your password", and "Confirm your password". Below these fields is a pink "Sign Up" button. Under the button, there is a link that says "already have an account? [login](#)". In the bottom right corner of the page, there is a "Logout" button.

SIGN UP

Enter your name

Enter your email

Enter your password

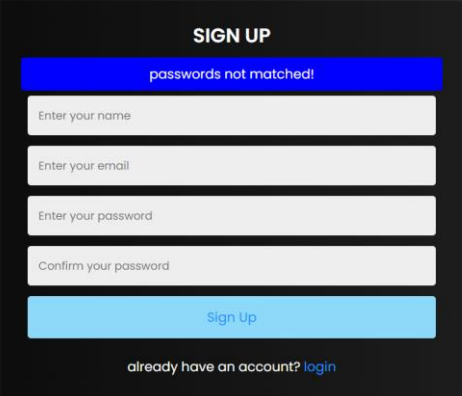
Confirm your password

Sign Up

already have an account? [login](#)


Logout

5.If the passwords do not match at the registration stage, an error message will be given.



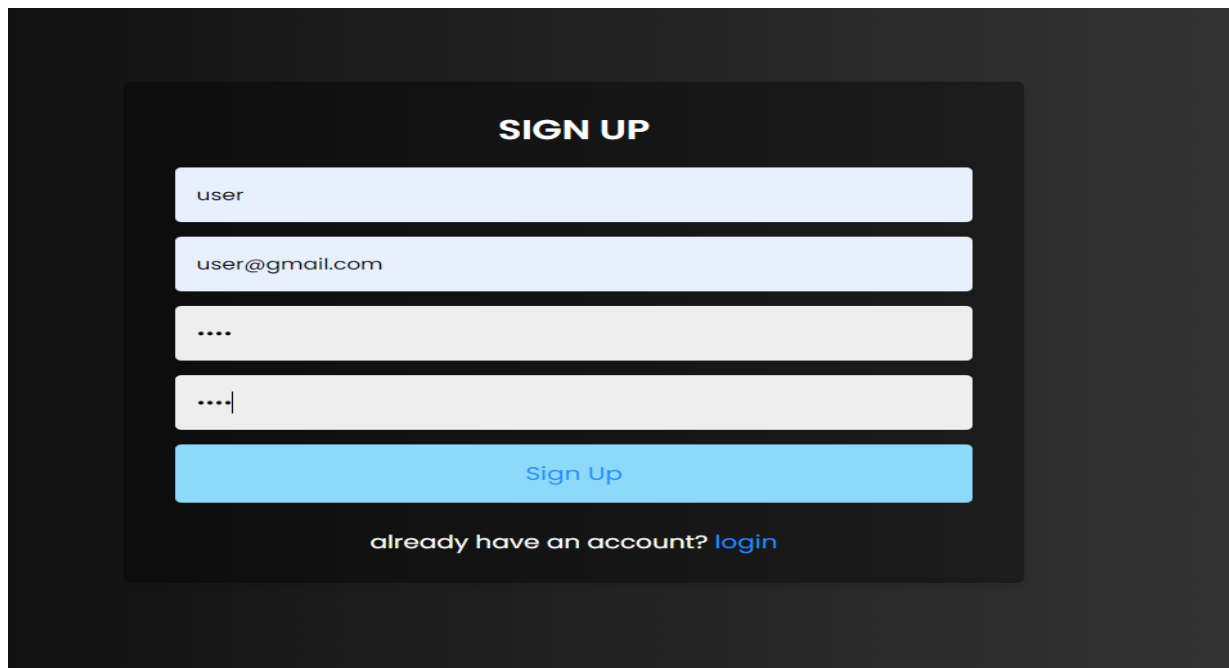
A screenshot of a 'SIGN UP' form on a dark background. The form is centered and contains the following elements: a title 'SIGN UP' in white; a red error message 'passwords not matched!' in white text; four input fields with placeholder text 'Enter your name', 'Enter your email', 'Enter your password', and 'Confirm your password'; a blue 'Sign Up' button; and a link 'already have an account? login' in blue text at the bottom.

6. If the password or email is entered incorrectly during the login phase, an error message will be given.



A screenshot of a 'LOGIN' form on a dark background. The form is centered and contains the following elements: a title 'LOGIN' in white; a red error message 'incorrect email or password!' in white text; two input fields with placeholder text 'Enter your email' and 'Enter your password'; a blue 'Login' button; and a link 'don't have an account? sign up' in blue text at the bottom.

7.Producer and Consumer records are kept separately, so it is not possible to log in to the Producer page with the Consumer e-mail and password. Likewise, it is not possible to login to the Consumer page with the Producer's e-mail and password.



A dark-themed 'SIGN UP' form. The title 'SIGN UP' is in white. It contains four input fields: a light blue field with 'user', a light blue field with 'user@gmail.com', a light grey field with four dots, and a light grey field with four dots and a cursor. Below these is a light blue 'Sign Up' button. At the bottom, it says 'already have an account? login' with 'login' in blue.

SIGN UP

user

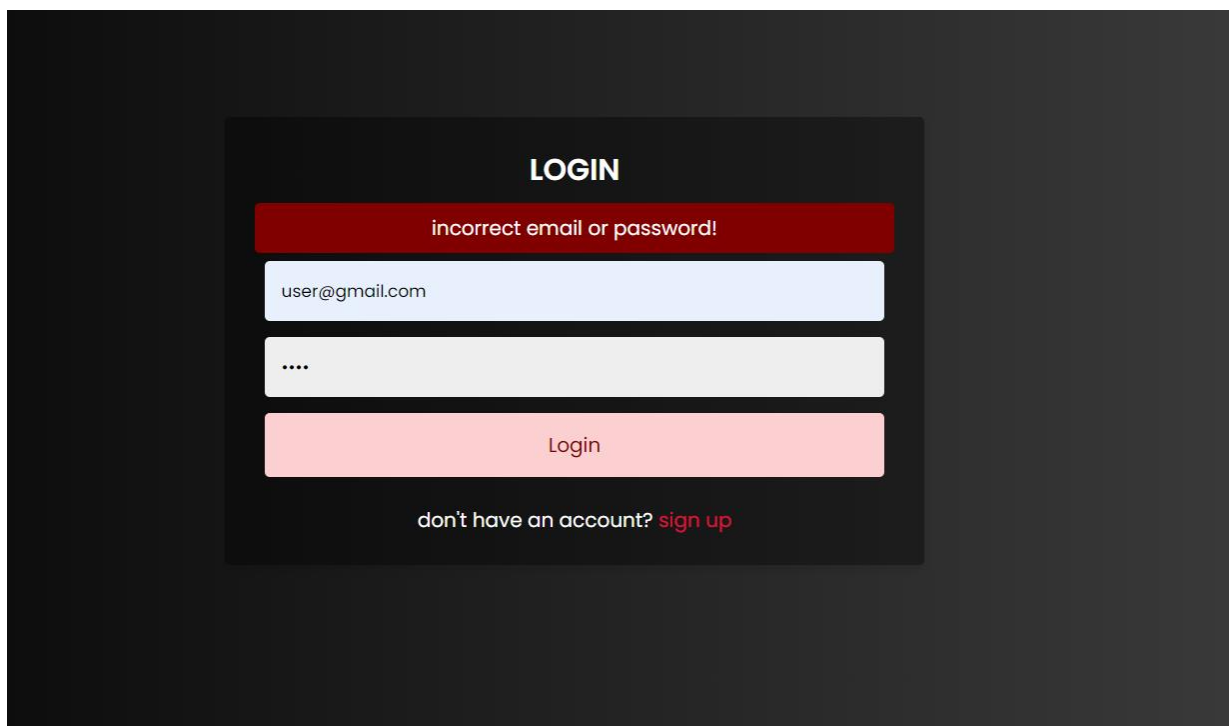
user@gmail.com

....

....|

Sign Up

already have an account? [login](#)



A dark-themed 'LOGIN' form. The title 'LOGIN' is in white. A red error bar at the top says 'incorrect email or password!'. Below it are two input fields: a light blue field with 'user@gmail.com' and a light grey field with four dots. Below these is a light pink 'Login' button. At the bottom, it says 'don't have an account? sign up' with 'sign up' in red.

LOGIN

incorrect email or password!

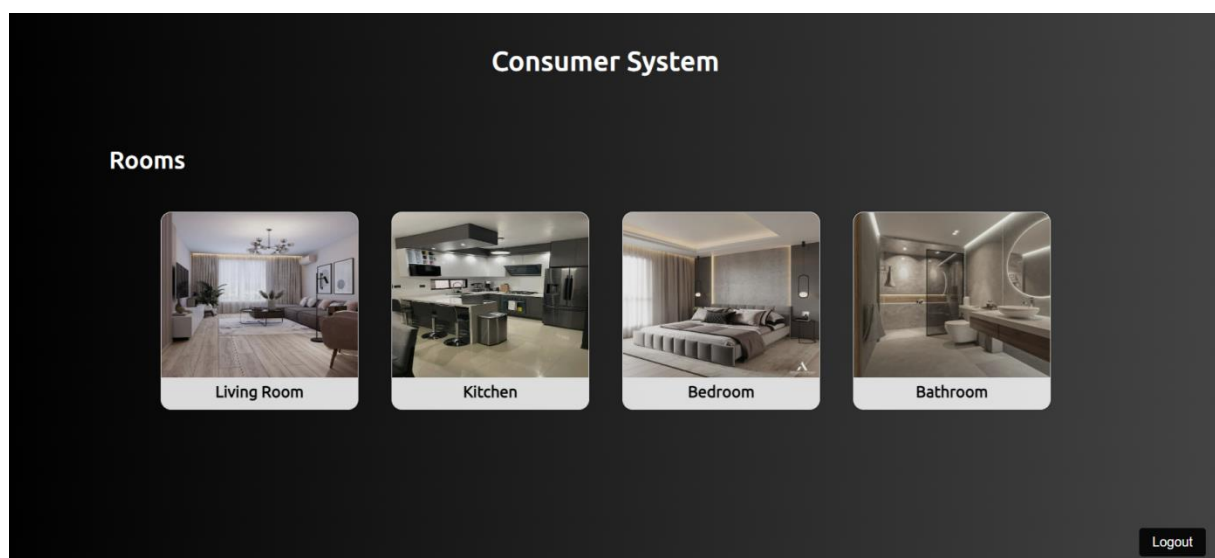
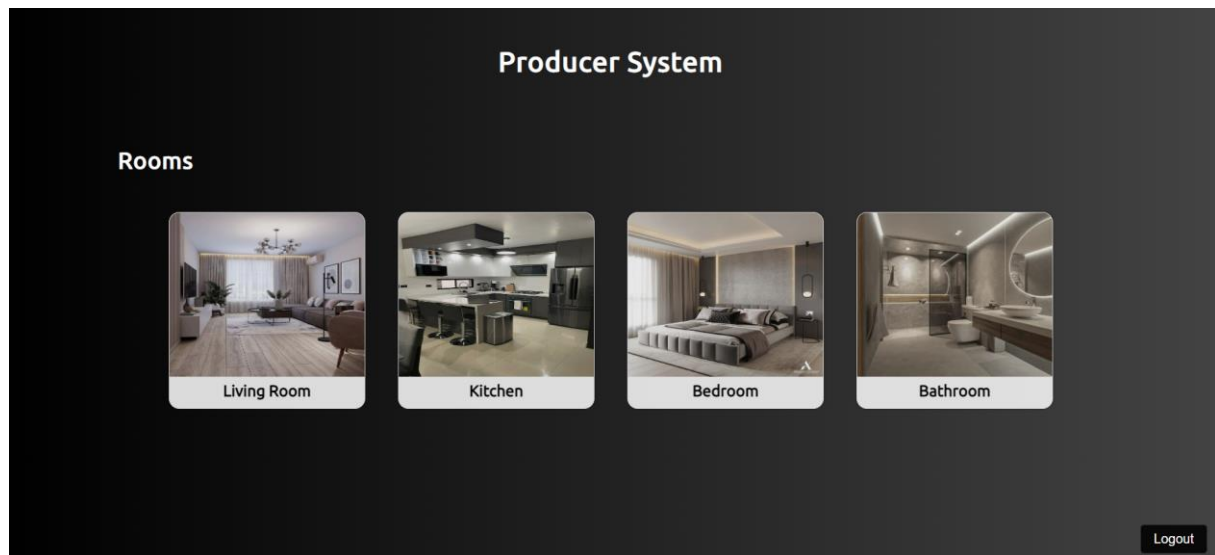
user@gmail.com

....

Login

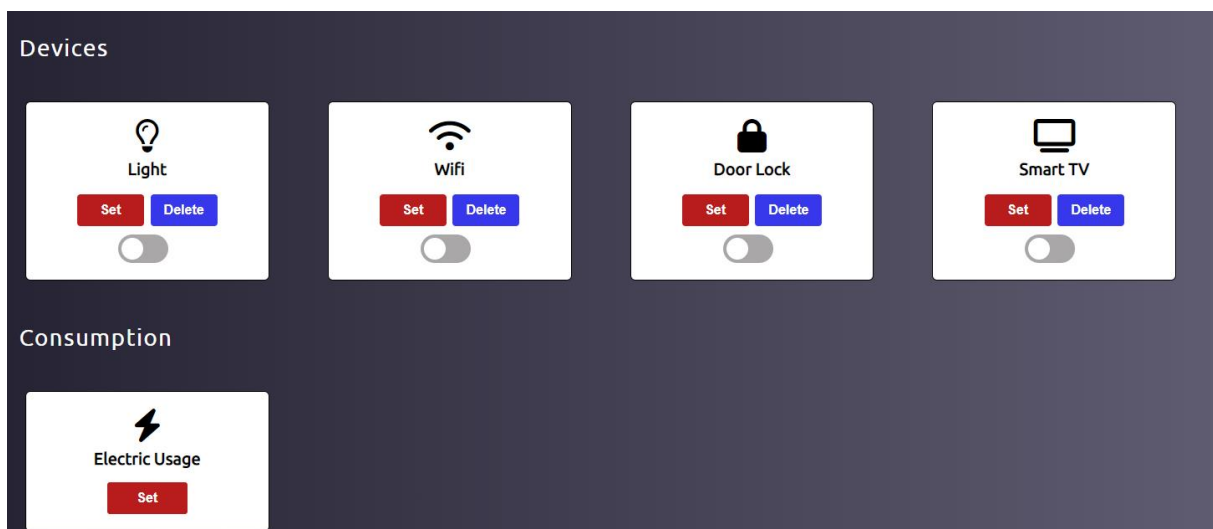
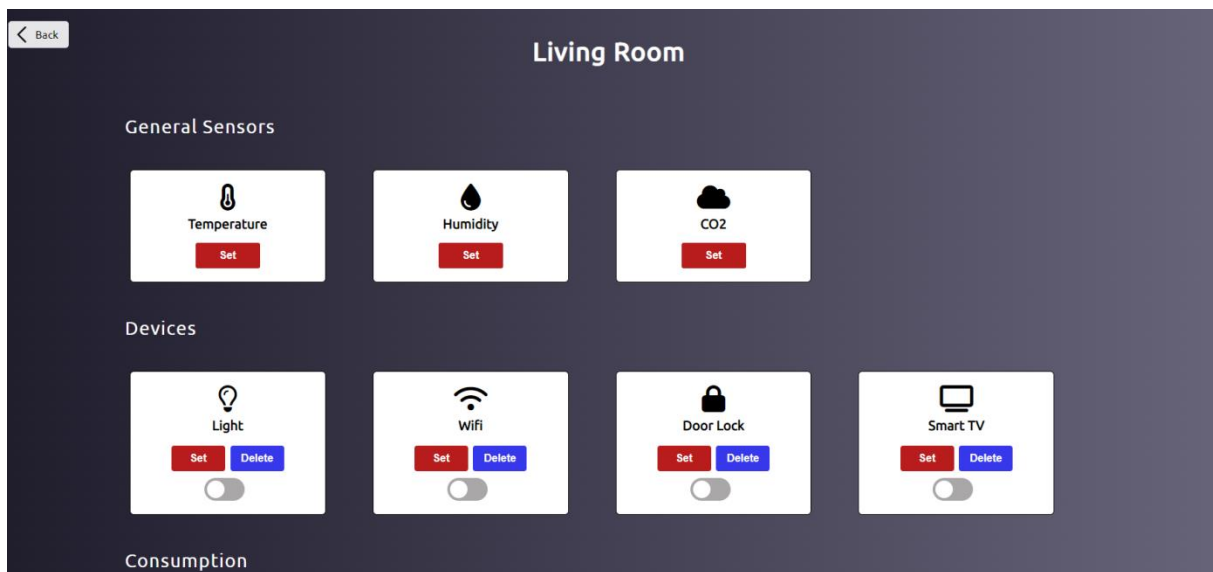
don't have an account? [sign up](#)

8. When we log in to the producer page or consumer page, the rooms section appears. This is main page of the system. There is a log out button at the right-bottom of the page .



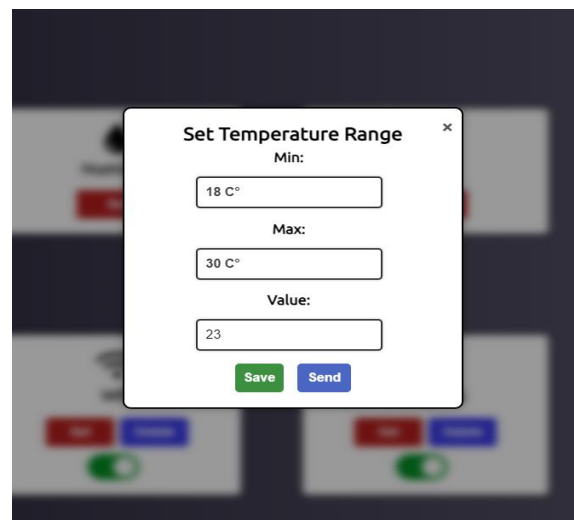
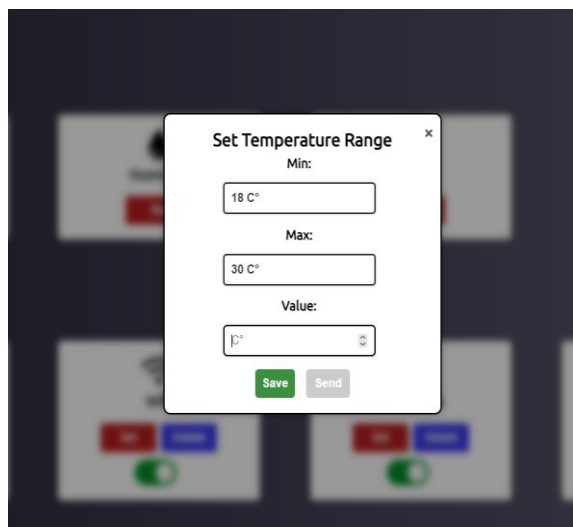
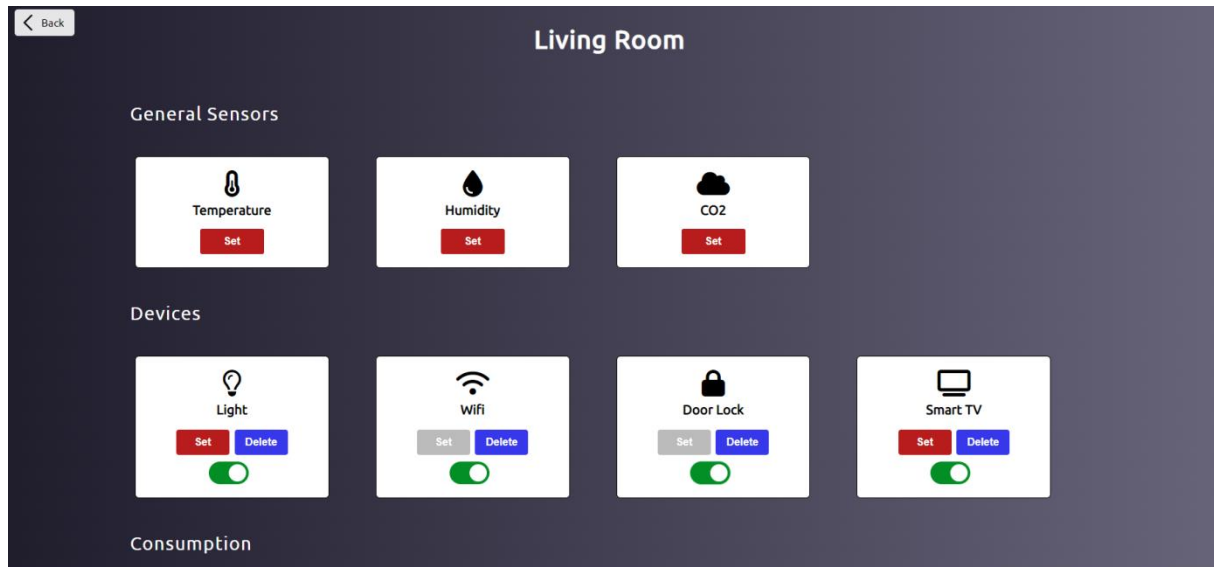
9. In producer page , sensors can change the values by set button. The section called "General Sensors" is common in all rooms. In this section, the temperature, humidity, and carbon dioxide levels in the house are measured. The "Devices" section, on the other hand, contains devices specific to that room. These devices can be deleted or turned on/off by the producer. At the

bottom, there is a section that shows the amount of electricity and water consumed in the room.

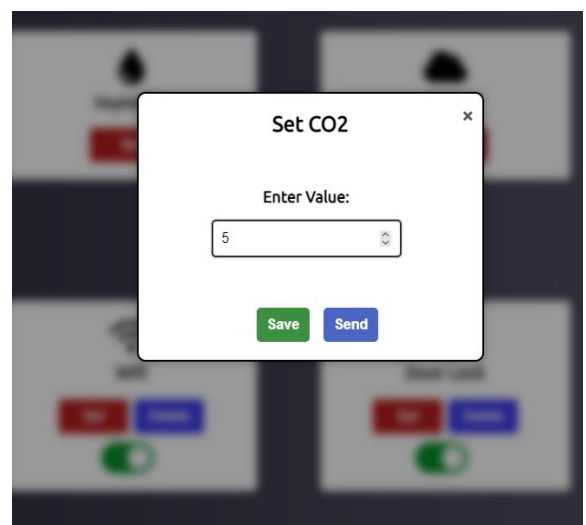
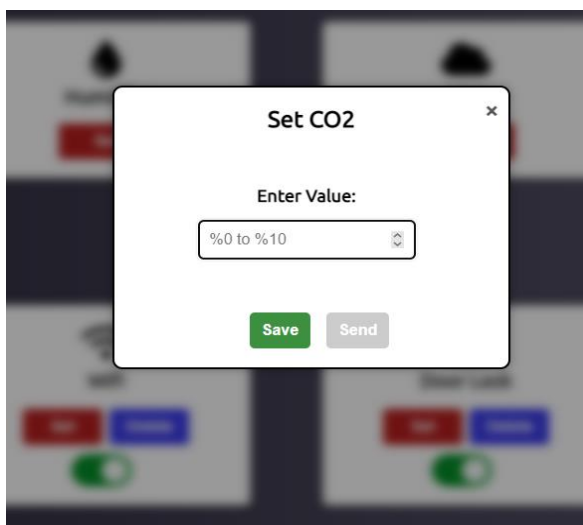
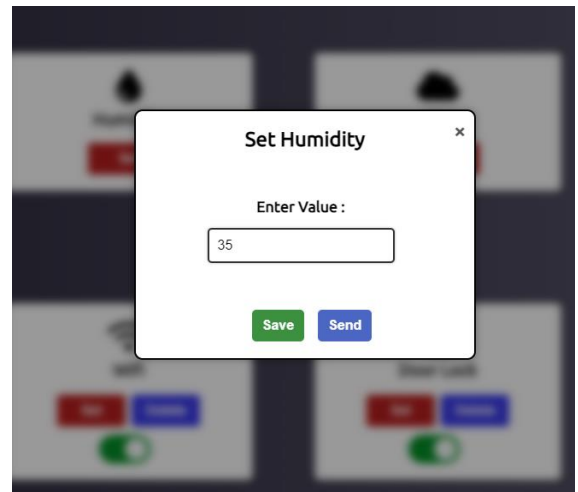
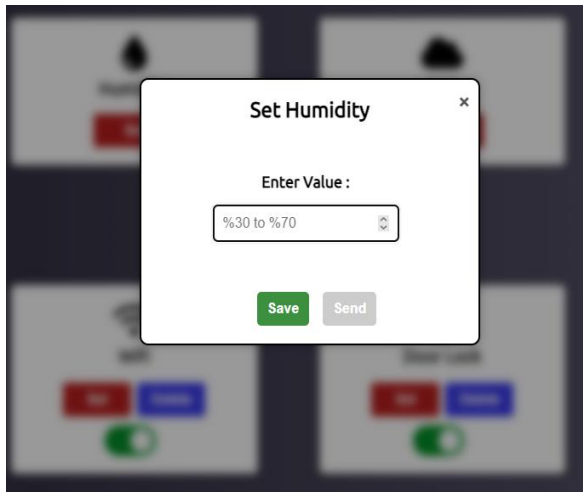


10. This is living room page for producer. Each page has general sensors section. Producer sets and saves each sensor and sends it to consumer page. Producer and consumer pages work simultaneously.

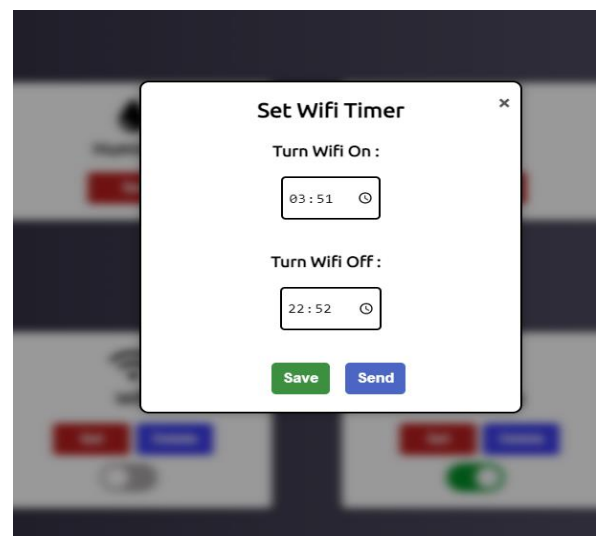
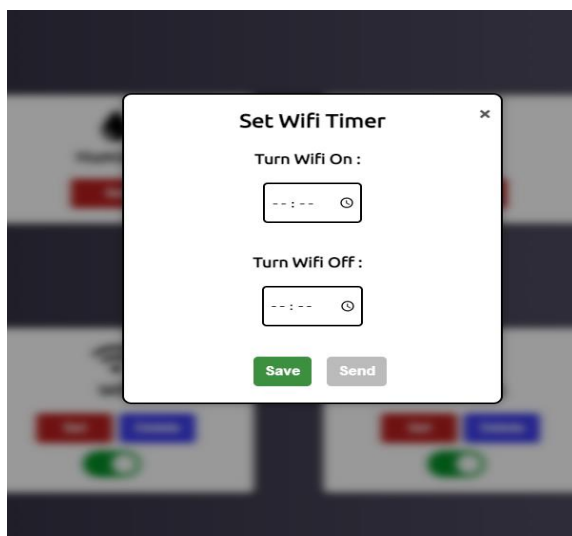
11. For living room , we can enter inputs by clicking set buttons. We can off-on devices . The inputs and on-off info can be seen on consumer page.

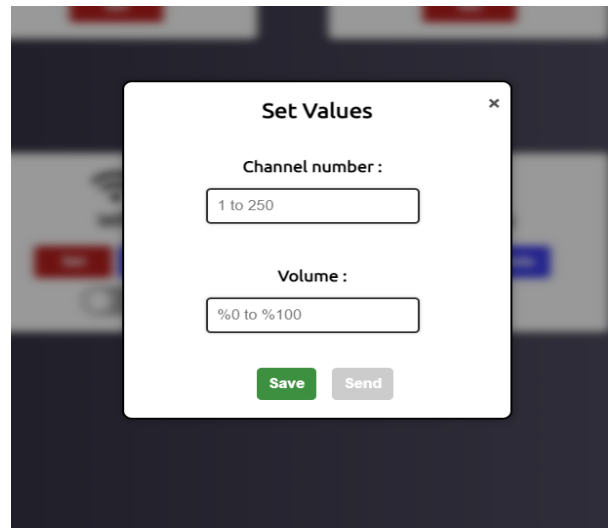
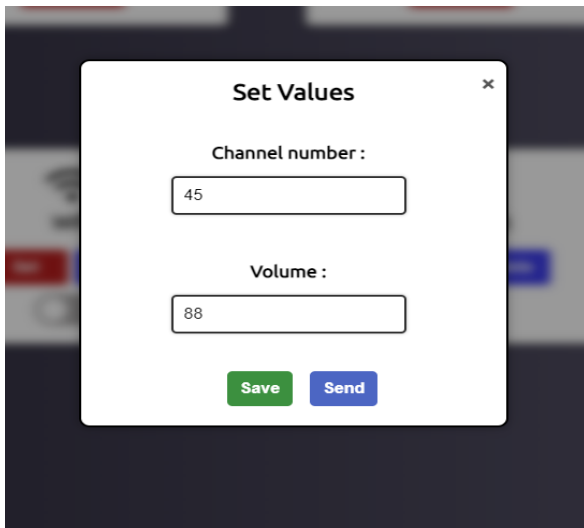
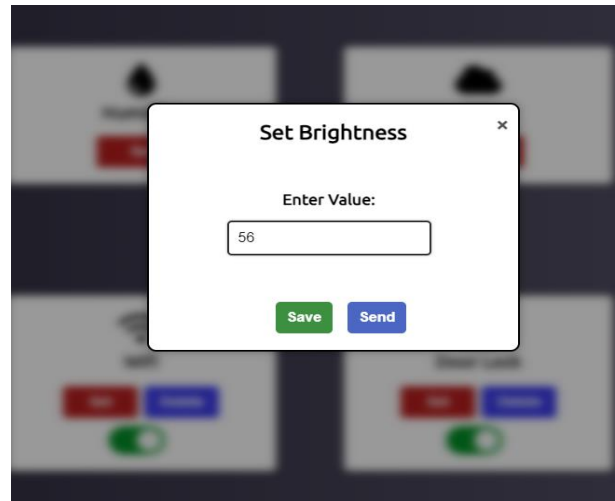
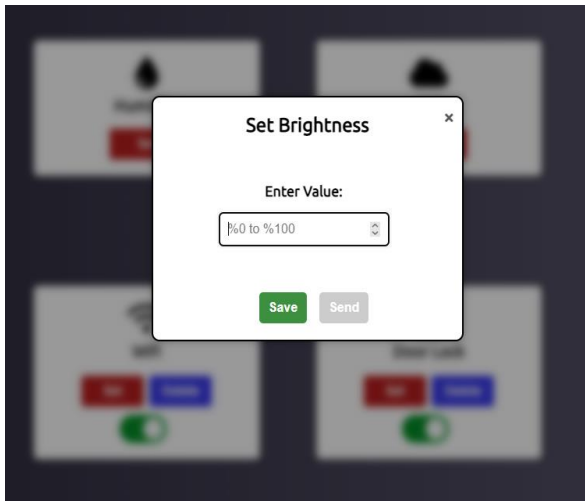


12. We can set the temperature within the given range , then we can save and send it to consumer page. More than that , we can arrange co2 and humidity levels for each room. If the entered input is not compatible with the desired range, the send button will not be activated and a warning alert message will appear.

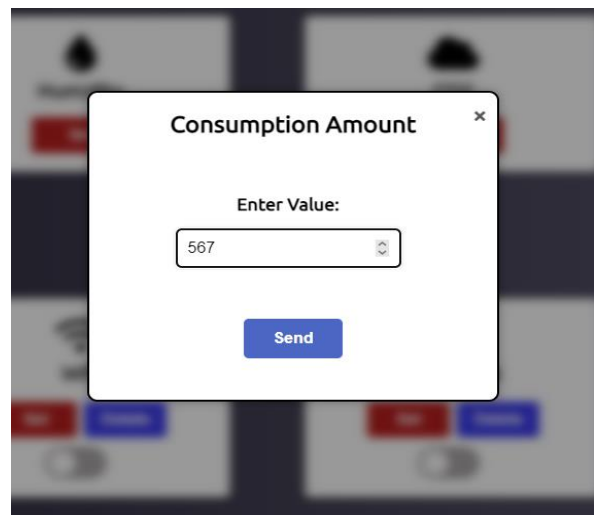
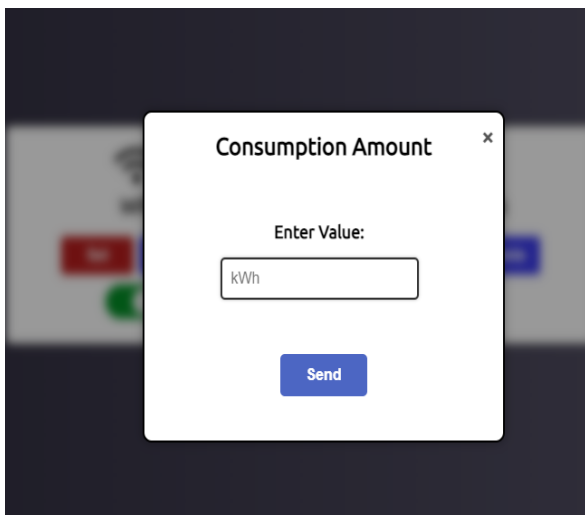


12. Wifi and door lock devices have timer feature. Desired on- off timing can be set at any time when the wifi and door lock is off.

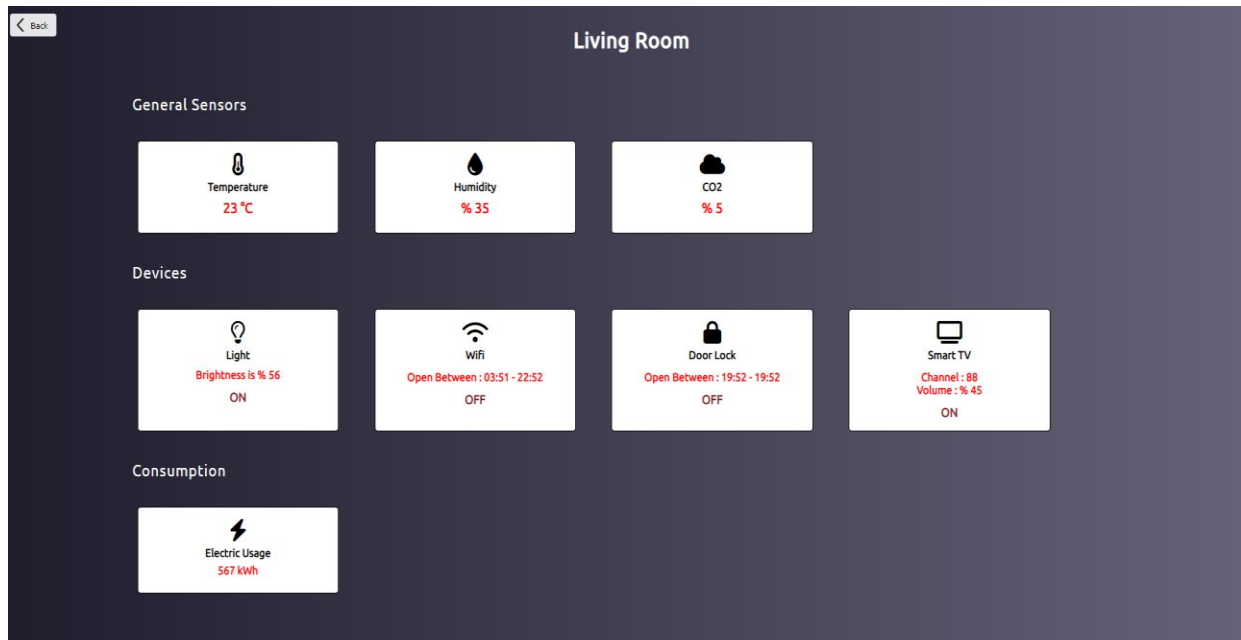




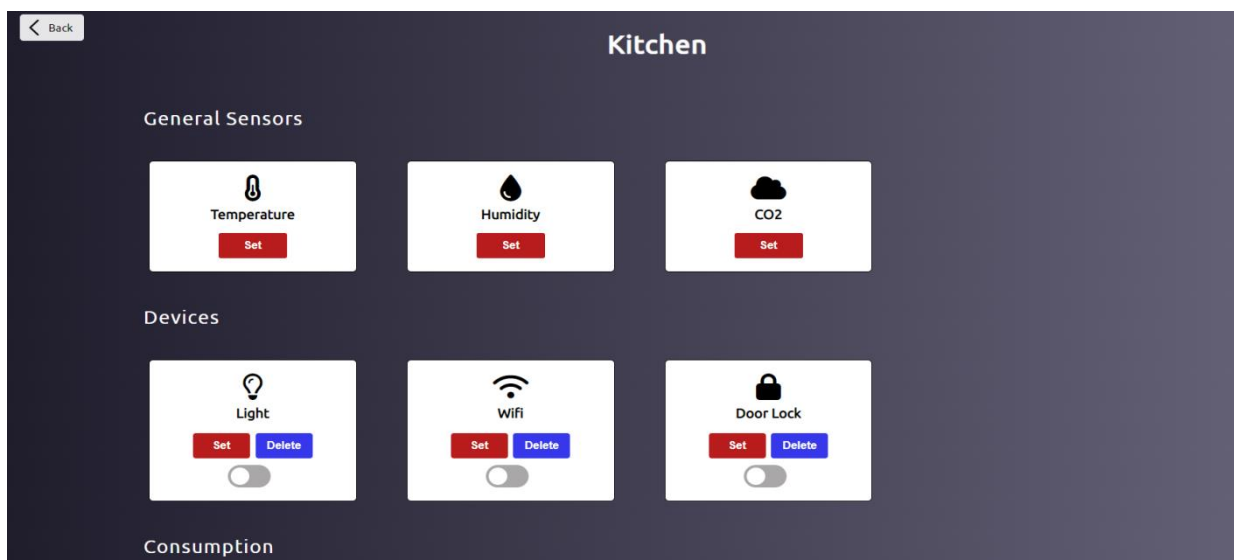
13. We can set amount of electricity consumed for the living room . Kitchen and bathroom pages have water consumption section in addition to electricity section.

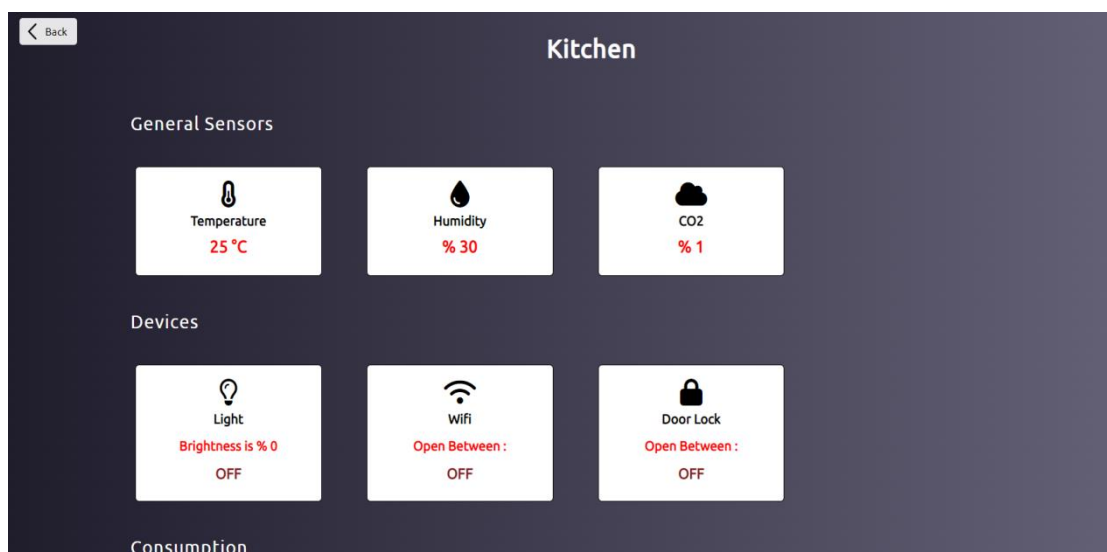
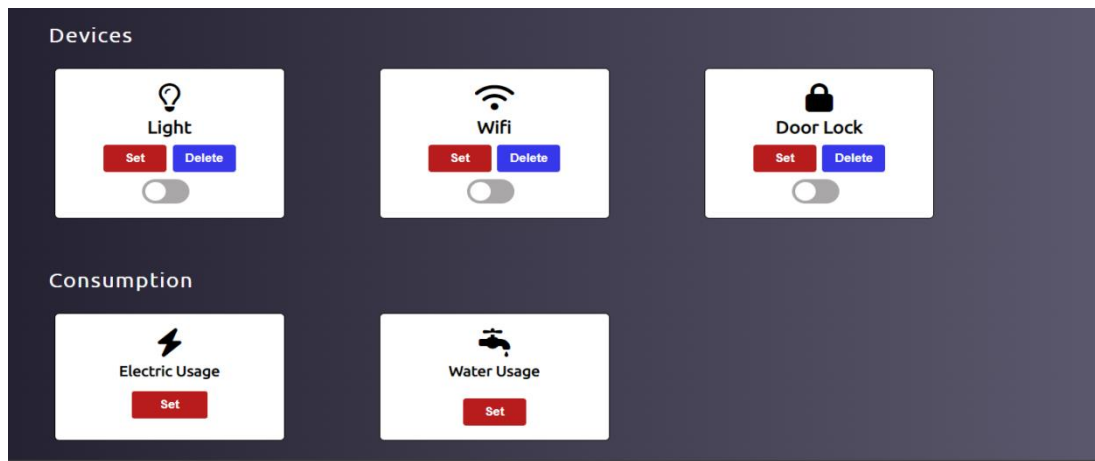


14. This is the consumer page of living room that display us the entered inputs.

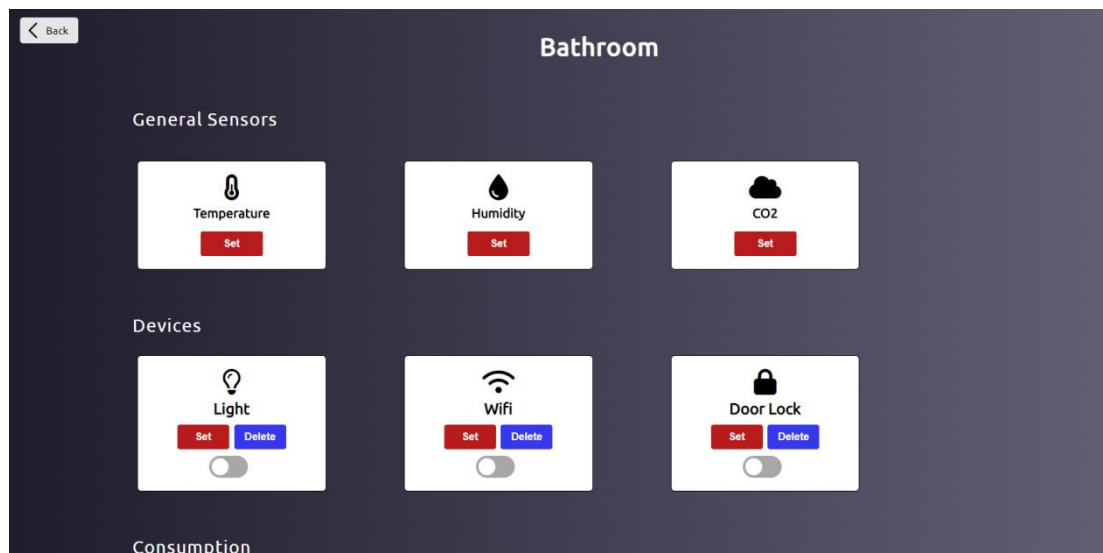


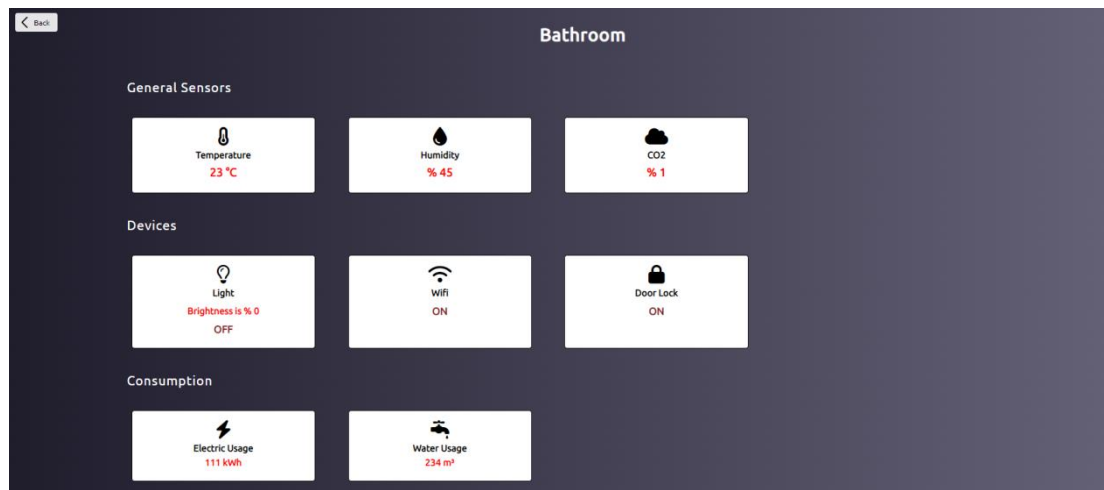
15. Producer and consumer pages of kitchen





16. Producer and consumer pages of bathroom





17. In producer page of bedroom , we can set the volume and color of smart speaker device. Volume and color of speaker can be seen in consumer page.

