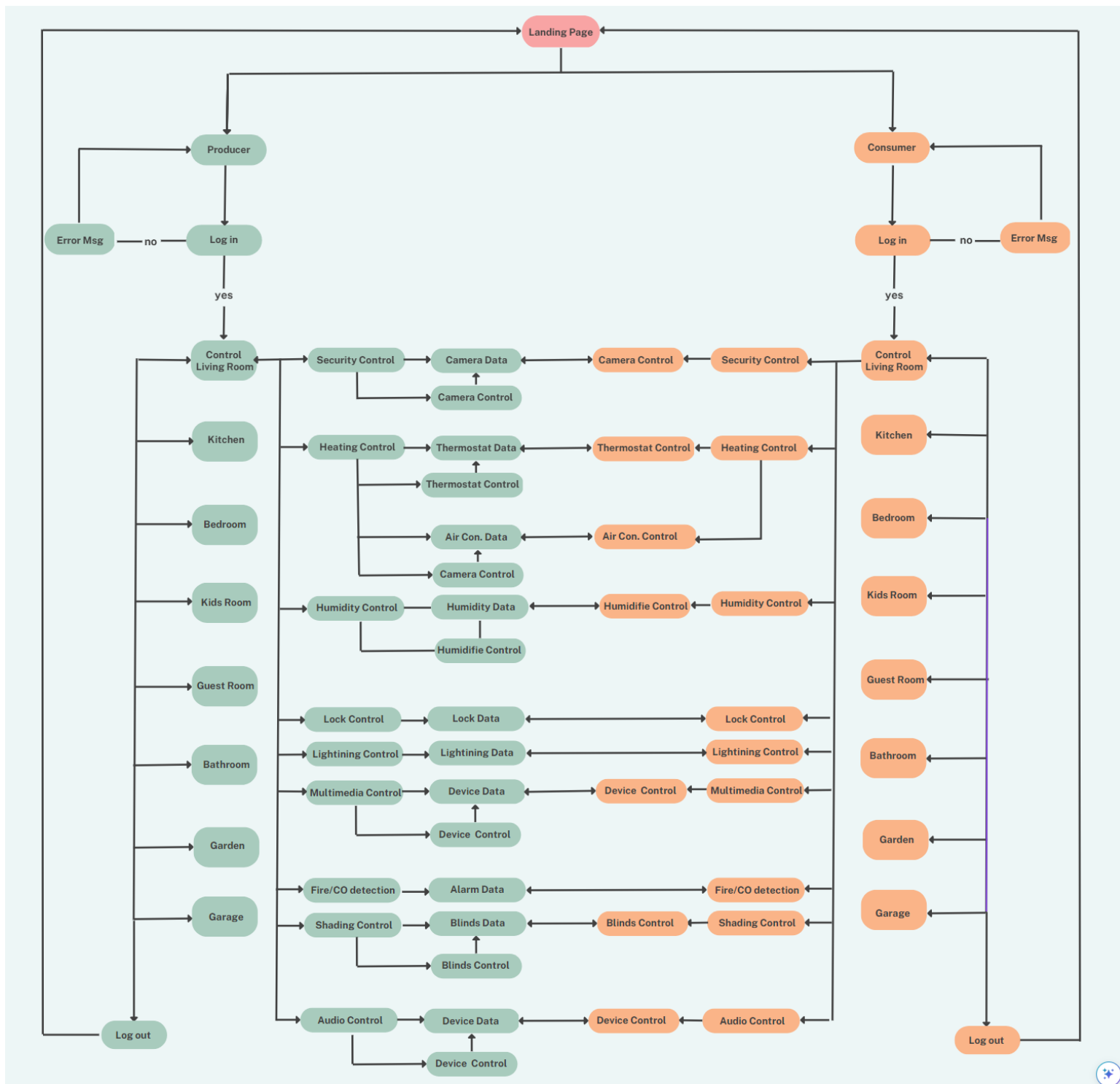# App Workflow

This Workflow only considers Living Room control panels, other rooms' control panels work the same but some of them do not include all the controls.
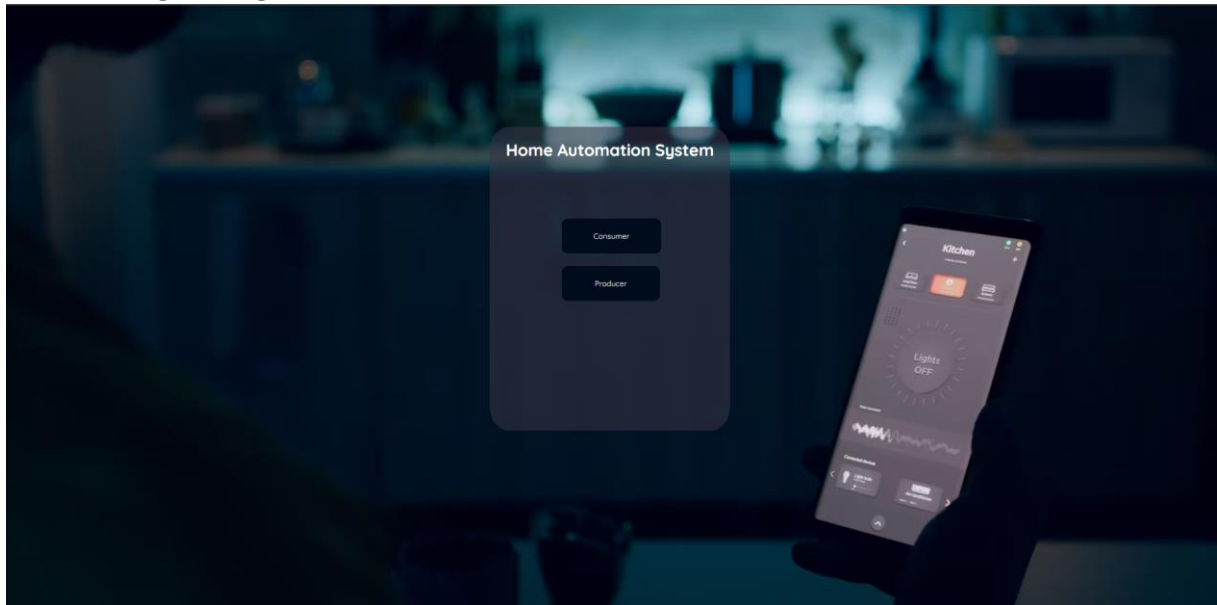
On the landing page, we choose who to log in as. After we log in, a Control menu is welcome us.The menu includes some controls such as "Security, Heating, Humidity, Lock, Lightning Multimedia, Fire/CO Detection, Shading, Audio" that can control devices and give information about devices' status.

Producer and Consumer control pages' will have a bridge. We didn't implement that bridge in this submission.
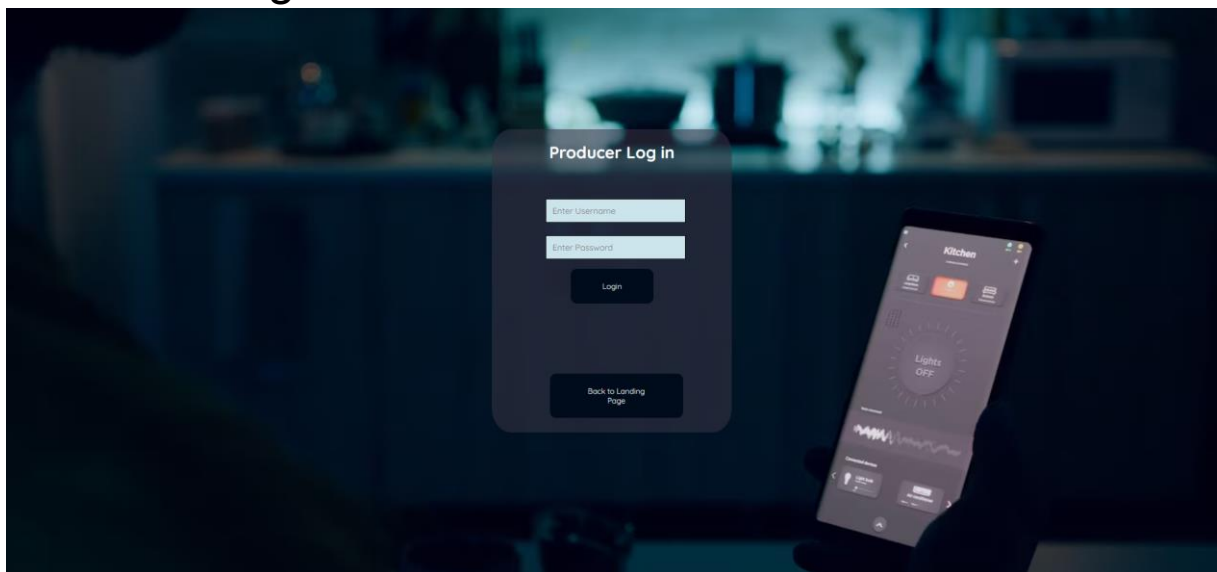
I can give an example in workflow about this bridge; On the Producer page, we can control the Camera status. After the Producer controls it, the data changes and the data updates the status on the Consumer page. The Consumer also can control the Camera status.

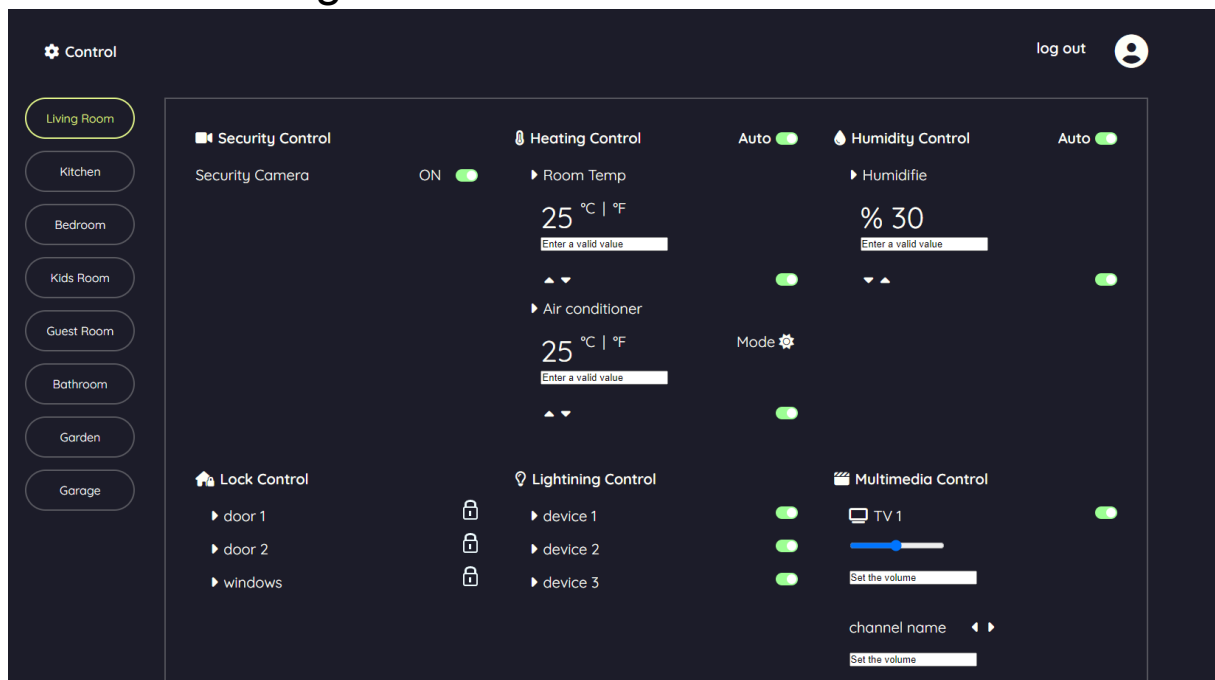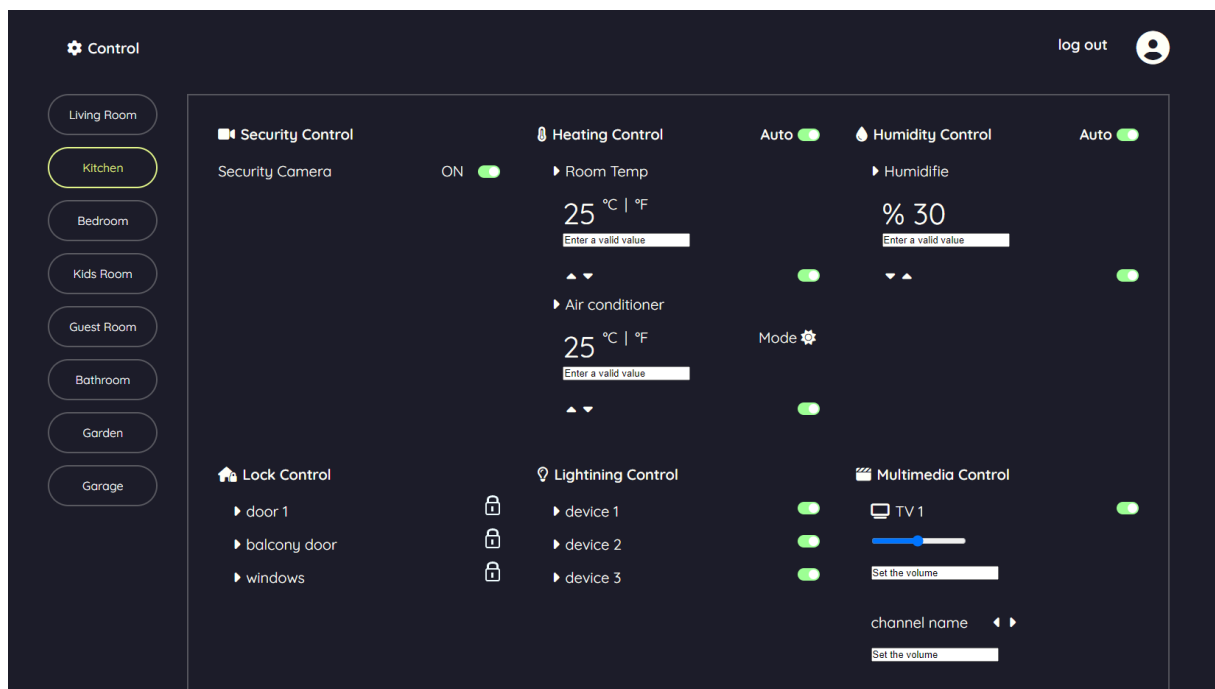When we log out, we return to the landing page.
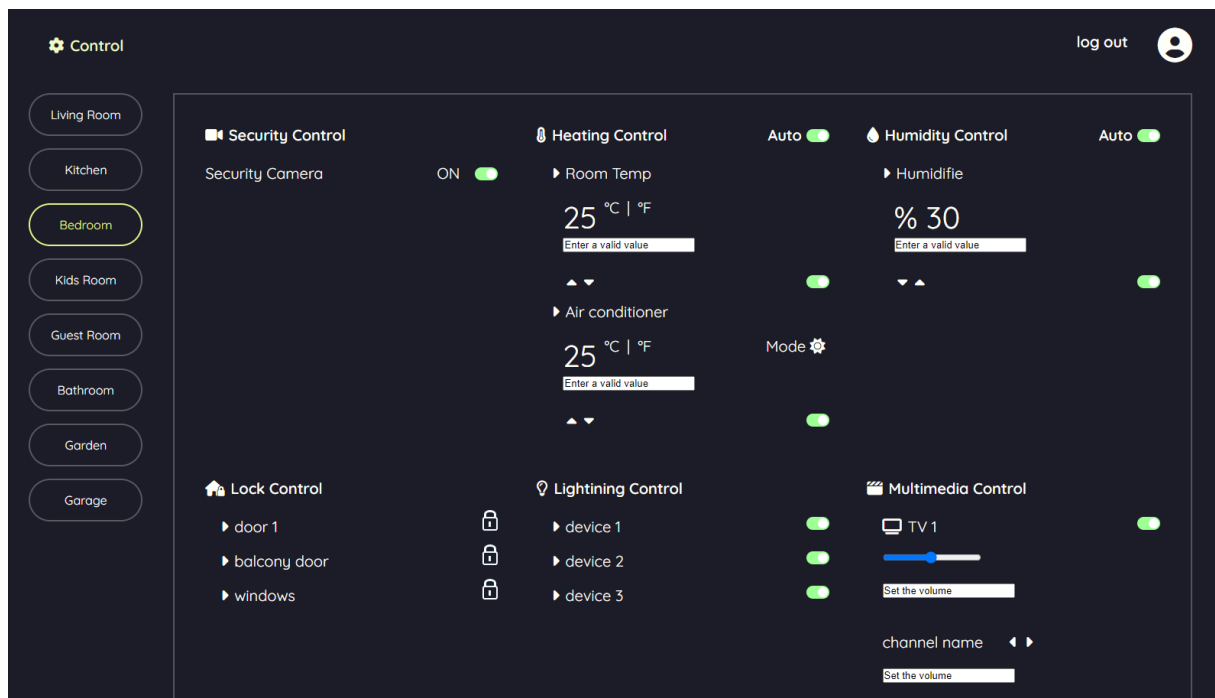
Landing Page:

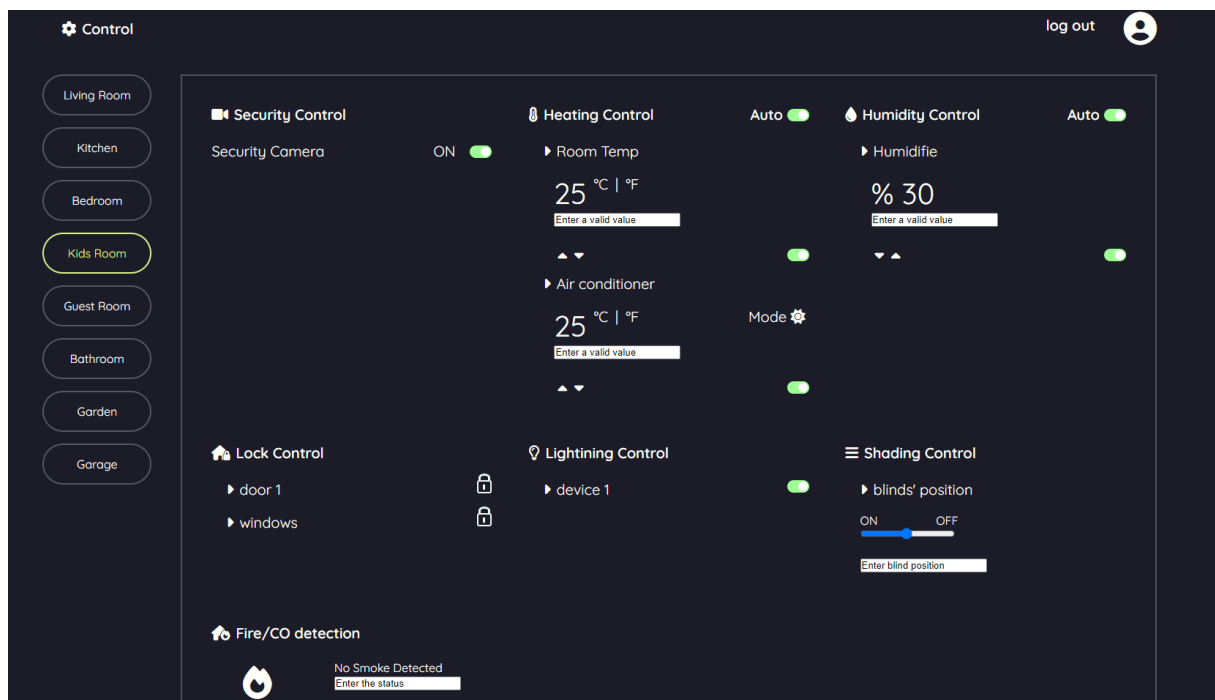# Producer Log in:
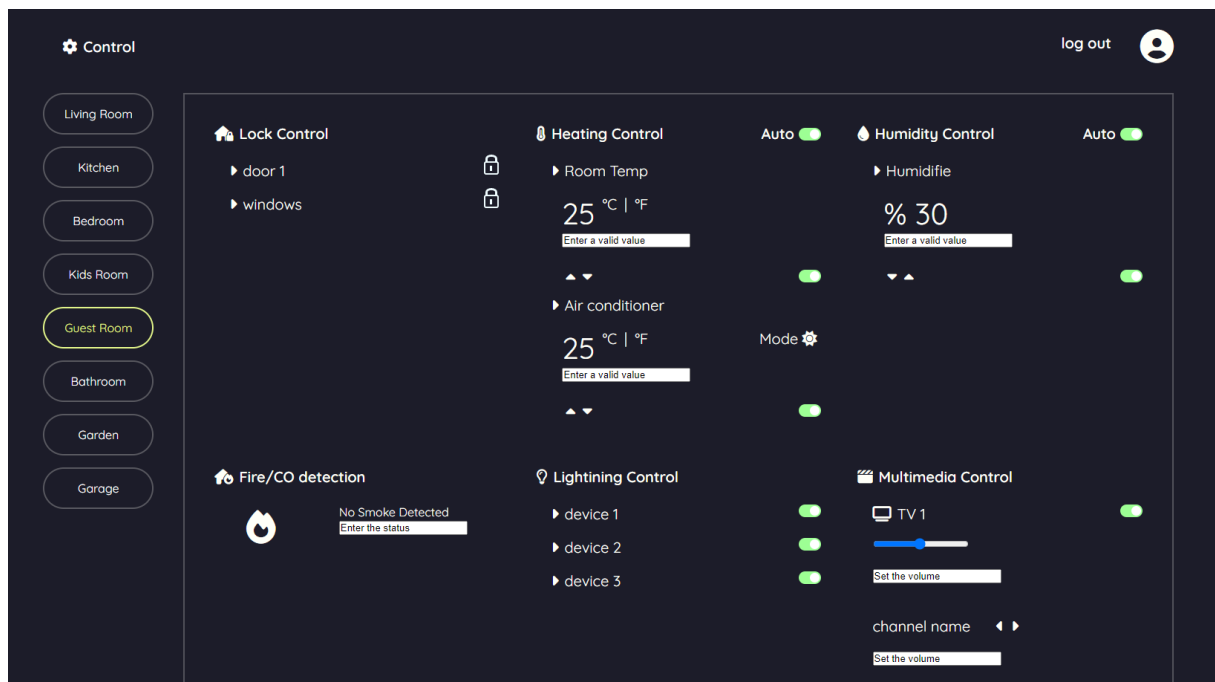
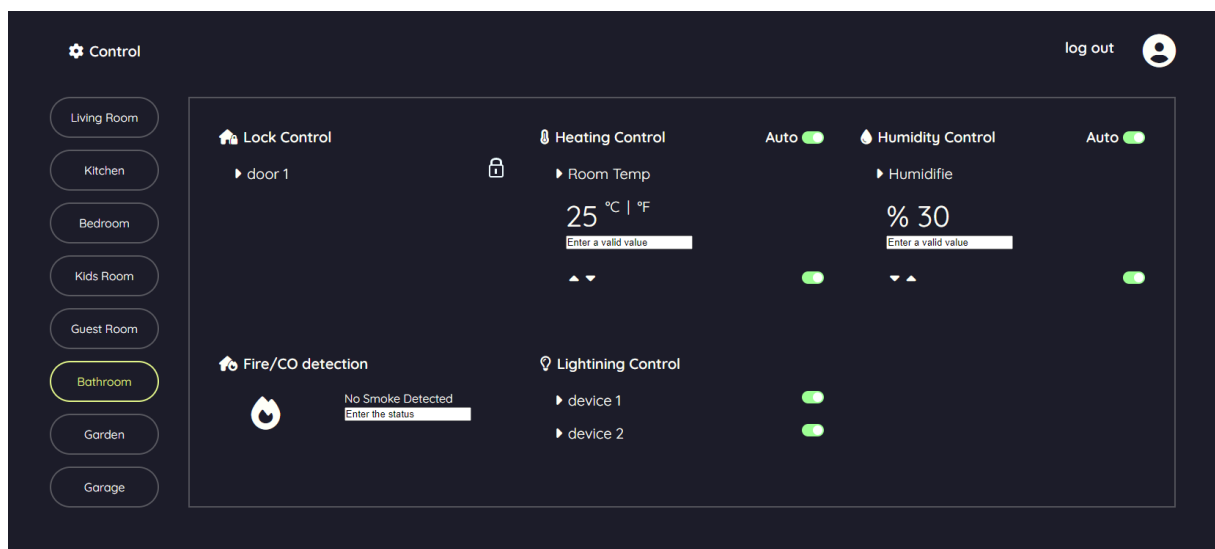# Producer Living Room:

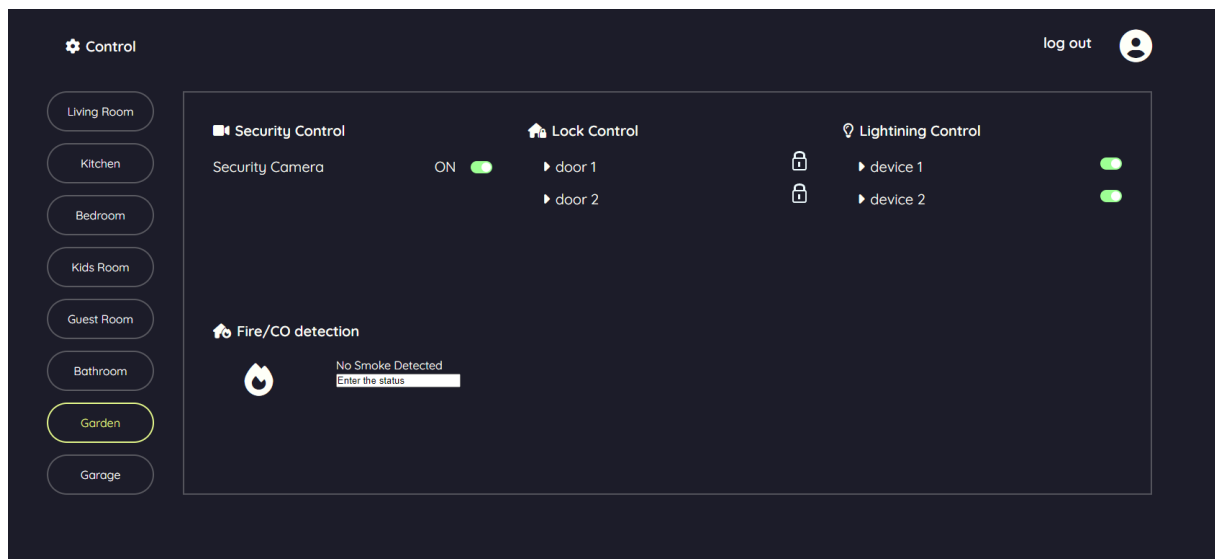# Producer Kitchen:

Producer Bedroom:
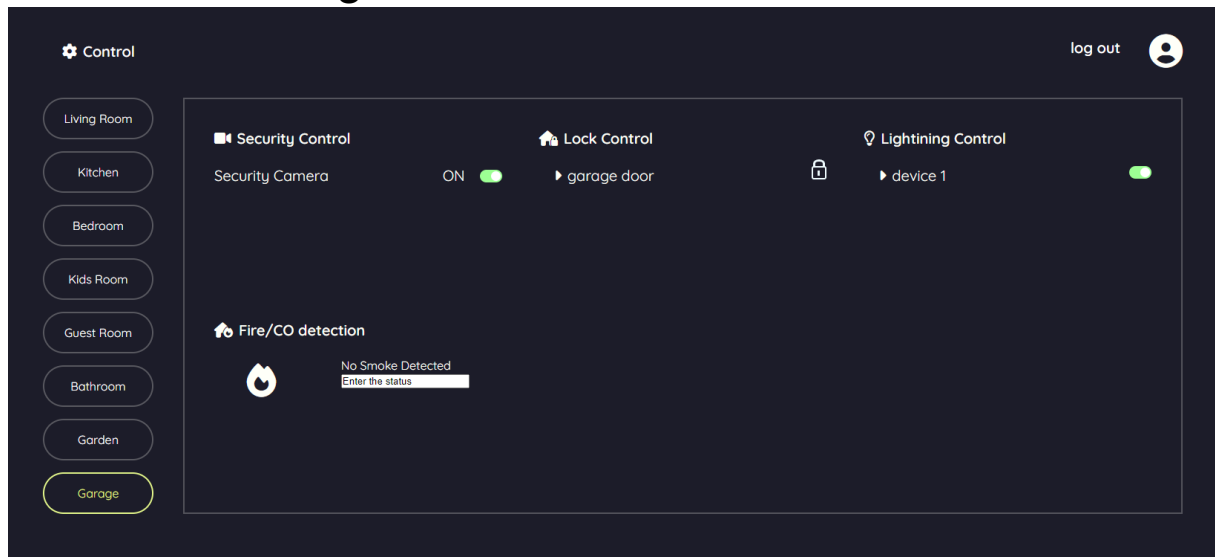

Producer Kids Room:
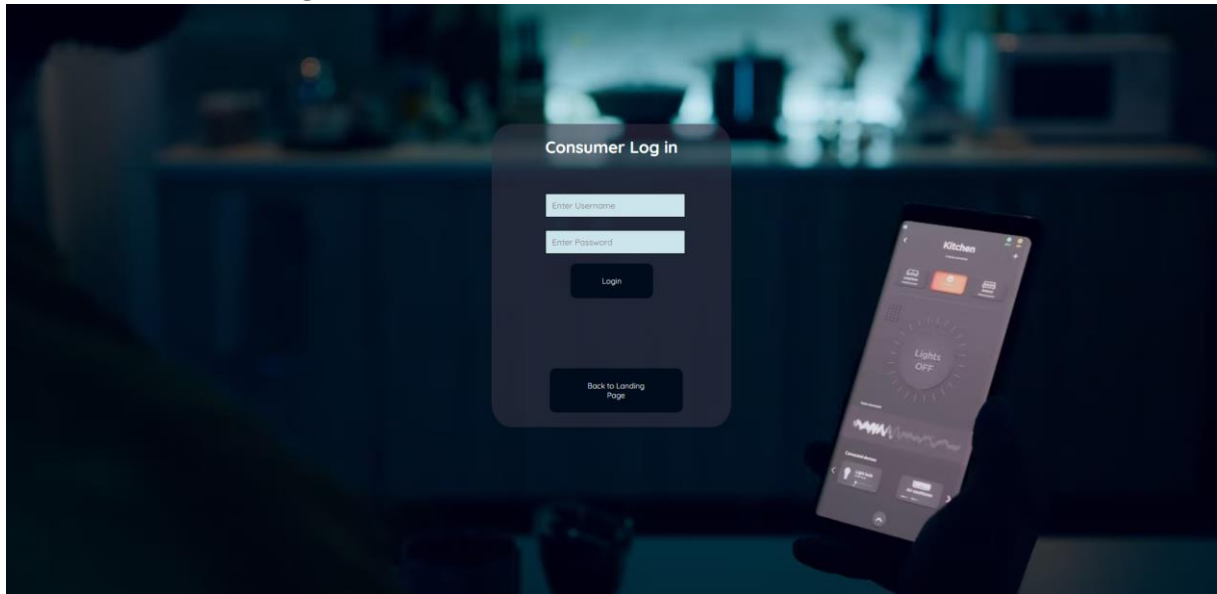
Producer Guest Room:

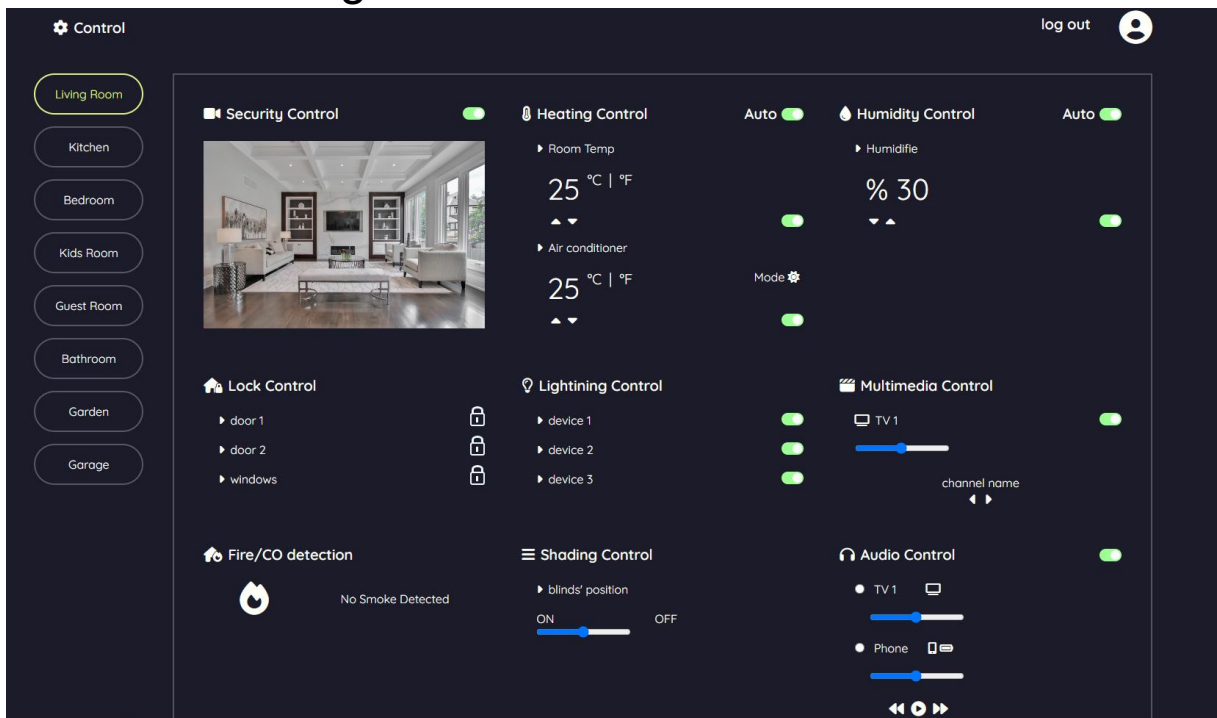
Producer Bathroom:

Producer Garden:

Control				log out 👤
Living Room	📹 Security Control	🏠 Lock Control	💡 Lightning Control	
Kitchen	Security Camera ON 🟢	▸ door 1 🔒	▸ device 1 🟢	
Bedroom		▸ door 2 🔒	▸ device 2 🟢	
Kids Room				
Guest Room				
Bathroom	🔥 Fire/CO detection			
Garden	🔥 No Smoke Detected			
Garage	Enter the status			

Producer Garage:

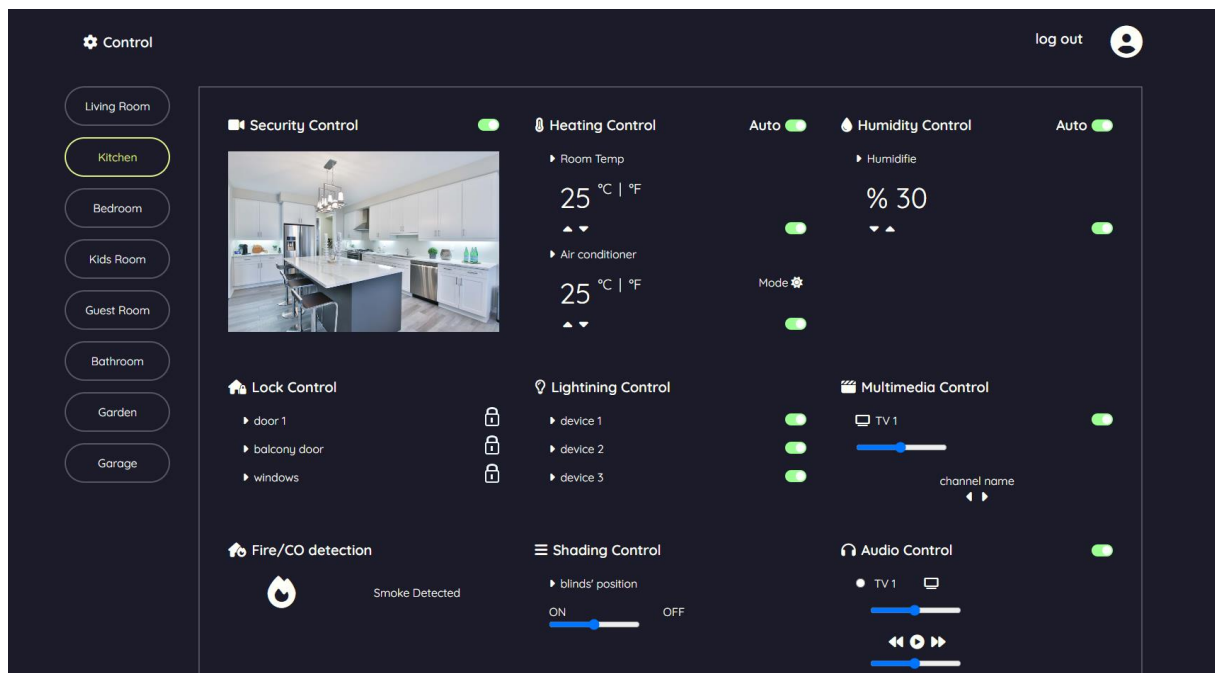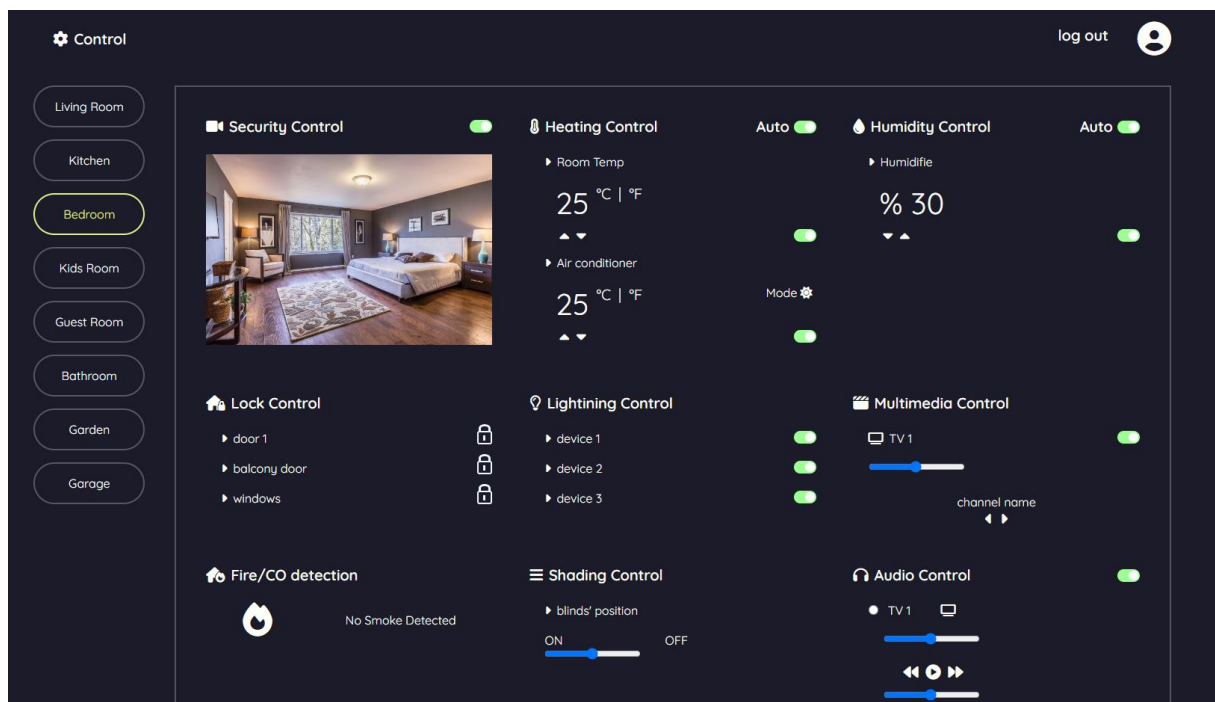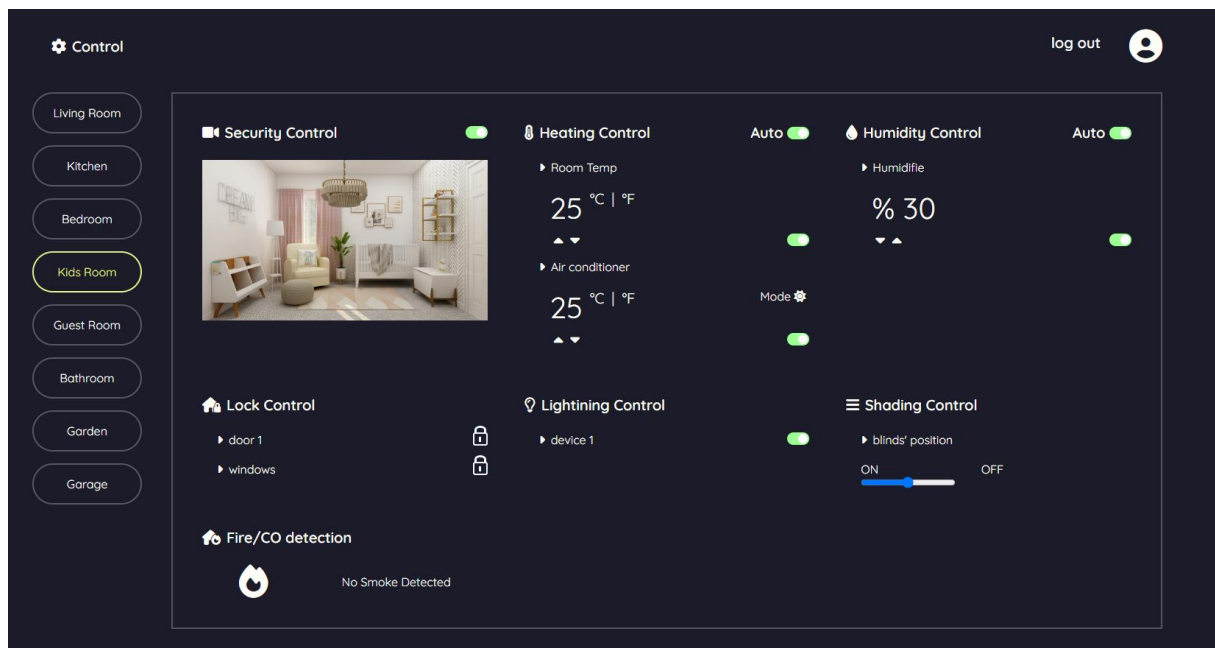| Control				log out 👤
Living Room	📹 Security Control	🏠 Lock Control	💡 Lightning Control	
Kitchen	Security Camera ON 🟢	▸ garage door 🔒	▸ device 1 🟢	
Bedroom				
Kids Room				
Guest Room				
Bathroom	🔥 Fire/CO detection			
Garden	🔥 No Smoke Detected			
Garage	Enter the status			

Consumer Log in:

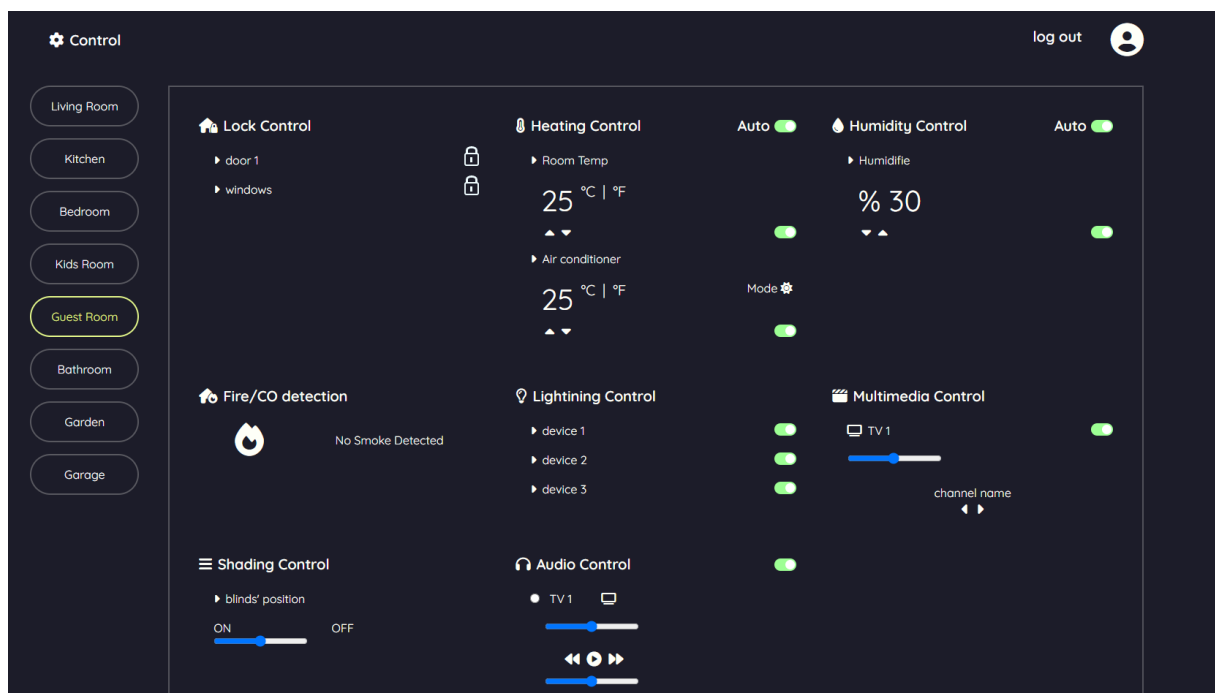# Consumer Living Room:

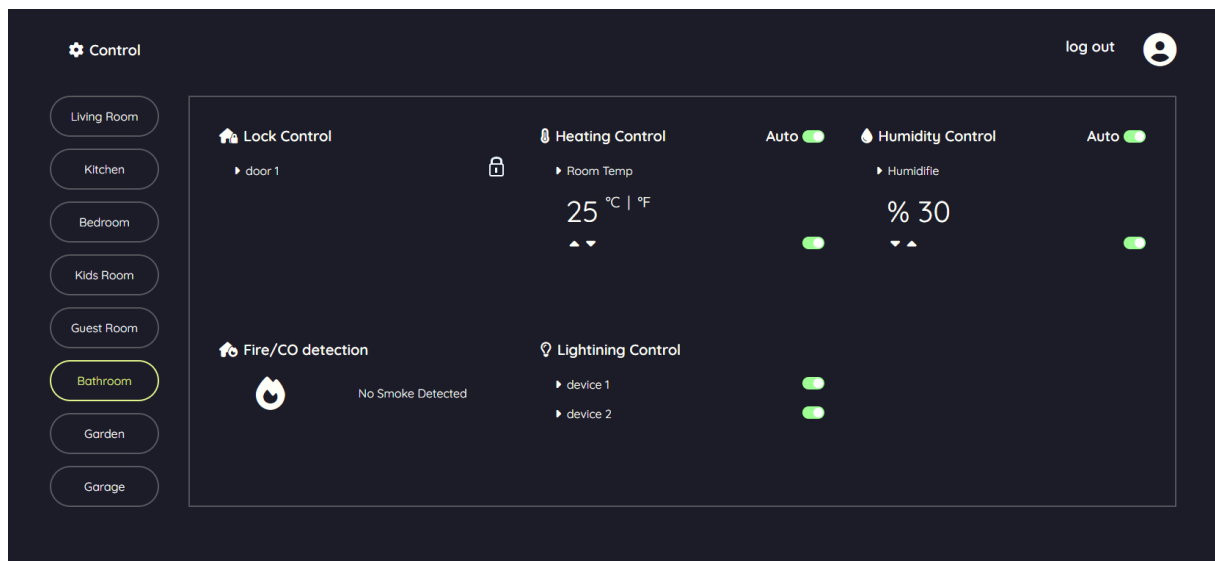# Consumer Kitchen:

Consumer Bedroom:

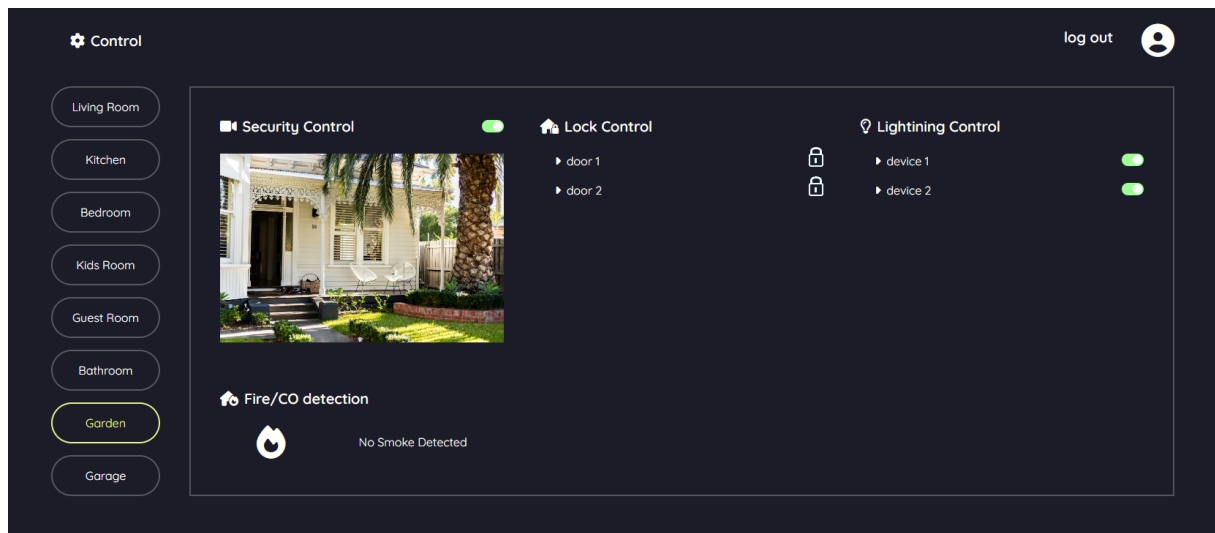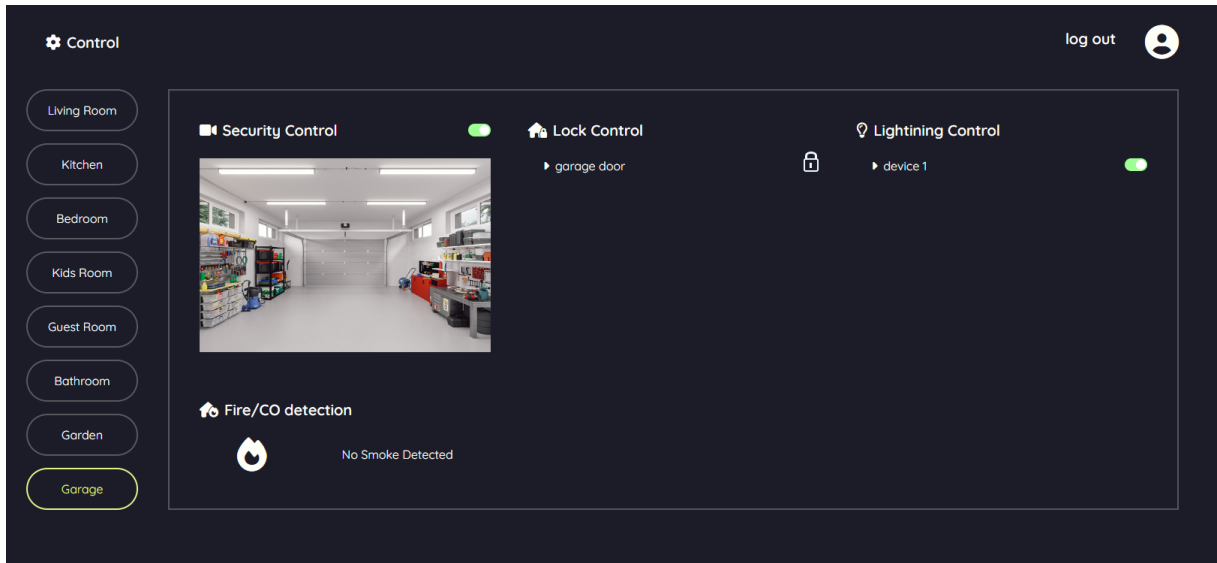# Consumer Kids Room:

Consumer Guest Room:

Consumer Bathroom:

Consumer Garden:

Consumer Garage:

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