

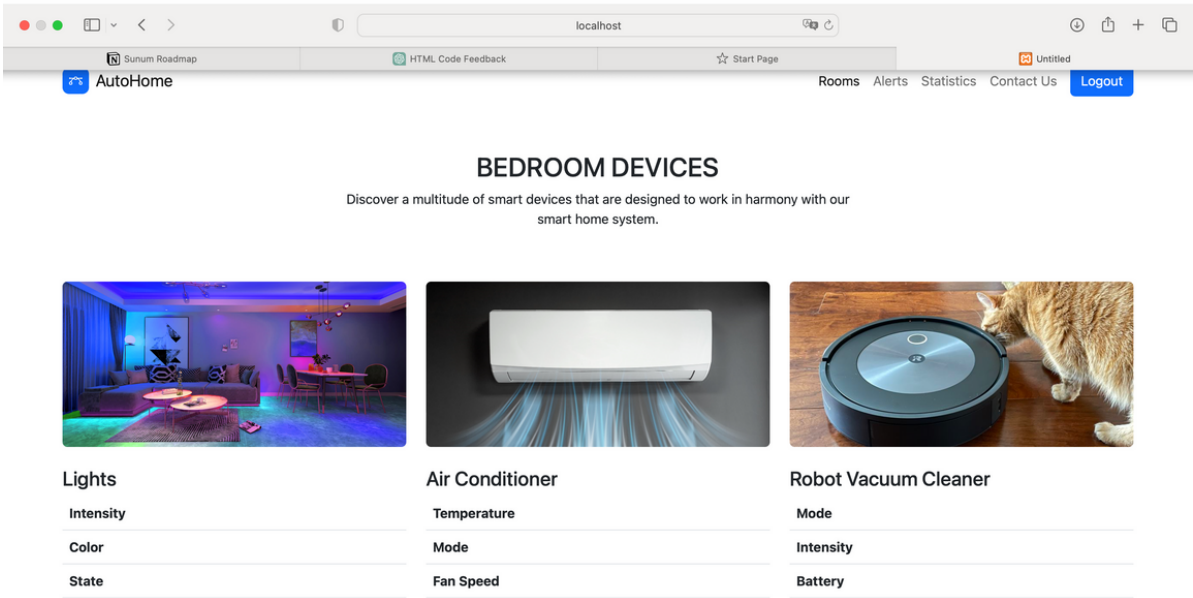
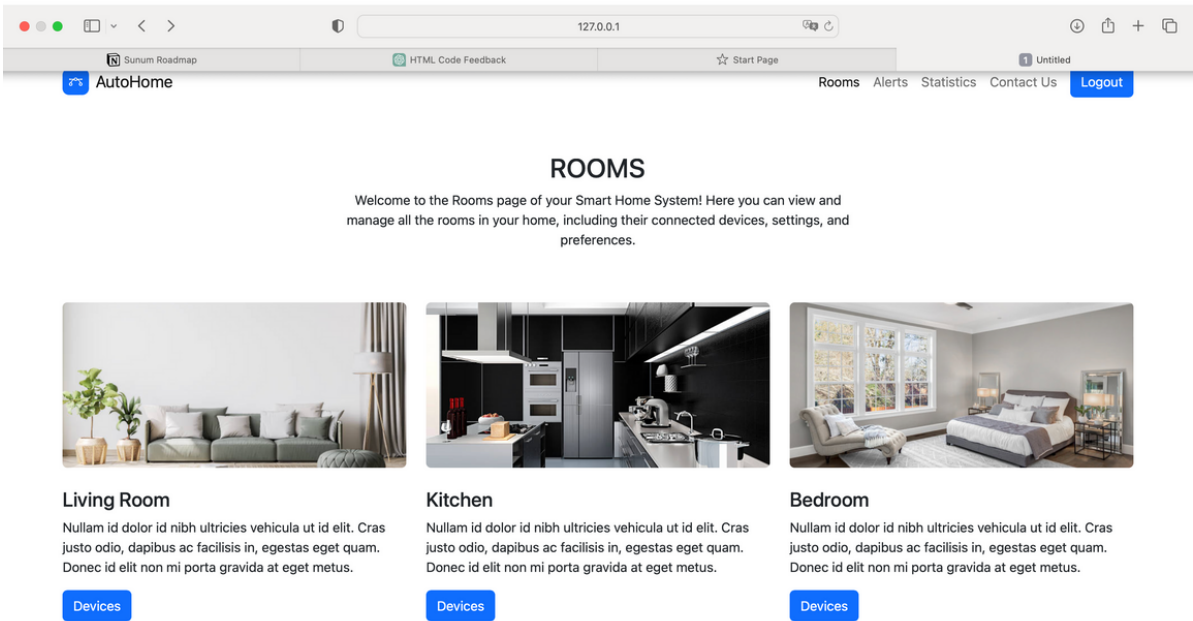
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Web Automation System Final Report



Screenshots



Screenshots

Login

Welcome to the login page for our Smart Home System! To access your personalized dashboard and control your smart devices, please enter your login credentials below.

Consumer: c Producer: p

Password: 123

Login

AutoHome

Home Contact Us Logout

Sensor Data Generation Page

Air Conditioner

Temperature: 22

Mode: Cooling

Fan Speed: Low

Room: Living Room

Energy Usage: 0

Submit

Lights

Intensity: 50

Color:

State: On

Room: Living Room

Energy Usage: 0

Submit

Robot Vacuum Cleaner

Mode: Vacuuming

Submit

Air Purifier

Mode: Auto

Submit

Sensor Management

Add Sensor

Sensor Name:

Sensor Type:

Sensor Location:

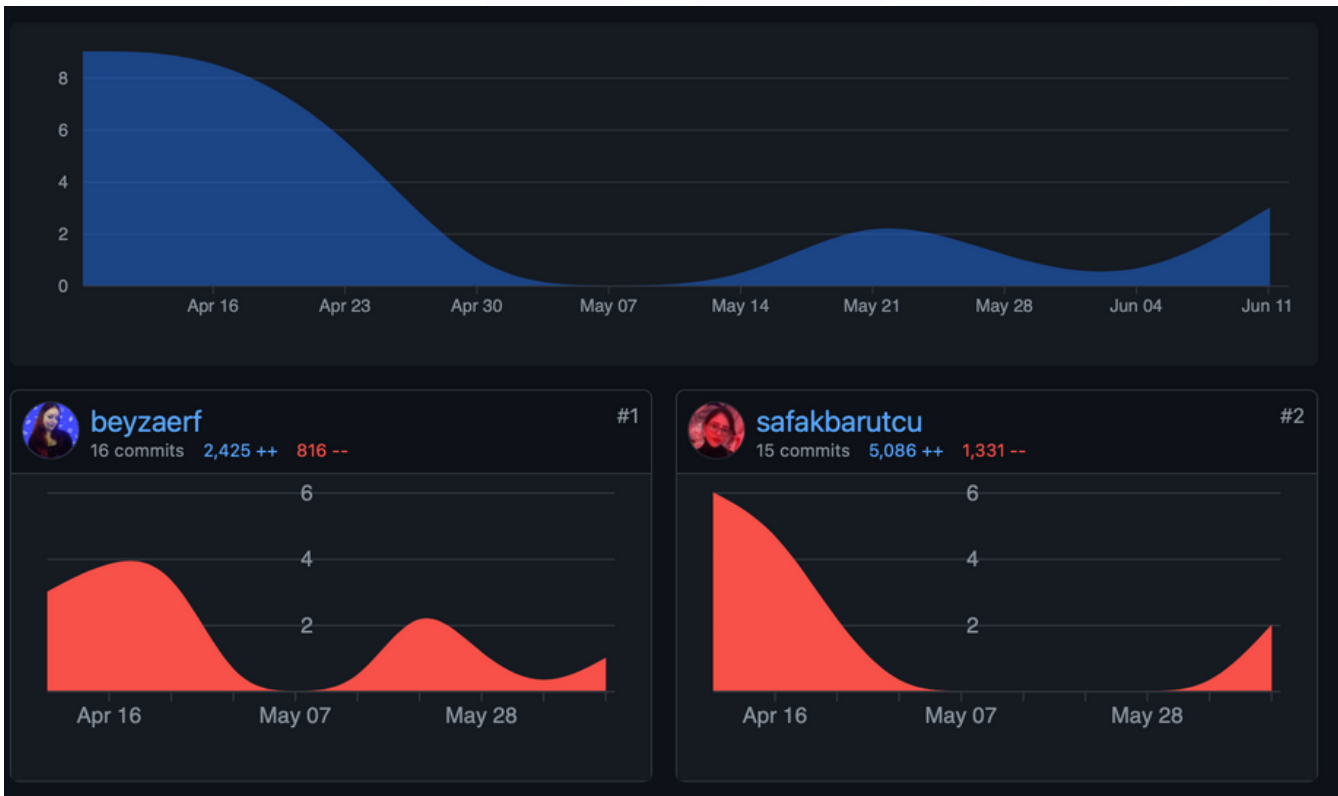
Sensor Threshold:

Add Sensor

Current Sensors

SENSOR NAME	SENSOR TYPE	SENSOR LOCATION	SENSOR THRESHOLD
Sensor 1	Temperature	Living Room	25
Sensor 2	Humidity	Bathroom	60
Sensor 3	Light	Kitchen	50

Git Insights



Commits on Apr 23, 2023

Update README.md	beyzaerf committed on Apr 23	View
move producer	beyzaerf committed on Apr 23	
add navbar	beyzaerf committed on Apr 23	
add php producer login	beyzaerf committed on Apr 23	
fix login	safakbarutcu committed on Apr 23	
Merge branch 'main' of https://github.com/beyzaerf/web_home_automation	safakbarutcu committed on Apr 23	
update design	safakbarutcu committed on Apr 23	

Commits on Jun 11, 2023

connect two sides	beyzaerf committed 18 hours ago
href directs added	safakbarutcu committed yesterday
new pages added	safakbarutcu committed yesterday

Commits on Jun 2, 2023

sql config	beyzaerf committed last week
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Database ER Diagram

air_conditioner	
PK	<u>id int NOT NULL</u>
	temperature int
	mode char
	fan_speed char
	room char
	energy_usage int

air_purifier	
PK	<u>id int NOT NULL</u>
	mode char
	filtration_level int
	ionizer char
	room char
	energy_usage int

motion_sensor	
PK	<u>id int NOT NULL</u>
	motion_detected char
	room char
	energy_usage int

smart_lock	
PK	<u>id int NOT NULL</u>
	status char
	room char
	energy_usage int

robot_vacuum_cleaner	
PK	<u>id int NOT NULL</u>
	intensity int
	mode char
	battery int
	room char
	energy_usage int

lights	
PK	<u>id int NOT NULL</u>
	intensity char
	color color
	state char
	room char
	energy_usage int

Feedback from a third party

- The brand logo and the "Home" and "Contact Us" links are prominently displayed. However, there is a small inconsistency in the navigation where the "Logout" button is aligned to the right while the other links are aligned to the left.
- The choice of font and font size is appropriate and readable.
- The colors are consistent and pleasing to the eye. The form inputs, buttons, and select dropdowns have appropriate styling.
- Inconsistent Naming Convention: The naming convention for the IDs and classes used in your HTML code should be consistent and follow best practices. For example, the naming convention for IDs can be lowercase with words separated by hyphens (e.g., device1-temperature), and for classes, you can use lowercase with words separated by dashes (e.g., device-submit).