IOT Smart Thermostat

Group: 6

Trello: https://trello.com/b/2uNrNM0m/project-board

Repository: https://github.com/AbirFaisal/CEN4010

Team members:

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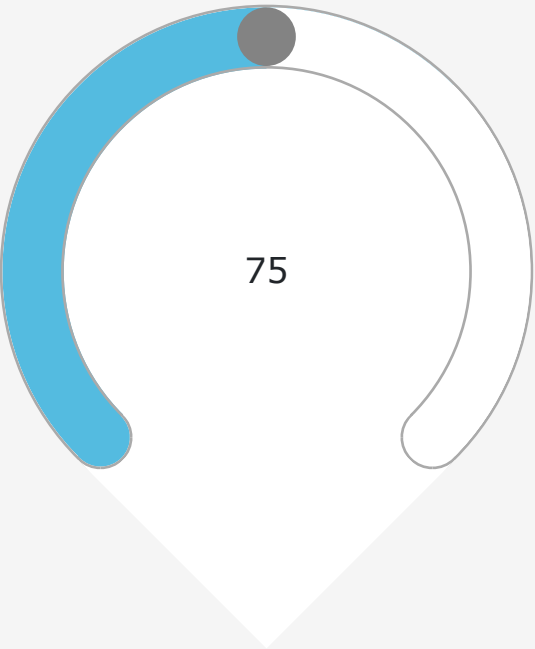Kevin Pham   kpham2019@fau.edu

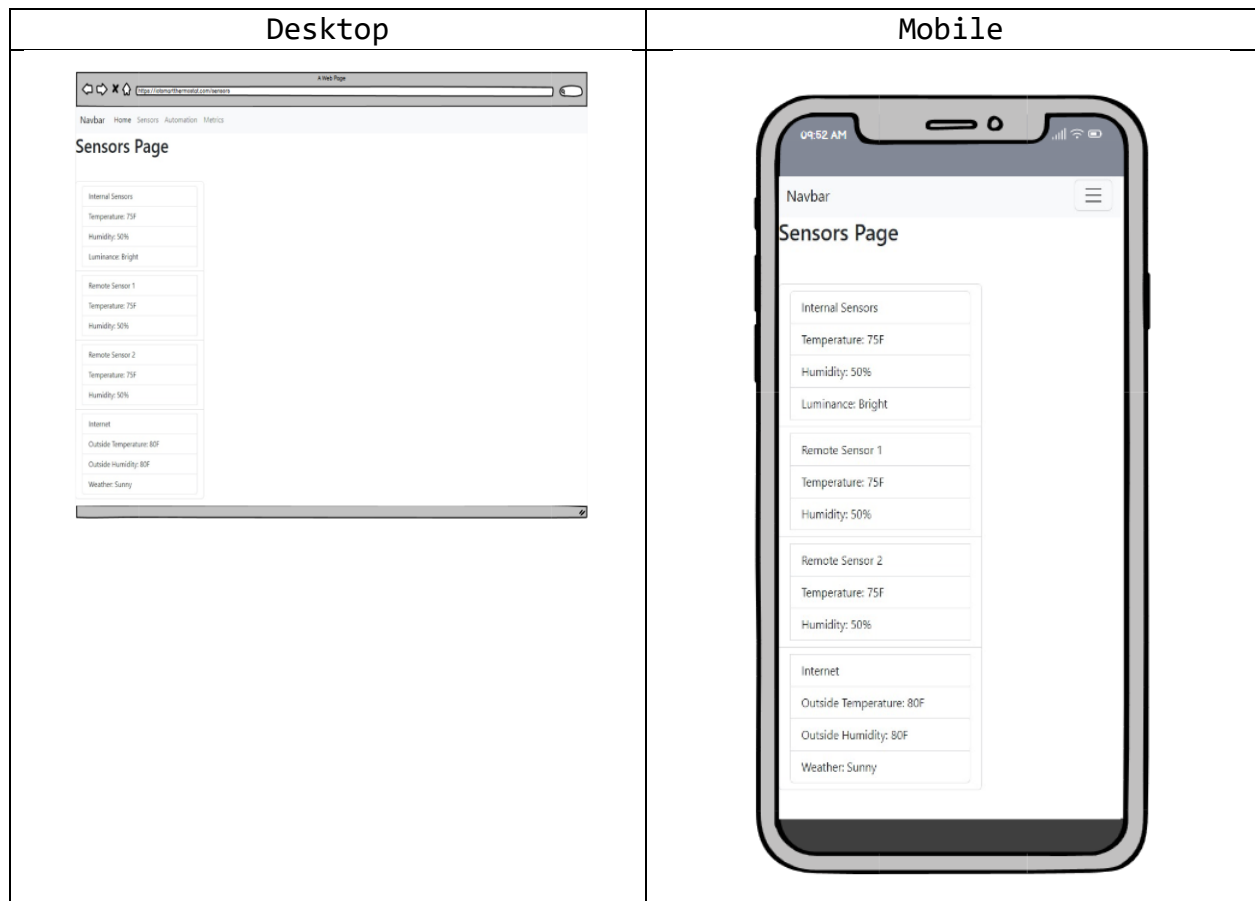Milestone 2

7/5/2023

Revision 1

Home Page

Desktop	Mobile
Navbar Home Sensors Automation **Thermostat** 75	Navbar ☰ Home Sensors Automation **Thermostat** 83

Thermostat

75

Sensors Page

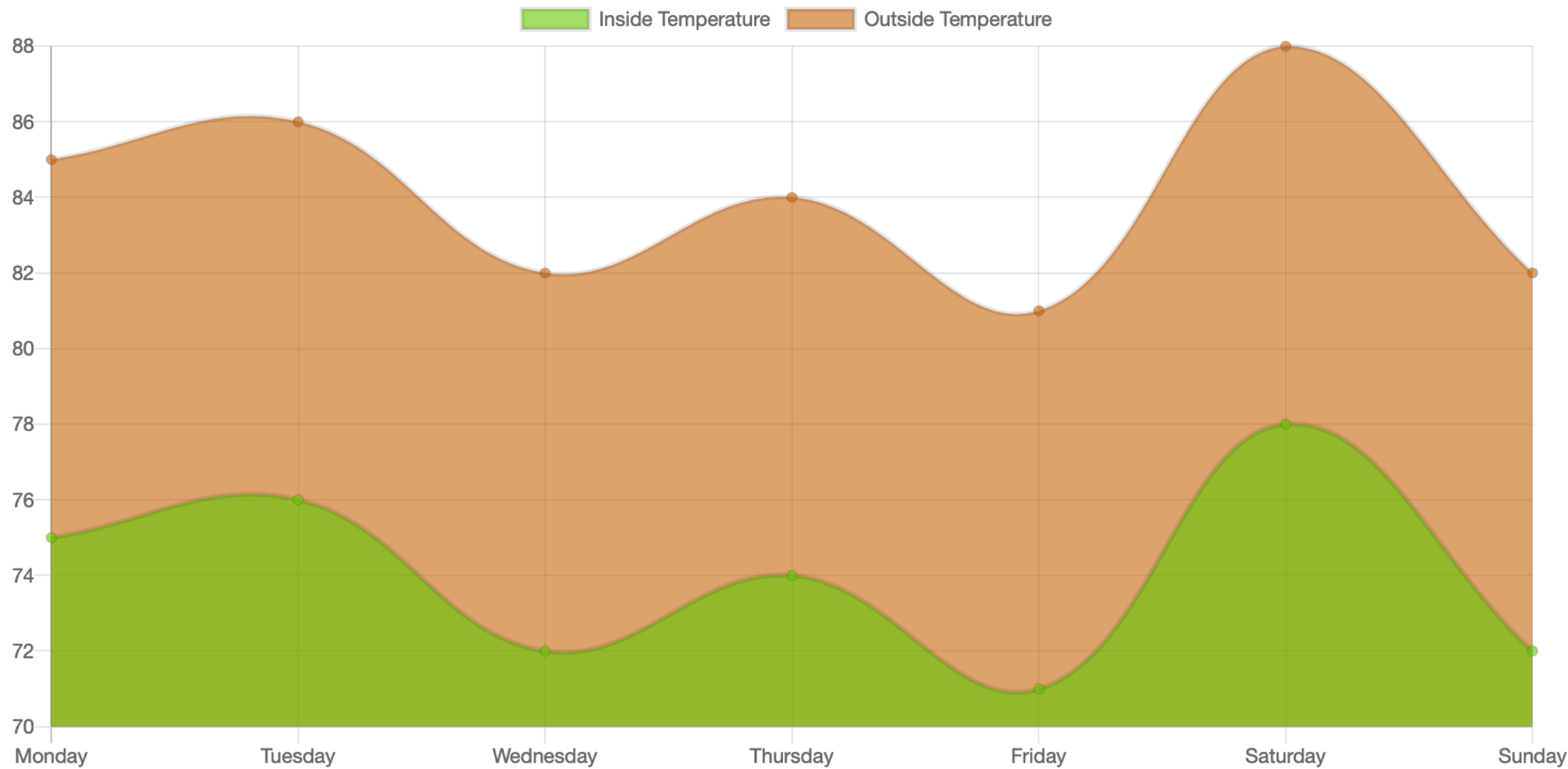| Desktop	Mobile
A Web Page — https://iotsmartthermostat.com/sensors Navbar Home Sensors Automation Metrics **Sensors Page** Internal Sensors Temperature: 75F Humidity: 50% Luminance: Bright Remote Sensor 1 Temperature: 75F Humidity: 50% Remote Sensor 2 Temperature: 75F Humidity: 50% Internet Outside Temperature: 80F Outside Humidity: 80F Weather: Sunny	09:52 AM Navbar ☰ **Sensors Page** Internal Sensors Temperature: 75F Humidity: 50% Luminance: Bright Remote Sensor 1 Temperature: 75F Humidity: 50% Remote Sensor 2 Temperature: 75F Humidity: 50% Internet Outside Temperature: 80F Outside Humidity: 80F Weather: Sunny

Sensors Page

Internal Sensors

Temperature: 75F

Humidity: 50%

Luminance: Bright

Remote Sensor 1

Temperature: 75F

Humidity: 50%

Remote Sensor 2

Temperature: 75F

Humidity: 50%

Internet

Outside Temperature: 80F

Outside Humidity: 80F

Weather: Sunny

Metrics Page

Desktop	Mobile

Metrics Page

Line Chart

Inside Temperature   Outside Temperature

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday

NEW YORK
WEATHER

26°C
clear sky

Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday
33°C 23°C	31°C 25°C	30°C 24°C	29°C 24°C	28°C 23°C	28°C 23°C	26°C 23°C

Automations Page

Desktop	Mobile
	Mobile Apps

Desktop:

A Web Page

https://

Configuration

Eco · Sleep · Comfort

Select Start Time

12:00 AM

Mobile:

Modes

Eco

Sleep

Comfort

Admin Privileged Pages:

(These pages can only be served by the system, the user cannot navigate to these pages by themselves.)

Login Page

Desktop	Mobile

Password

Submit

Configuration Page

Desktop	Mobile
A Web Page https:// **Configuration** Eco Sleep Comfort Select Start Time 12:00 AM	Mobile Apps **Configuration** Sleep Select Start Time 12:00 AM
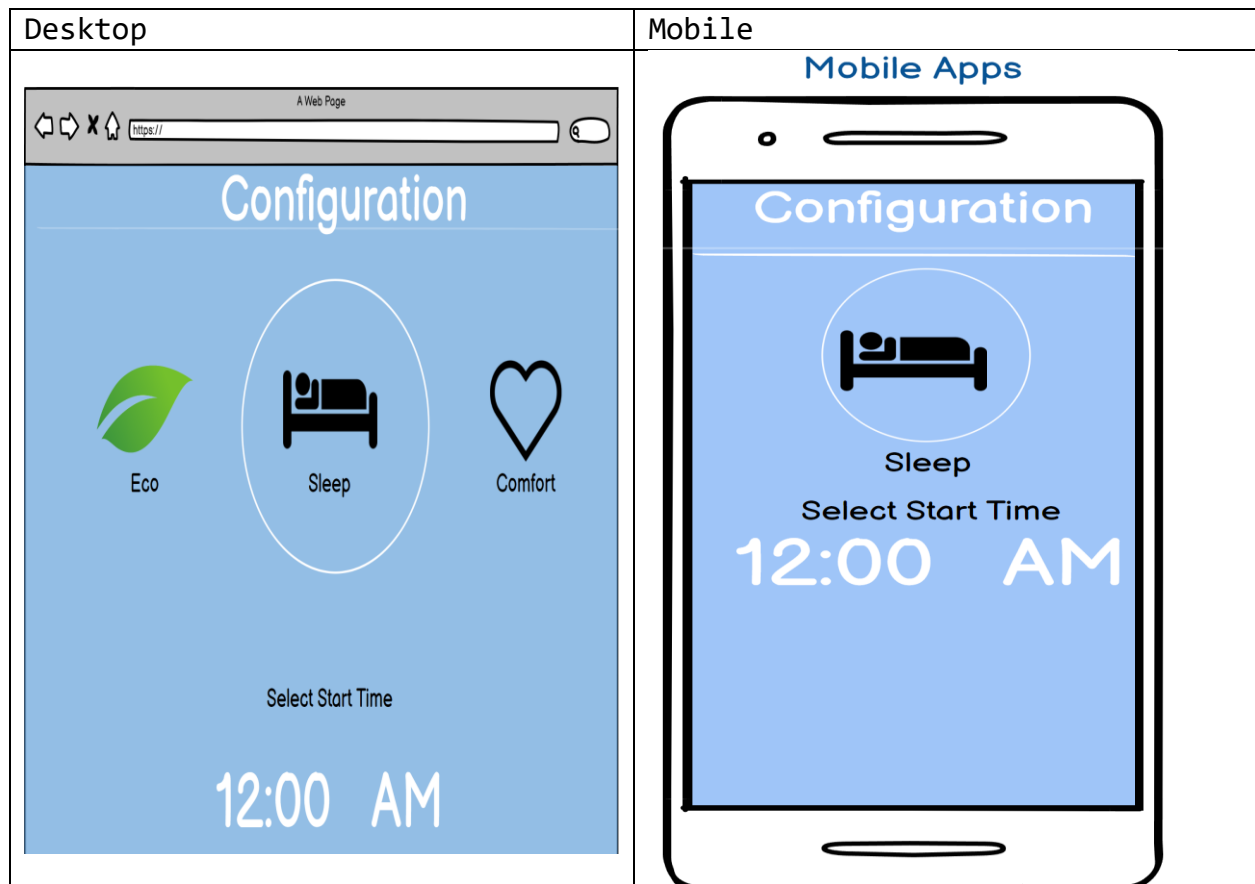
Wireless AP

Name_of_AP

Security

WPA2 ⌄

Wireless Password

••••

System Password

••••

Submit

1   Project Requirements

In this project assignment, you shall create a GUI Mockup using the Balsamiq tool. The mockup services as a "prototype" for requirements elicitation and verification. The GUI mockup should describe the important functionalities of the user interaction for your software system.

2   Detailed Requirements

a) Your GUI Balsamiq mockups should have multiple pages to reflect a relatively realistic "look-and-feel" of your final product

b) Your mockup should be a self-content system that has sufficient information to demonstrate the system's basic functionalities

c) The prototype's logic and physical structure should be consistent with your use case model and product backlog items

d) It is common and acceptable that after you create GUI prototype, you discover problems in your use case model and backlog items. For example, inconsistency of logical and physical structures, missing or redundant components and relationships among them etc. Don't worry about it. You will have a chance to update all the documents in Milestone 5 – Final Project Delivery.

3   Submission

a) Export your Mockup as a single PDF file

b) If you detect any problems in your previous assignments (see 2.e above) while creating your prototype, please modify your previous assignments and reflect the changes in your Milestone 5 final project submission.

c) In a "Readme" file, indicate any updated you have made to the original submissions.

d) Submit the above to Canvas before due date.

4   Grading criteria

1) Realistic – have the "look & feel" of your product   20 points

2) Multiple pages   20 points

3) Sufficient information and basic functionalities   20 points

4) Aesthetically pleasing GUI design   20 points

5) Deliverable   20 points