

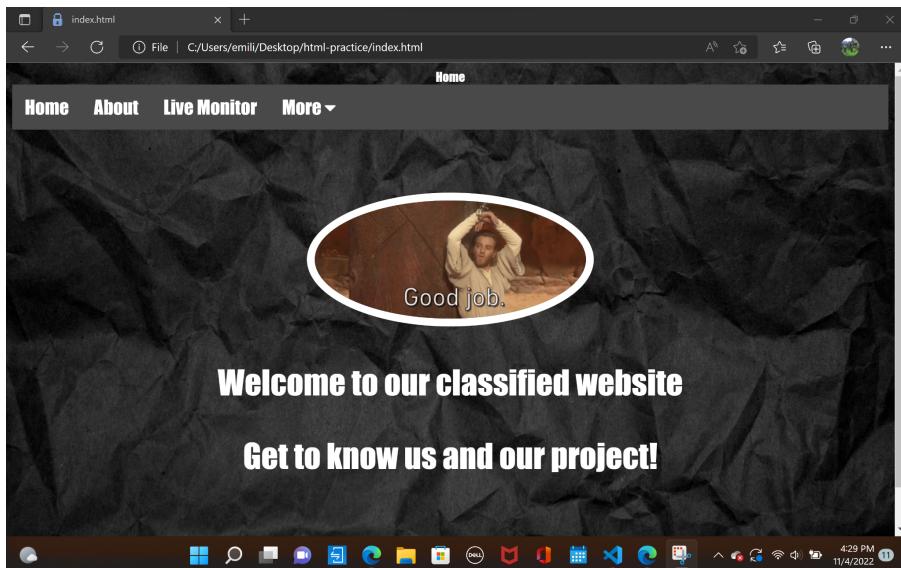
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Professor Joy
COSC 365 - 001
11/03/2022

Progress Report

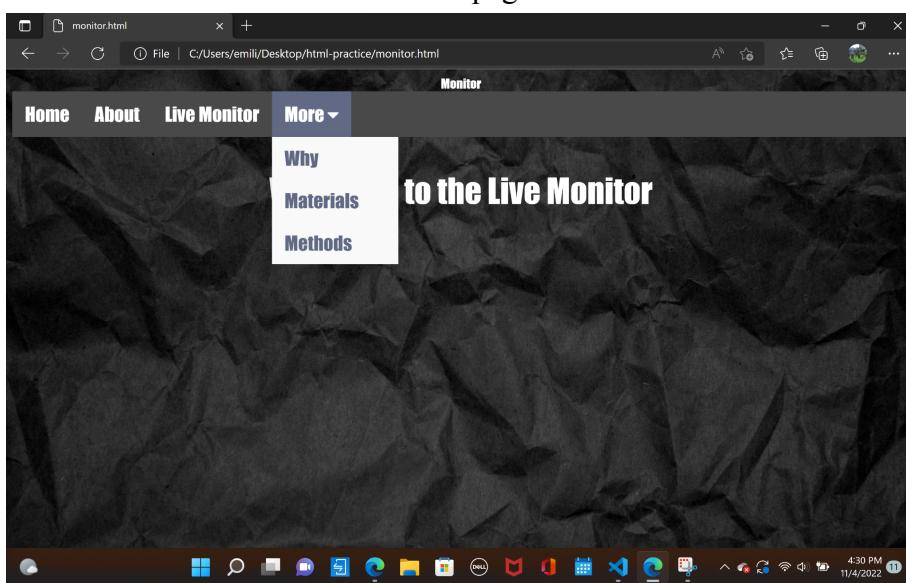
Name : Code Classified

1. Summary of tasks accomplished in this week

This week there was more implementation of the website and its sub pages, so the user would be able to navigate easily.

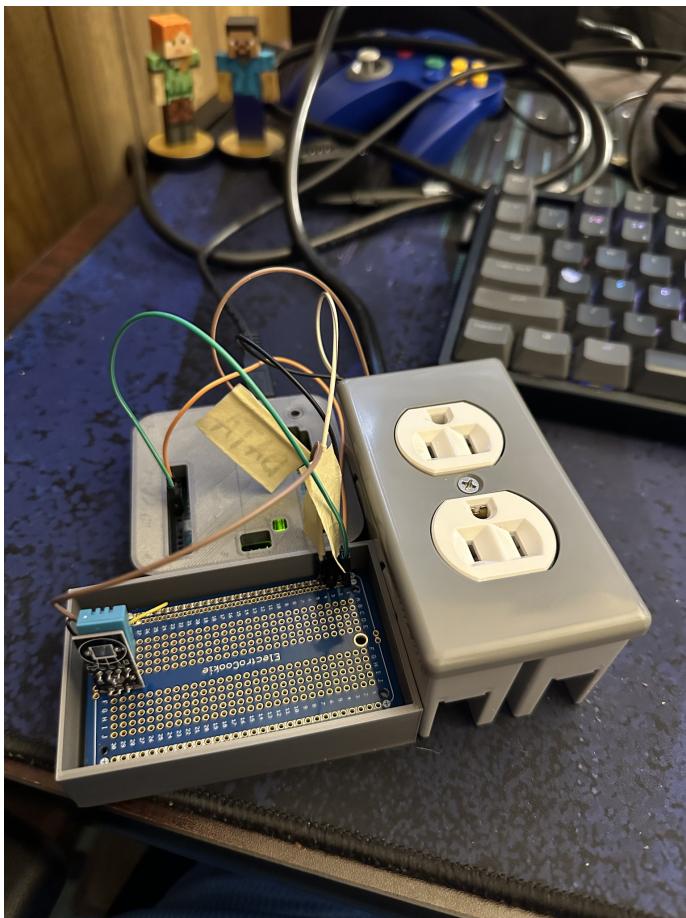


Home page



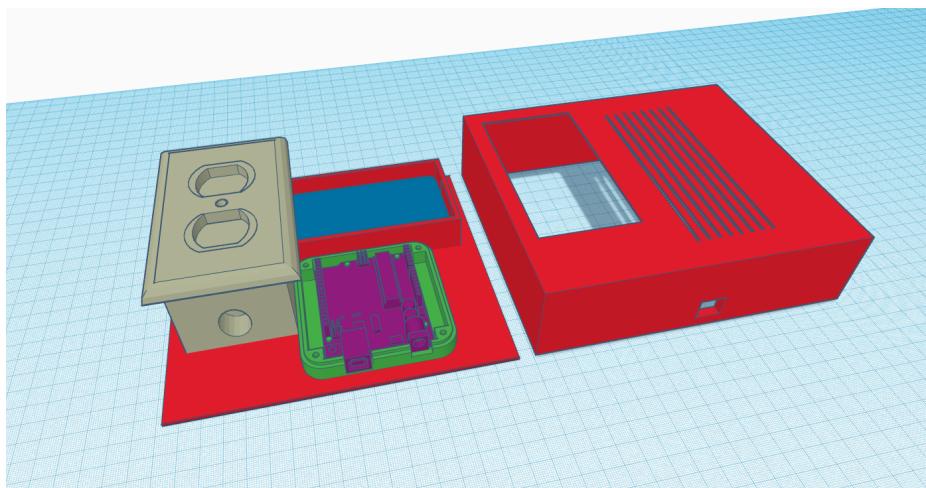
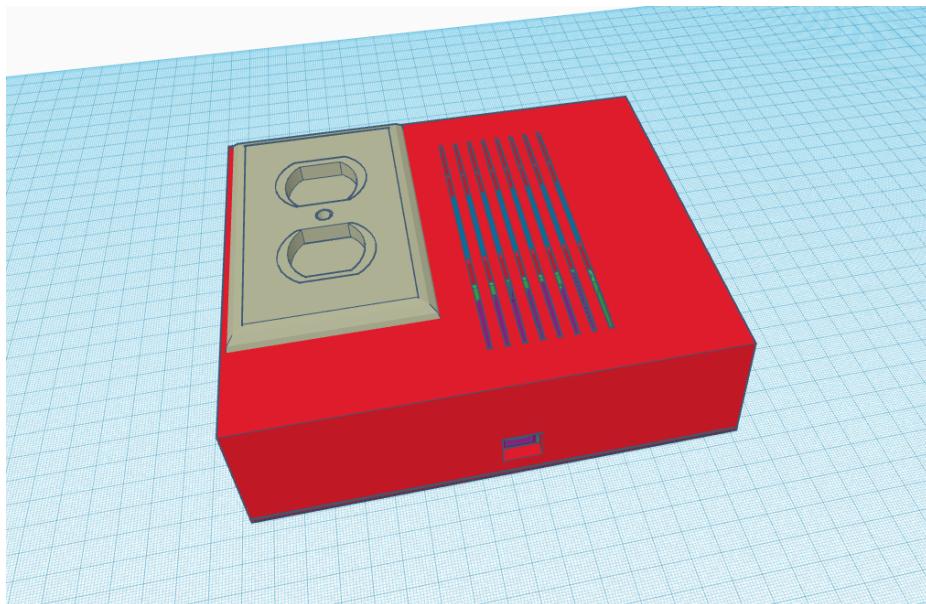
Monitor page and extra sub pages

The DHT11 sensor and 5V relay were soldered to our ElectroCookie mainboard, an enclosure for the Arduino Uno was found on Thingiverse and printed, and an enclosure for the ElectroCookie mainboard was found on Thingiverse and printed as well.



The enclosures and mainboard

Additionally, an enclosure for the different enclosures to sit in was designed and is in the process of printing (estimated 31 hours of print time).



The 3D files for the large enclosure

2. Each team member's contribution for tasks completed

Rob: Soldered the sensor/board, designed/printed the casing

Emilie: Website for project

Pearl: project report/document paper

Faisial: Research

3. Summary of unfinished tasks and reasoning

We haven't linked the monitor to the website as the final hardware setup wasn't done yet.

4. Tasks for the coming week

Linking the live monitor on the website with the arduino outputs of the sensor.
Finish printing the casing for the project.

5. Copy or link of the materials you reviewed this week if there is any

3D Files sourced from Thingiverse:

ElectroCookie enclosure: <https://www.thingiverse.com/thing:4969733>

Arduino Enclosure: <https://www.thingiverse.com/thing:628929>

Notes on humidifier

The presence of water vapor in the atmosphere is referred to as humidity. It greatly influences how warm the air feels to living organisms.

- Average humidity level is between 30 to 40 %
- ultrasonic humidifier