

Presentation - AME Final Project

Phase 1

After setting up Arduino code, begin hosting the server.js file on EC2 after launching the correct instance, this is done the same as using the WeatherStation in the rest of the class

Phase 2

Upload the Arduino code to the microcontroller and the T-Watch connected to the humidity and temperature sensor. Then go to the IP address that belongs to the EC2 instance

Phase 3

Navigate to ip-address:port-number in your mobile device and you will see your website. Example private ip address and port number: 192.168.1.40:8080

You can find the ip-address:port-number in the EC2 Dashboard, this can be printed in the code using html

Phase 4

You will see real-time temperature and humidity data displayed in an easy-to-read format. The data is constantly updated, providing accurate and current environmental information. Based on the temperature data, the app will provide outfit recommendations suitable for the current weather conditions. Outfit suggestions will be displayed on the screen, taking into account both fashion and comfort.