1. Hardware

1.1 Gathering of equipment

1.2 Exploring different types of sensors

1.3 Soldering of equipment

1.4 Configuring hardware with the sensors and tuning them

2. Data collection

2.1 Collection of data

2.2 Analysis of data

3. Creation of Model

3.1 Exploration of classification models

3.2 Evaluating and choosing one classification model

3.3 Training the model

3.4 Uploading the model onto the Arduino.

4. Implementation of UI

4.1 Creating wireframes for flow of the website

4.2 Choosing which graphs to implement and show

4.3 Creating the UI

4.4 Establishing User profiles in the backend for authentication and login

4.4 Connecting with the firebase database that stores the sensor data.