

Collect data

Detect available sensors

Organise data

Label data in real time

Manage data

Store data

Export data

Release 1 | 9

Access microphone

Access accelerometer

Access sensors

Collect "graphable" and "non-graphable" data from

Collect acceleration from accelerometer

Set a label

Generate a sample graph

Store collected acceleration

Store collected microphone

Release 2 | 6

Access camera

Access gyroscope

Collect images from camera

Collect rate of rotation from gyroscope

Store collected GPS

Store collected rate of

This release is more of a proof of concept

MVP (end of semester?) | 33

Detect and access

Detect and access

Detect and access gyroscope

Detect and access barometer

Detect and access

Detect and access camera

List available sensors on a user's device

Allow the user to pick desired sensors

Collect direction from

Collect acceleration from accelerometer

Collect rate of rotation from gyroscope

Collect pressure from

Collect data from microphone

Collect video from the camera

Only collect data from selected sensors

Label data from list of labels

Label data with new label

Generate and update a graph for magnetometer direction

Generate and update a graph for acceleration in real-time

Generate and update a graph for gyroscope rate of rotation data in real-time

Generate and update a graph for barometer pressure in

Generate and update a graph for microphone data in real-

Only generate graphs for selected sensors

Store collected magnetometer direction

Store collected acceleration

Store collected rate of

Store collected pressure data

Store collected audio data

Store collected videos

Only store data for selected

Generate CSV file with data which can be stored in this

Export CSV file with data which can be stored in this

Export data which can't be stored in a CSV

Release 4 | 4

Detect and access Wifi signal strength, temperature, humidity, ambient light,

Collect data from Wifi signal strength, temperature, humidity, ambient light,

Generate graphs for Wifi signal strength, temperature, humidity, ambient light,

Store Wifi signal strength, temperature, humidity, ambient light, proximity and