

**Meeting Topic:** Project Progress

**Location:** 115

**Week:** 1

**Date:** Tuesday August 27, 2024

**Time:** 12:30-1:00

**Attendance:**

- Ahmad Al-Ibrahim
- Aysha Al-Suwaidi
- Noora Al-Muhannadi
- Noof Al-Meghessib
- Ibrahim Al-Naimi

**Agenda:**

- Get back on track on project progress.

**Actions:**

- Make sure everyone is on track.
- Discuss with Mentor to agree on meeting timings.
- Note the progress, and what we should start working on.

**Meeting Topic:** Lab progress

**Location:** Lab 024

**Week:** 1

**Date:** Wednesday August 28, 2024

**Time:** 3:35-4:30

**Attendance:**

- Ahmad Al-Ibrahim
- Aysha Al-Suwaidi
- Noora Al-Muhannadi
- Noof Al-Meghessib
- Ibrahim Al-Naimi

**Agenda:**

- Get back on track on project progress.

**Actions:**

- Adjust and verify codes.
- Complete working on codes.
- Ahmad, and Ibrahim work on tremor sensors.
- Noora, Noof, and Aisha work on heart rate/spo2 sensors.

**Notes:**

- Decided to stick on to meetings at Sunday 12pm, and Wednesday 1pm each week.

**Meeting Topic:** Project Progress

**Location:** 024

**Week:** 2

**Date:** Wednesday September 4, 2024

**Time:** 3:35-4:30

**Attendance:**

- Ahmad Al-Ibrahim
- Aysha Al-Suwaidi
- Noora Al-Muhannadi
- Noof Al-Meghessib
- Ibrahim Al-Naimi

**Agenda:**

- Complete Lab work.

**Actions:**

- Adjust and verify codes.
- Complete working on codes.
- Ahmad, and Ibrahim work on tremor sensors.
- Noora, Noof, and Aisha work on heart rate/spo2 sensors.

**Meeting Topic:** Code progress

**Location:** 024

**Week:** 3

**Date:** Sunday September 8, 2024

**Time:** 3:35-4:30

**Attendance:**

- Ahmad Al-Ibrahim
- Aysha Al-Suwaidi
- Noora Al-Muhannadi
- Noof Al-Meghessib
- Ibrahim Al-Naimi

**Agenda:**

- Finalize codes.

**Actions:**

- Change the time of reading data to 10ms.
- Make sure codes are working and reading well.
- Ahmad and Ibrahim worked on thingspeak to transmit data to the cloud.

**Notes:**

- Start reading on how to transmit data.

**Meeting Topic:** Data transmission progress

**Location:** 024

**Week:** 3

**Date:** Tuesday September 10, 2024

**Time:** 3:35-4:30

**Attendance:**

- Ahmad Al-Ibrahim
- Aysha Al-Suwaidi
- Ibrahim Al-Naimi

**Absence:**

- Noora Al-Muhannadi
- Noof Al-Meghessib

**Agenda:**

- Work on cloud.

**Actions:**

- Transmit data to the cloud.
- Heart rate is not getting any response.

**Notes:**

- Start looking for other solutions, or try to find the problem.

**Meeting Topic:** Data transmission progress

**Location:** 024

**Week:** 4

**Date:** Sunday September 15, 2024

**Time:** 3:35-4:30

**Attendance:**

- Ahmad Al-Ibrahim
- Aysha Al-Suwaidi
- Noora Al-Muhannadi
- Noof Al-Meghessib
- Ibrahim Al-Naimi

**Agenda:**

- Find a solution for heart rate reading.

**Actions:**

- Tried separating heart rate/ spo2 than tremor.
- Went to Dr. Botrous to get help, as there was an issue with the code.
- Start dividing work of the presentation between group members.

**Notes:**

- Look forward to the next step of project progress.

**Meeting Topic:** Presentation revision

**Location:** 116

**Week:** 4

**Date:** Tuesday September 17, 2024

**Time:** 11:00-11:30

**Attendance:**

- Ahmad Al-Ibrahim
- Aysha Al-Suwaidi
- Noora Al-Muhannadi
- Noof Al-Meghessib
- Ibrahim Al-Naimi

**Agenda:**

- Revise the presentation

**Actions:**

- Change some numbers of thresholds.
- Add a timer to make sure not to exceed 10 mins.
- Every team member had the chance to present their parts of the presentation.

**Notes:**

- Presentation should not exceed 10 minutes.

**Meeting Topic:** Demo Day

**Location:** 024

**Week:** 4

**Date:** Wednesday September 18, 2024

**Time:** 12:30-6:30

**Attendance:**

- Ahmad Al-Ibrahim
- Aysha Al-Suwaidi
- Noora Al-Muhannadi
- Noof Al-Meghessib
- Ibrahim Al-Naimi

**Agenda:**

- Make sure everything is ready for tomorrow's Demo Day.

**Actions:**

- Noora, Noof, and Aysha worked on the wristband.
- Ahmad and Ibrahim finalize the final cloud code, run code and make sure numbers are reliable.
- Connect the wristband to the cloud and make sure readings and working correctly.

**Notes:**

- Be ready for the first demo tomorrow at 12pm.



**Meeting Topic:** First Demo Day

**Location:** 024

**Week:** 4

**Date:** Thursday September 19, 2024

**Time:** 12:00-1:00

**Attendance:**

- Ahmad Al-Ibrahim
- Aysha Al-Suwaidi
- Noora Al-Muhannadi
- Noof Al-Meghessib
- Ibrahim Al-Naimi

**Agenda:**

- First Demo Day with Instructor and Mentor.

**Actions:**

- Make sure everything is ready to be run and checked by Instructors and Mentors.

**Notes:**

- Transfer the data faster to 5s.
- October 2nd, First version of app.
- Try Changing the heart rate sensor, as it might read faster.

**Meeting Topic:** Project Progress

**Location:** 024

**Week:** 5

**Date:** Sunday September 22, 2024

**Time:** 1:00-3:30

**Attendance:**

- Ahmad Al-Ibrahim
- Aysha Al-Suwaidi
- Noora Al-Muhannadi
- Noof Al-Meghessib
- Ibrahim Al-Naimi

**Agenda:**

- Work on notes from Instructor and Mentor.

**Actions:**

- Made the data collection faster.
- Start looking for ways to initialize the app.
- Failed to change the sensor, as our sensor is more easy and reliable.

**Notes:**

- Transfer the data faster to 5s.
- October 2nd, First version of app.
- Try Changing the heart rate sensor, as it might read faster.

**Meeting Topic:** Data Collection

**Location:** 024

**Week:** 5

**Date:** Tuesday September 24, 2024

**Time:** 1:00-3:30

**Attendance:**

- Ahmad Al-Ibrahim
- Aysha Al-Suwaidi
- Noora Al-Muhannadi
- Noof Al-Meghessib
- Ibrahim Al-Naimi

**Agenda:**

- Start collecting data.

**Actions:**

- Make everything ready to start collecting data.
- A team member volunteered to use the wristband and started to collect some data ( around 150 readings for now.)

**Notes:**

- Save the data as a CSV file.
- Some numbers were not reliable, so they should be removed.
- October 2nd, First version of app.

**Meeting Topic:** Updates

**Location:** Zoom meeting

**Week:** 6

**Date:** Sunday September 29, 2024

**Time:** 11:00-11:30

**Attendance:**

- Ahmad Al-Ibrahim
- Noora Al-Muhannadi

**Absence:**

- Aysha Al-Suwaidi
- Noof Al-Meghessib
- Ibrahim Al-Naimi

**Agenda:**

- Update Mentor with last progress of project.

**Actions:**

- Ask any questions.
- Talk about the different possibilities to start machine learning.

**Notes:**

- Start initializing the app.
- Calculate the frequency in the tremor part.
- Make the tremor reading 50-60 samples per second as it's fast.

**Meeting Topic:** Machine Learning

**Location:** 105

**Week:** 6

**Date:** Sunday September 29, 2024

**Time:** 1:00-4:30

**Attendance:**

- Ahmad Al-Ibrahim
- Aysha Al-Suwaidi
- Noora Al-Muhannadi
- Noof Al-Meghessib
- Ibrahim Al-Naimi

**Agenda:**

- Start working on machine learning.

**Actions:**

- Start getting more readings of the sensors.
- Initialize the code that will be used in the machine learning part using python.

**Notes:**

- Save the data as a CSV file.

**Meeting Topic:** Finalizing code

**Location:** Zoom meeting

**Week:** 7

**Date:** Sunday October 5, 2024

**Time:** 11:00-11:30

**Attendance:**

- Ahmad Al-Ibrahim
- Aysha Al-Suwaidi

**Absence:**

- Noof Al-Meghessib
- Ibrahim Al-Naimi
- Noora Al-Muhannadi

**Agenda:**

- Finalize code and start code, with machine learning.

**Actions:**

- Talk about the mistakes of implemented code.
- Results of code should be correct.

**Meeting Topic:** App development

**Location:** Zoom meeting

**Week:** 7

**Date:** Wednesday October 9, 2024

**Time:** 1:00-1:30

**Attendance:**

- Aysha Al-Suwaidi
- Noora Al-Muhannadi
- Noof Al-Meghessib
- Ibrahim Al-Naimi
- Ahmad Al-Ibrahim

**Absence:**

- Noora Al-Muhannadi

**Agenda:**

- Show progress and discuss.

**Actions:**

- Ask questions.

Talk about the next steps to consider.

**Meeting Topic:** Project Progress

**Location:** Zoom meeting

**Week:** 8

**Date:** Wednesday October 23, 2024

**Time:** 1:00-1:30

**Attendance:**

- Aysha Al-Suwaidi
- Noora Al-Muhannadi
- Noof Al-Meghessib

**Absence:**

- Ibrahim Al-Naimi
- Ahmad Al-Ibrahim

**Agenda:**

- Show progress and discuss.

**Actions:**

- Ask questions.
- Talk about the next steps to consider.