Year 2 Project (ELEC222/273) – *Supervisor meeting – Week 2*

Date: 6/2/2023   Supervisor: Dr. D. McIntosh

Project Title: Wearable Sensor

Student Names /Attendees:	1. Yixiao Shen	2. Jiajun Guo
3. Qi Zhou	4. Jack Brissenden	5. Canning Charles Thomas

Summary of week's activities:

Last week, 1. able to fetch data from single IMU.

2. support 2.4G Wi-Fi connection.

3. a simple displaying engineer using THREE.JS was built for all kinds of joint-connections.

4. a simple HTTP sever on MacOs was built for transmitting data in a local area network.

Problem, issues and concerns:

① Due to MRS's own assignments, the progress of hardware system was affected (new deadline has been postponed to this Friday).

② One solved problem is that the Arduino Uno Wifi REV2 only supports 2.4G, where we have downgraded the 5G network to 2.4G one in the router.

③ One problem detected is that improper Arduino IDE version may lead to burning/failure: the Arduino Nano Every is incompatible with the 2.0.3 version.

Tasks for next week/Actions for next meeting:

Hardware : send multiple IMUs' data to server.

Software : receive the data and forward them to requestors (no modelling right now)
The main aim is to build a whole clean channel,

Better installtion :) model & build the 3D-printing part.
check the 3rd component order list.