

## **Minutes, Company 1**

**Date: 2022-08-05**

**In-person attendees** –Anika Sheikh, Adham Sorour, Riku Makita, Dylan Rowsell, Harley McLachlan

**Remote attendees** – None

**Absent:** Ramanpreet Kaur

**Location:** Lab 1, 8888 University Drive, SFU

**Regret:** None

**Purpose:** Prepare and test the device for final ENSC405W demo

### **Minutes:**

Meeting started at 1:53PM by Dylan

#### **A. ESP(microcontroller) burnt**

- ESP burnt detected by laptop terminal
- Reason unknown
  - o Wires might have shorted
  - o Need to check voltage

#### **B. Testing Notes**

- When registering tags turn scanning power to 10% - for prototype
- Detection is very inconsistent
- Things tried
  - o Different angles
    - Top of the door so it scans the person underneath
    - On the floor so it scans the person upward
    - Waist level with rotation to different angles
  - o Need to order battery assisted tags
- Tags do not work with phone
- Tag do not work if against skin or water

#### **C. Things to do before next meeting**

- Work on the slides for the demo
- Order battery assisted tags – Raman
- Make video for the demo

#### **D. Next Meeting**

- Wednesday, 2022-08-10 at Ramanpreet Kaur's House

Meeting adjourned at 5:02PM