Group 5

MEETING AGENDA

Meeting Time: 12:30 PM	Location: Lib 2012, SFU	Date: 19/09/2019

Meeting called by	Jerry
Kind of Meeting	ReDemo Prep
Facilitator	Jerry
Note Taker	Jeff
Time Management	Jerry
Attendees:	Keith, Scott, Ryne, Jeffery, Jerry

Topics

Time	Discussion Topic	Presenter	Deadline
12:30 PM	ReDemo discussion	All	
1:30 PM	Case design review	Ryne	

Notes:

MEETING MINUTES

1. ReDemo (20mins)
    a. 3 ESP, 1 mini, No wifi; Only serial
    b. Testing serial tomorrow
    c. 1 page documents for timing
2. Hardware
    a. Keith & Jerry to test Multitag
        i. Add short address to anchorRangeAccept
        ii. Original anchor/beacon method
    b. Calibration/Optimization
        i. Change data structure parameters
        ii. Set range manually to calculate time delay index
    c. Wifi
        i. Local network for beacons to server
    d. Chips (Cheapest -> Expensive)
        i. Pro mini + 8266*
        ii. Pro mini + pi zero (+ add wifi module) or pi zero w
        iii. Pro mini + sbc-wifi
        iv. Esp32 + sbc-wifi
    e. Charging
        i. Might not be enough power for the USB hub and other usb key
    f. Stands for the Beacons
        i. Wheel on stands with Beacons
        ii. Aluminum crossbar stand with beacons at top
3. Design Review
    a. Ryne present 3d case designs

Action Items	Person Responsible	Deadline
Handle ToF & RSSI	Scoot Scoot	Weds, Sep 25th
Design Beacon CAD structure	Ryan	