Team Name: Smart Park

Date of Submission: 02/20/22

Meeting Date & Time: 02/20/22

Meeting Location: John Bardo Main Lobby

Meeting Duration: 60 mins

|  |  |  |
| --- | --- | --- |
| Team Members | X = Present | Notes |
| Martin Kariuki |  |  |
| Alexander Chiem | x | Physical attendance |
| Max Burrell |  |  |
| Damian Avery |  |  |
|  |  |  |

Progress:

We are currently focusing on our specific tasks at the moment.

Damian Avery:

I have been attempting to check the signal integrity by turning on the Hi Power mode. While I am doing this, I cannot fully verify this, because we are not able to get access to the LoRa network.

Martin Kariuki:

After the meeting, we felt that the Time of Flight sensor is fine. As for the magnetometer, I shall look into alternatives that works better for our case.

Alexander Chiem:

I have thought about the general shape and installation of the casing. I have not made any certain dimensions, because I have not heard much certainty of the battery and solar.

Max Burrell:

Alex and I discussed energy solutions and will look into a power regulator that can connect a battery and solar panel to the main board.

Project Tracking (current work): Assignments and activities are to be tracked until completed.

|  |  |  |  |
| --- | --- | --- | --- |
| Team Member | Assignment | Due Date | % Complete |
| Alex Chiem | Casing (research phase) | 03/12/2022 | 5% |
| Damian Avery | Signal integrity and repackaging | 02/25/2022 | 5% |
| Martin Kairuki | Sensor package verification | 02/25/2022 | 5% |
| Max Burrell | Battery and Solar panel | 02/25/2022 | 5% |

Plan (future work):

|  |  |
| --- | --- |
| Assignment | Due Date |
| Cohesiveness of individual efforts | 02/26/22 |
| Testing of any repackaging | 03/05/2022 |
| Data collection and recording | 03/03/2022 |

Issues:

No issues at this time.

Include the schedule for the next meeting:

Meeting Date & Time: 02/27/2022 5:00pm

Meeting Location: John Bardo Main Lobby