Team Name: Smart Park (EE)

Date of Submission: 03/27/22

Meeting Date & Time: 03/21/22 5:30pm

Meeting Location: Via Teams

Meeting Duration: 30 mins

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

Progress:

After getting our deliverables green-lit, we are back to looking through our respective responsibilities. We are also doing our Technical Peer Reviews (currently finished being reviewed by 1 of 2 teams and reviewing 1 of 2 teams).

Damian Avery:

Since I am not able to access WSU’s gateway, I am currently setting up our own gateway using the RAK gateway that connects to a Raspberry Pi so I can continue with my signal integrity analysis.

Martin Kariuki:

I am continuing to collect data form the sensors. We initially spoke about obtaining alternate sensors to test, but I feel like this is not needed based on the idea of Senior Design.

Alexander Chiem:

I rewrote my deliverables since it was rated a ‘moderate to high’ probability of failure. The objectives are still the same, so I have been looking at a fairly realistic power consumption scenario to start choosing components to discuss and obtain to test out.

Max Burrell:

I am still researching a power and solar solution. I have looked into various solutions, but it is in the initial stages of what components to choose to make a competent power package.

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

|  |  |  |  |
| --- | --- | --- | --- |
| Team Member | Assignment | Due Date | % Complete |
| Alex Chiem | Compiling power system choices | 03/12/2022 | 50% |
| Damian Avery | Getting the gateway to operate | 04/02/2022 | 50% |
| Martin Kairuki | Sensor Data Collection | 04/02/2022 | 50% |
| Max Burrell | Compiling power system choices | 04/02/2022 | 35% |

Plan (future work):

|  |  |
| --- | --- |
| Assignment | Due Date |
| Continue with signal analysis | 04/09/22 |
| Make a choice for power system to procure | 04/16/22 |
| Continuation of Data Collection | 04/16/22 |

Issues:

So the roles did not change as much, but we currently have no issues.

Include the schedule for the next meeting:

Meeting Date & Time: 04/03/2022 5:00pm

Meeting Location: John Bardo Main Lobby