Team Name : PiPeWan

Date of Submission : 9/25/21

Meeting Date & Time 1: 09/22/21 06:00 pm

Meeting Date & Time 2: 09/25/21 11:00 am

Meeting Location : Teams

Meeting Duration 1 : 2.0 hrs  
Meeting Duration 2 : 1.75 hrs

|  |  |  |
| --- | --- | --- |
| Team Members | X = Present | Notes |
| Mohammad Daoud | X |  |
| Edgar Chavez | X |  |
| Aron Wiley | X |  |
| Alex Rossillon | X |  |

# Progress

Team accomplishments for the week

*A short narrative, typically 1-2 paragraphs, should include decisions made by the team as a result of the team discussions, and how the team arrived at the decision.*

For this week, we had two extensive meetings where we worked on the project planning paper. Throughout the process we decided on how we will proceed. It helped us become more familiar with our strengths and weaknesses, and we decided how we will mitigate them. We also decided on other project aspects such as metrics, configuration of hardware and software, software development model, documentation, and finally structured a tentative schedule for this semester’s work.

Individual contributions

*A brief narrative (1-3 sentences) made by* ***each team member*** *summarizing their respective activity for the past week.* ***NOTE:*** *Missing the meeting without advanced notice, making no contributions to the meeting, or missing two team meetings could result in a zero for any team assignments.*

Mohammad

This week, I worked with my group on the project planning paper across two meetings we had. I did more extensive research on the ins and outs of LoraWan such as its architecture, implementations, and devices. I still need to do some more research on LoraWan and sensors relevant to our project.

Edgar

For this week we are still waiting for the LoRaWan information, and I worked with the team to finalize our project planning paper over the span of two meetings. I was also able to start familiarizing myself with C# syntax since that will be our choice of programming language. We still need to research the type of sensors we will want to use for our project.

Aron

This past week I briefly met with coach asking him about LoRaWan information, we are currently still waiting on access to the servers. I also worked on the project planning paper with the group, we worked on this paper together over teams. I also researched a bit more software implementations for the project.

Alex

This week I met with the team twice to work on the project planning paper. Our meetings were thorough, and we made a lot of progress. I did some writing for the team’s strengths and weaknesses, Bill of Materials, and project schedule.

# Project Tracking

*Tasks which are actively being worked on.*

|  |  |  |  |
| --- | --- | --- | --- |
| Team Member | Assignment | Due Date | % Complete |
| Mohammad | Be more familiar with the architecture of LoRaWan network infrastructure and how to integrate it with our sensors. More research on sensors we’ll need for this project. | 10/02 | 30% |
| Edgar | Continue research on types of sensors for our program. Continue familiarization with C# syntax. Research user interface integration with Linux. | 10/02 |  |
| Aron | Research/start a basic program, research different ways to make user interfaces that work in Linux. |  |  |
| Alex | Dual boot/ virtualize Linux operating system and become familiar with programming a UI in Linux. | 09/03 | 0% |

# Plan

*Future work. A brief description of the tasks and activities the team needs to accomplish over the coming weeks. As team members pick up assignments, move from this table to the tracking table. Consider future work a running task-list with an expected due date for completion.*

|  |  |
| --- | --- |
| Assignment | Due Date |
| Research/start a basic program | 10/02 |
| Finalize hardware choices |  |
| Research user interface integration with Linux | 10/02 |
| Research more on sensors and LoraWan | 10/02 |
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# Issues

*Include a brief description of issues the team has encountered, and potential resolutions for the issues. If the team would like staff to help with the issues, this is the appropriate place to request assistance.*

# Next Meeting

Date & Time : 09/25/21 11:00 am

Location : Teams