Team Name : PipeWan

Date of Submission : 02/12/22

Meeting Date & Time : 02/06/22 10:00 am

Meeting Location : Teams

Meeting Duration : 1.5 hrs

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

# Progress

Team accomplishments for the week

This week we worked on updating our Work Statement Execution Plan and working on our project figuring out what we needed to get started on. From this we changed some of our priorities on what we need to work on, deliverable goals, and some changes to how we will test our devices.

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 team on the work statement execution plan. Also, I investigated relays that can be used to support dual batteries.

Edgar

This week I worked on our Work Statement Execution Plan and brainstormed a few extra features to add to our interface. Looked into different pressure sensors and determining how to add the SQL database to our application.

Aron

This week I worked on updating the Work Statement Execution Plan. Figuring out what specially we needed to update in our statement.

Alex

This week I updated the PC application. I refactored and worked on adding features to the graphs such as scrolling and zooming.

# Project Tracking

*Tasks which are actively being worked on.*

|  |  |  |  |
| --- | --- | --- | --- |
| Team Member | Assignment | Due Date | % Complete |
| Mohammad | Help in connecting node to LoRaWan, scout the building for further hardware installations. Research and obtain suitable battery relays. | 2/20 | 0% |
| Edgar | Create SQL database, features, and integrate to our application. | 2/26 | 0% |
| Aron | Update LoRaWan connection and get SparkFun Pro RF connected. | 2/19 | 10% |
| Alex | Makes graphs scroll & zoom. Make sure graphs don’t slow down with >1000 datapoints. Change Max/Mins on the axis based on the highest and lowest received values. Implement way to clear. | 2/19 | 15% |

# 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 |
| Connect SparkFun Pro RF to LoRaWan network | 2/20 |
| Research and choose a relay for backup batteries | 2/20 |
| Create SQL database on server | 2/20 |
| Continue improvements for UI | 2/20 |
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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 : 2/16/22 2:00 pm

Location : Jonh Bardo Center