Team Name : PiPeWan

Date of Submission : 11/14/21

Meeting Date & Time : 11/14/21 6:00 pm

Meeting Location : Teams

Meeting Duration : 1 hr.

|  |  |  |
| --- | --- | --- |
| 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.*

This week our group interviewed three people for the Product Reflection Paper, we asked them questions about our project, including what they thought, the viability of our project, anything that they would change, and anything that they would suggest us look into. This was very helpful for our project because we got a lot of feedback about what outside people think of our project.

We also got the rest of the hardware in, and we are connecting it up to create a basic prototype. This will be useful for demonstrating what our project is capable of. The hardware we got includes temperature sensors, and flow sensors.

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

For this week I interviewed Robert Evans who is an Electrical Engineer working at NIAR’s Robotics and Automation Lab. He was very insightful and informative, and he pointed out various concerns and directions about the project. Throughout the meeting he gave us solutions to some of the problems we might face and we changed our design and testing phase accordingly. The feedback received was instrumental and showed that our project is in need. I handed the hardware to my team and we started integrating all pieces together for the initial prototype.

Edgar

For this week I worked with the team to set up our interviews for our product reflection paper. As well as editing the document for the product reflection paper. All the feedback was very useful and will help to fine tune our project and possibly add a few more features in the foreseeable future.

Aron

This week I worked on interviewing Garrett, an Aerospace Engineer working at NIAR Robotics and Automation, for our Product Reflection Paper. Interviewing Garrett went well, he had some helpful information that he was able to share with us alongside some concerns that he had for our project. We have taken the information he gave us and changed a few aspects of our design. I have also worked on integrating the sensors into the SparkFun Pro RF.

Alex

I set up a meeting with Robert Evans and met with him in the JBC. We talked for about 45 minutes about the project and he gave us a lot of good advice. I also did some planning for the public demo and started looking into modelling an enclosure.

# Project Tracking

*Tasks which are actively being worked on.*

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| --- | --- | --- | --- |
| Team Member | Assignment | Due Date | % Complete |
| Mohammad | Work on prototype with team. Prepare for product showcase. | 12/3 | 30% |
| Edgar | Work on prototype with team. Preparing for the product showcase | 12/3 | 30% |
| Aron | Node housing, node programming. Preparing for product showcase. | 12/3 | 30% |
| Alex | Programming on the Sparkfun Pro RF. | 11/07 | 25% |

# 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 |
| Build prototype | 12/3 |
| Test prototype | 12/3 |
| Prepare showcase requirements (slides, video, etc...) | 12/3 |
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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 : 11/21/21 11:00 pm

Location : Teams