Team Name : PipeWan (Previously FiReWan)

Date of Submission : 09/11/21

Meeting Date & Time : 09/11/21 11:30 am

Meeting Location : Teams & Discord

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

*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, after a discussion with Coach Allen, we decided to change the direction of the project from monitoring fire sprinklers to monitoring pipe conditions for building owners. This decision was based upon the complexity of fire regulations and permissions to install such sensors on water sprinklers. We decided on how the app will operate and what conditions will be monitored.

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 met with Coach Allen along with my teammates and decided to tweak the project idea. We decided on monitoring pipes for building owners. I suggested some methods we might use to monitor each condition such as temperature, pressure, and water flow. We’ll be using a computer app to provide feedback for homeowners on their pipe conditions. I plan on doing research on relevant sensors for this project and where to best use them.

Edgar

This last week we met with Coach Allen and discussed our project. He suggested alternatives to monitoring fire systems due to the complexity and regulations involved. I was expanding on some of these ideas during the team meeting, such as monitoring all kinds of pipes in any kind of building for temperature, pressure, and flow rate.

Aron

This past week I was thinking about the project, and where we can go with it. We have determined that we are going to monitor pipes and send out information to building owners. We discussed the possible ways of monitoring the pipes, such as temperature, flow, and what we can do to help prevent emergency situations where pipes burst. I also met with coach Allen to talk about the project.

Alex

I considered alternatives to fire sprinkler monitoring. Coach Allen and Andy suggested monitoring pipes which don’t have such strict fire-code requirements. I discussed my experience with frozen pipes and reiterated the importance of keeping empty buildings warm in the winter without wasting electricity by making them warmer than necessary. There were good discussions on future features which could be added to the product but I suggested limiting the scope for now to something challenging but still within our skill sets.

# Project Tracking

*Tasks which are actively being worked on.*

|  |  |  |  |
| --- | --- | --- | --- |
| Team Member | Assignment | Due Date | % Complete |
| Mohammad | Research sensors. | 09/19 | 0% |
| Edgar | Research sensors. | 09/19 | 0% |
| Aron | Waiting for Coach Allen correspondence.  Research app notifications. | 09/19 | 0% |
| Alex | Research app notifications. | 09/19 | 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 |
| Waiting for Coach Allen correspondence. | 09/19 |
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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.*

N/A

# Next Meeting

Date & Time : 09/19/21 06:00 pm

Location : Teams