Weekly Status Report

Report 1

TNC MCU Project Design

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Tuesday, February 18, 2020

**Work and accomplishments this week**

* Research on necessary protocols used in our design, such as AX.25, KISS mode, and HDLC
* Worked on PowerPoint slides to put in a presentation for mentors to judge team’s understanding of the design to determine if we can move forward.
* Researched different components to be used in design
* Make objective tree
* Write Cost Analysis with bill of materials under Feasibility Analysis
* Write Regulatory Considerations
* Write Alternatives and Trade Analysis comparisons and a table showing the pros and cons of each component.

**Planned Activities for Next Week**

* Reanalyze Assignment 1
* Contribute to improving the Assignment 1’s report and Power Point
* Do a Peer Review of another team’s Assignment 1.
* Meet with mentors
* Weekly Status Report 2

**Time Sheet**

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| --- | --- | --- | --- |
| Item | Date/Time | Description | Hours |
| 1 | 2/5/2020  5:00pm-9pm | Research Protocols | 4 |
| **2** | 2/11/2020  5:00pm-7pm | PowerPoint for Mentors | 2 |
| **3** | 2/16/2020  11am-1pm | Search Components | 2 |
| **4** | 2/17/2020  6:00pm-7pm | Make objective tree | 1 |
| **5** | 2/17/2020  7pm-8pm | Cost Analysis | 1 |
| **6** | 2/17/2020  8pm-9pm | Regulatory Considerations | 1 |
| **7** | 2/17/2020  9pm-11:30pm | Alternatives and Trade Offs | 2.5 |
|  |  | Total: | 13.5 |

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