# PROJECT: Short Messaging Control Mechanism for CAN Bus Architecture

**Kennesaw State University**

**Andrew Cline, Clifford Gilbert, Goran Novakovic**

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| Project start date: | 1/31/2024 |
| Scrolling increment: | 25 |

Legend: **On track** | **Low risk** | **Med risk** | **High risk** | **Unassigned**

| Milestone description | Category | Assigned to | Progress | Start | Days |
|---|---|---|---|---|---|
| **Milestone Reports** | | | | | |
| #2 - Project Proposal | Milestone | All | 100% | 3/4/2024 | 1 |
| #3 - Progress Report | Milestone | All | 0% | 4/1/2024 | 1 |
| #4 - PowerPoint Presentation | Milestone | All | 0% | 4/15/2024 | 1 |
| #5 - Project Report | Milestone | All | 0% | 4/29/2024 | 1 |
| **Project Selection** | | | | | |
| Define Project Goals | On Track | All | 100% | 2/28/2024 | 1 |
| Develop Proposal Documentation | On Track | All | 100% | 2/29/2024 | 5 |
| Collect References | On Track | All | 100% | 2/29/2024 | 5 |
| **Simulation Development** | | | | | |
| Detail encryption from CAN data to transmitted signal | On Track | Andrew Cline | 0% | 3/5/2024 | 21 |
| Model the Transmitter and Receiver in Simulink | On Track | Clifford Gilbert | 0% | 3/5/2024 | 14 |
| Model the Signal Processing Conversion in Matlab/Simulink | On Track | Goran Novakovic | 0% | 3/10/2024 | 21 |
| Create CAN data test cases for Simulation | On Track | Clifford Gilbert | 0% | 3/19/2024 | 7 |
| Develop Progress Report Documentation | On Track | All | 0% | 3/25/2024 | 7 |
| **Simulation Testing** | | | | | |
| Test run Transmitter Conversion Model | On Track | Goran Novakovic | 0% | 3/31/2024 | 7 |
| Test run Receiver Conversion Model | On Track | Andrew Cline | 0% | 3/31/2024 | 7 |
| Update the Simulink Model based on Test Runs | On Track | All | 0% | 4/7/2024 | 10 |
| Run the CAN data through the Simulink Model | On Track | Clifford Gilbert | 0% | 4/17/2024 | 1 |
| Create Project Report Draft | On Track | All | 0% | 4/16/2024 | 7 |
| **Result Analysis** | | | | | |
| Review the Results of the Simulink Model | On Track | All | 0% | 4/18/2024 | 2 |
| Calculate the success rate of the Simulink Model | On Track | Goran Novakovic | 0% | 4/20/2024 | 2 |
| Develop Diagrams of Results | On Track | Andrew Cline | 0% | 4/20/2024 | 3 |
| Develop PowerPoint Presentation | On Track | All | 0% | 4/23/2024 | 7 |
| Develop Project Report Documentation | On Track | All | 0% | 4/23/2024 | 7 |