PROJECT: Short Messaging Control Mechanism for CAN Bus Architecture

Kennesaw State University

Legend:

Andrew Cline, Clifford Gilbert, Goran Novakovic

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

April

Milestone description	Category	Assigned to	Progress	Start	Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
						M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M
Milestone Reports																																		
#2 - Project Proposal	Milestone	All	100%	3/4/2024	1																													
#3 - Progress Report	Milestone	All	100%	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																																		
Create the CAN bus model in Simulink	On Track	Goran Novakovic	100%	3/5/2024	7																													
Model the Transmitter and Receiver in Simulink	On Track	Clifford Gilbert	100%	3/5/2024	14																													
Model the BPSK Signal Processing Conversion in	On Track	Andrew Cline	100%	3/10/2024	7																													
Create the data encryption model in Simulink	On Track	Clifford Gilbert	100%	3/19/2024	7																													
Create data transfer from integer input to data signal	On Track	Clifford Gilbert	100%	3/26/2024	3																													
Develop Progress Report Documentation	On Track	All	100%	3/25/2024	7																													
Simulation Testing																																		
Test run Transmitter Conversion Model	Low Risk	Andrew Cline	25%	3/26/2024	10	■																												

April

Milestone description	Category	Assigned to	Progress	Start	Days
Test run Receiver Conversion Model	On Track	Goran Novakovic	**50%**	3/26/2024	7
Update the Simulink Model based on Test Runs	On Track	All	**0%**	3/29/2024	7
Run test cases through the completed Simulink Model	On Track	Clifford Gilbert	**0%**	4/5/2024	1
Create Project Report Draft	On Track	All	**0%**	4/10/2024	6

Project Github Repository

Milestone description	Category	Assigned to	Progress	Start	Days
Create Github Repository	On Track	Clifford Gilbert	**100%**	3/22/2024	1
Upload Completed Simulink Models	On Track	Goran Novakovic	**0%**	4/6/2024	14
Upload PDFs of Milestone Reports (5 Total)	On Track	Andrew Cline	**60%**	3/29/2024	31
Upload Supporting Documentation (Gantt Chart, Diagrams, etc.)	On Track	All	**15%**	3/29/2024	25

Result Analysis

Milestone description	Category	Assigned to	Progress	Start	Days
Review the Results of the Simulink Model	On Track	All	**0%**	4/6/2024	2
Calculate the success rate of the Simulink Model	On Track	Goran Novakovic	**0%**	4/8/2024	2
Develop Diagrams of Results	On Track	Andrew Cline	**0%**	4/8/2024	3
Develop PowerPoint Presentation	On Track	All	**0%**	4/11/2024	5
Develop Project Report Documentation	On Track	All	**0%**	4/15/2024	15