

			Aam Nurussafa		Tasawar Siddiquy		Arfat Kamal	
#Week	Task	Short Summary	To-do	Status	To-do	Status	To-do	Status
1	Task 1	Create SysML diagrams for specific scenarios, considering timing behaviors.	Work on scenario-Avoiding intruder vehicles. 1) Create SysML Requirements diagram for this scenario. 2) Create SysML Sequence diagram for this scenario. 3) Create SysML Block diagram for this scenario. Deadline: 07.04.22	Completed	Work on scenario-Maintaining distance between trucks and regulating Speed 1) Create SysML Requirements diagram for this scenario. 2) Create SysML Sequence diagram for this scenario. 3) Create SysML Block diagram for this scenario. Deadline: 07.04.22	Completed	Work on scenario of Autonomous Driving 1) Create SysML Requirements diagram for this scenario. 2) Create SysML Sequence diagram for this scenario. 3) Create SysML Block diagram for this scenario. Deadline: 07.04.22	
	Task 2	• Specify an appropriate protocol for each scenario • Use Timed Automata and UPPAAL for the model-based specification	Work on scenario-Avoiding intruder vehicles. 1) Refine Diagrams 2) Uppal Timed Automata	Completed	Work on scenario-Maintaining distance between trucks and regulating Speed 1) Refine Diagrams 2) Uppal Timed Automata	Completed		