***Team Record of Project: Autonomous line following object detectable vehicle***

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Masrur** | | **Shafin** | | **Mehedi** | | **Pisula** | |
| **#** | Task | Short summary | (to doo incl. Deadline) | (Done incl. Finishing date) | (to do incl. Deadline) | (Done incl. Finishing date) | Mehedi(to do incl. Deadline) | Mehedi(Done incl. Finishing date) | Guruge(to do incl. Deadline) | Guruge(Done incl. Finishing date) |
| **1** | Task 1 | SysML | Sequence Diagram  19/04/23 | 17th of April | Modified Activity diagram, internal Block Diagram. 19th April | 15th April | Block Diagram, User case diagram. 19th of April | 16th of April | Requirement Diagram & State Machine Diagram | 16th of April |
| **2** | Task 2 | system engineering model Simulation and developing prototype | Finalizing design  26th of April | 23rd of April | Done the coding for line following and successfully done simulation of line following done in TinkerCad+updated SysML 26th April | 21th April | Simulation with Ultrasonic sensor, LCD, and Motor Driver.  26th of April | 25th of April | Made the first prototype with TinkerCAD and updated my Sysml Diagrams | 22nd of April |
| **3** | Task 3 | Final Systems Engineering model | 3D and 2D design preparing for laser cutting, compiling the prototype and preparing prototype for test drive.  17th of May | 9th of May | First prototype of Dxf file designed for Laser cutting prototype, Sketching paper prototype, Participating in finalising design and assembling hardware for test drive.10th May | 17th May | 3D design And 2D design Evaluation And Feedback. 10th of May. compiling the prototype and preparing prototype for test drive. | 9th of May | Finalised and prepared the TinkerCad design of the whole car and the chasis. Assembled hardware with all team members. | 9th of May |
| 4 | Task 4 |  |  |  |  |  |  |  | Finalized the Uppaal model | 19th of May |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |