

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	12 TH November 2022
Team ID	PNT2022TMID35583
Project Name	Signs with smart connectivity for better road safety
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Team Members
Sprint-1	API	USN-1	Using weather map API for weather information	High	Pragathii, Anusuya, Hemananthini, Meghaa
Sprint-1	Set Up	USN-2	Setting up Arduino environment for simulation	High	Pragathii, Anusuya, Hemananthini, Meghaa
Sprint-1	Dashboard	USN-3	Display weather details in the LED screen	High	Pragathii, Anusuya, Hemananthini, Meghaa
Sprint-2	Update	USN-1	Change information according the changes in weather map updates	High	Pragathii, Anusuya, Hemananthini, Meghaa

Sprint-2	Display	USN-2	The changed information will be updated dynamically	High	Pragathii, Anusuya, Hemananthini , Meghaa
Sprint-3	ML Model	USN-3	The information from the API will be trained by a ML model	High	Pragathii, Anusuya, Hemananthini, Meghaa

Sprint-3	Display	USN-2	By using ML model the traffic signals will be displayed	High	Pragathii, Anusuya, Hemananthini, Meghaa
Sprint-4	Display	USN-1	The important information like “Take diversion” will be displayed according to weather conditions in the particular zone	Medium	Pragathii, Anusuya, Hemananthini, Meghaa
Sprint-4	Display	USN-2	The message like “School zone, Hospital zone, No horn, Accident zone “ will be displayed in LED screen	Medium	Pragathii, Anusuya, Hemananthini, Meghaa

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 th november 2022
Sprint-2	20	6 Days	14 Nov 2022	19 Nov 2022		
Sprint-3	20	6 Days	14 Nov 2022	19 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		