

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID54276
Project Name	Project – 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	Story Points	Priority	Team Members
Sprint-1	Resources Initialization	USN-1	Create and initialize accounts in various public APIs like Open Weather Map API	1	Low	Sagili Venkata Pavan Reddy, K M Yaswanth, Sharmila M, Varsha K G
Sprint-1	Local Server/Software run	USN-2	Write python program that outputs results for given inputs like weather and location And also for the Speed breaker control.	1	Medium	Sagili Venkata Pavan Reddy, K M Yaswanth, Sharmila M, Varsha K G
Sprint-2	Push the Server/Software to cloud	USN-3	Push the Weather part code from Sprint 1 to cloud so it can be accessed from anywhere	2	Medium	Sagili Venkata Pavan Reddy, K M Yaswanth, Sharmila M, Varsha K G
Sprint-3	Hardware Initialization	USN-4	Integrate the hardware to be able to access the cloud functions and provide inputs to the same	2	High	Sagili Venkata Pavan Reddy, K M Yaswanth, Sharmila M, Varsha K G

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	UI/Ux Optimization and Debugging	USN-5	Optimize the errors and provide a better user experience	2	Low	Sagili Venkata Pavan Reddy, K M Yaswanth, Sharmila M, Varsha K G

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	24 Oct 2022	29 Oct 2022	20	1 Nov 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	10 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	15 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov

Burndown Chart:

Balance Work

