

Project Planning Phase

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

Date	9 th November 2022
Team ID	PNT2022TMID09925
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 / Task	Story Points	Priority	Team Members
Sprint-1	Initializing resources	Create and initialize accounts in various public APIs like OpenWeatherMap API, Node-red, IBM cloud.	1	Low	Aneesh Abdul Rahman, Akash
Sprint-1	Local/Software run	Develop the Python code in which the test cases are provided like Weather, Traffic density, School timings	1	Medium	Aneesh Abdul Rahman, Dhesika S
Sprint-2	Dump the server/software to cloud	Dump the code from Sprint 1 to cloud so it can be accessed from anywhere	2	Medium	Charugnetra, aneesh, akash
Sprint-3	Initializing hardware	Integrate the hardware which is able to access the cloud functions and change the output based on the processed output	2	High	Aneesh, dhesika,charu
Sprint-4	UI/UX optimization and debugging	Optimize the hardware and software based on the and precision of the observed and make the system efficient	2	Low	Akash, dhesika,charu

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	9 th Nov 2022	10 Nov 2022	20	10 Nov 2022
Sprint-2	20	6 Days	9 th Nov 2022	10 Nov 2022	20	10 Nov 2022
Sprint-3	20	6 Days	9 th Nov 2022	10 Nov 2022	20	10 Nov 2022
Sprint-4	20	6 Days	9 th Nov 2022	10 Nov 2022	20	10 Nov 2022

Burndown Chart:

Balance Work

