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

Date	22 October 2022
Team ID	**PNT2022TMID11049**
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	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my mail and password.	2	High	POOJA T
Sprint-1		USN-2	The user will receive confirmation email once I have registered for the application	1	High	POOJA T LOGESWARI M
Sprint-1		USN-3	As a user, I can register for the application through Facebook	2	Low	LOGAPRIYA P.Ve
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	PREETHI T
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	LOGAPRIYA P.Ve PREETHI
Sprint-1	Dashboard	USN-6	As a user, I can log into the application by entering email & password and access all the resources and services available	2	High	POOJA T LOGESWARI M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Login	USN-1	As I log into my profile and start monitoring the waste levels	3	High	PREETHI T
Sprint-2	Dashboard	USN-2	I receive all the information about waste from web from API and notified about updates are made on sign boards.	2	Medium	LOGAPRIYA P.Ve
Sprint-3	Login	USN-1	The working and weight of the waste are found and details are collected	3	High	POOJA T
Sprint-3	Dashboard	USN-2	In case it is full ,it is notified to the owner of the house who has registered	2	Medium	LOGESWARI M
Sprint-4	Login	USN-1	The person who got notification can notify the authority to collect the waste .	3	High	LOGAPRIYA P.Ve
Sprint-4	Login	USN-1	As an administrator, we can send truck to collect waste when we have received notification form average number of houses in that area	2	Medium	PREETHI T

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

Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$