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

Date	18 October 2022
Team ID	PNT2022TMID47715
Project Name	Project - Smart Waste Management System for Metropolitan Cities
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	Login	USN-1	Admin gives User details for every Workers and manage them and manage garbage level when it full.	20	High	Mohamed Adhil
Sprint-2	Login	USN-2	Customer where login to the App and can see the garbage level and put the wastes.	20	High	Balaji
Sprint-3	Dashboard	USN-3	As a Truck driver can pick the Wastes from the Garbage at a correct time when it full.	20	Low	Majith
Sprint-4	Dashboard	USN-4	As Co-Admin gets the notification when the garbage is damage or full and can show city people as Wastes usage.	20	Medium	Dhaha

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	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	!9 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)

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

Burndown Chart: A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software

development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.