PROJECT PLANNING PHASE
PROJECT PLANNING TEMPLATE (PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORY POINTS)

Date	13 November 2022
Team ID	PNT2022TMID04731
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	As an admin,I give user id and password to every worker and manage them	10	High	Subhashree M
Sprint-1	Login	USN-2	As a Co Admin , I'll manage the garbage level monitor,If the garbage get filled alert I will post location and garbage id to trash truck	10	High	Subhashree M
Sprint-2	Dashboard	USN-3	As truck driver , I'll follow the route send by Co Admin to reach the filled garbage	20	Low	Subhashini G
Sprint-3	Dashboard	USN-4	As a Waste Collector , I'll collect all the trash from garbage and load into garbage truck and send them to landfill	20	Medium	Subiksha P
Sprint-4	Dashboard	USN-5	As a Municipality , I'll check the process are happening in discipline manner without any issues	20	High	Sethurajan S

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	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)

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