Project Planning Phase

Sprint Delivery Plan

Date	25 October 2022
Team ID	PNT2022TMID34106
Project Name	Project - Smart waste managemnet system for meteropolitian cities
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 password.	2	High	Akshaya.A
Sprint-1		USN-2	As a user, I can register for the application through gmail,linkedin	1	High	Akshaya.A
Sprint-2	Login	USN-2	As a user,I can login by using valid user name and password.	2	High	Arjitha.S
Sprint-3	Dashboard	USN-3	As a user,I can view the garbage storage level.	2	Medium	Anusha.A

Sprint-4	Blynk-App	USN-4	Blynk Server is responsible for all the communications between the smartphone and hardware.	2	High	Anusha.M Abina.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)

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