Project Planning Phase

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

Date	3rd November 2022
Team ID	PNT2022TMID34114
Project Name	Smart Waste Management System for Metropolitan cities
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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	Amrin Farha Mohamed Aslam
Sprint-1	Registration and Login	USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Asmitha A
Sprint-2	Login	USN-3	As a user, I can register for the application through Facebook	5	Low	Alfha A
Sprint-3	Login	USN-4	As a user, I can register for the application through Gmail	8	Medium	Arfiya A
Sprint-4	Login	USN-5	As a user, I can log into the application by entering email & password	12	High	Amrin Farha, Asmitha A, Alfha A, Arfiya A

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	30	4 Days	04 Nov 2022	07 Nov 2022	5	19 Nov 2022
Sprint-2	30	4 Days	08 Nov 2022	11 Nov 2022	5	19 Nov 2022
Sprint-3	30	4 Days	12 Nov 2022	15 Nov 2022	8	19 Nov 2022
Sprint-4	30	4 Days	16 Nov 2022	19 Nov 2022	12	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)

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