Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID592899
Project Name	Project - 029
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.	5	High	N/A
Sprint-1	Registration	USN-2	As a user, I will receive a confirmation email once I have registered for the application.	3	High	N/A
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook.	5	Low	N/A

Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail.	5	Medium	N/A
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password.	3	High	N/A
Sprint-2	Dashboard	USN-6	As a user, I can access my dashboard after logging in.	5	High	N/A
Sprint-2	Dashboard	USN-7	As a user, I can view the health status of my uploaded tea leaf image.	8	High	N/A

Sprint-3	Analysis	USN-8	As a user, I can view detailed disease diagnosis and recommendations for unhealthy leaves.	13	High	N/A
Sprint-3	Analysis	USN-9	As a user, I can view historical data of previously uploaded images.	8	Medium	N/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	20	6 Days	12 Oct 2023	17 Oct 2023	20	17 Oct 2023
Sprint-2	25	6 Days	19 Oct 2023	24 Oct 2023	25	24 Oct 2023
Sprint-3	18	6 Days	26 Oct 2023	31 Oct 2023	18	31 Oct 2023
Sprint-4	22	6 Days	02 Nov 2023	07 Nov 2023	22	07 Nov 2023
Sprint-5	20	6 Days	09 Nov 2023	14 Nov 2023	15	14 Nov 2023

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: