Project Planning Phase

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

Date	20 November 2023
Team ID	PNT2022TMID592873
Project Name	Project - Deep Learning Model For Detecting Diseases in Tea Leaves.
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	Tea Leave Disease Detection Model	USN-1	As a tea farmer , I want the system to detect common diseases in tea leaves .	8	High	Anant Krishna and Madathala Madhava Reddy .
Sprint-1	Image Capture Integration	USN-2	Integrate a feature to capture high-quality images of tea leaves for analysis of the disease.	5	Medium	Anant Krishna and Madathala Madhava Reddy.
Sprint-2	Creation of flask file	USN-3	Implement a flask file to store information about various diseases affecting tea leaves.	8	High	Kavala Adarsh Raj and Shriyukta Sinha.
Sprint 2	Uploading images of tea leaves and detect the disease.	USN-4	Integration of flask with the tea leaf disease detection model .	5	Medium	Kavala Adarsh Raj and Madathala Madhava Reddy.
Sprint-3	Frontend tea leaf Website Development.	USN-5	Create a user-friendly interface for farmers tointeract with the system via a mobile app or a	8	High	Kavala Adarsh Raj and Shriyukta Sinha

			web app.			
Sprint-3	Web Interface	USN-6	Integrate front-end with flask .	5	Medium	Kavala Adarsh Raj and Shriyukta Sinha.

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	13	6 Days	2 Nov 2023	7 Nov 2023	13	9 Nov 2023
Sprint-2	13	6 Days	8 Nov2023	13 Nov 2023	13	15 Nov 2023
Sprint-3	13	6 Days	14 Nov 2023	19 Nov 2023	13	22 Nov 2023

Velocity:

We have a 6-day sprint duration, and the velocity of the team is 13 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity}$$ = 13 / 6 = 2