Project Planning Phase

Project Planning (ProductBacklog,SprintPlanning, Stories, Story points)

Date	17 February 2026
Team ID	LTVIP2026TMIDS91602
Project Name	Smart sorting
Maximum Marks	5 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	Image Upload	USN-1	As a user, I can upload an image of a fruit/vegetable.	3	High	1
Sprint-1	Prediction	USN-2	As a user, I can get a classification result (fresh or rotten).	5	High	3
Sprint-2	Confidence Score	USN-3	As a user, I can see the model's confidence level in prediction.	3	Medium	2
Sprint-2	Error Handling	USN-4	As a user, I get an error message if the uploaded file is invalid.	2	Medium	4
Sprint-3	UI Improvement	USN-5	As a user, I see a responsive, user-friendly interface.	4	Medium	5
Sprint-3	Result Logging	USN-6	As a user, I can view previous predictions (locally for now).	5	Low	1

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	8	5 Days	14 June 2025	18 June 2025	8	18 June 2025
Sprint-2	5	5 Days	19 June 2025	23 June 2025	5	23 June 2025
Sprint-3	7	4 Days	24 June 2025	27 June 2025	7	27 June 2025

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)

The team's average velocity across sprints is:

(8 + 5 + 7) / 3 = 6.67 story points per sprint