Project Planning Phase

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

Date	30 June 2025
Team ID	LTVIP2025TMID46945
Project Name	Transfer Learning-Based Classification of Poultry Diseases for Enhanced Health Management
Maximum Marks	5 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	Bollepalli Manikanta
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Jammanamgadda Nagaveni
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	Shaik Kowsar
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	Devalla Dinesh
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Jammanamgadda Nagaveni
	Dashboard					

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	18	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	15	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Velocity (per sprint) = Story Points Completed / Sprint

For example,

- Sprint-1 = 20
- Sprint-2 = 18
- Sprint-3 = 15 Sprint-4 = 20

Total Story Points Completed = 20 + 18 + 15 + 20 = **73**

Total Sprints = 4

☑ **Average Velocity (per sprint)** = 73 / 4 = **18.25 story points/sprint**

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

Average Velocity per Day (Story Points / Day)

Each sprint is **6 days**, so:

Average Velocity per Day = 18.25 / 6 = **~3.04 story points/day**