

## Project Planning Phase

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

Date	15 February 2025
Team ID	LTVIP2025TMID46233
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)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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**

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

**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**