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

Date	27 June 2025
Team ID	LTVIP2025TMID40145
Project Name	Transfer Learning-Based on Classification of Poultry Diseases for Enhanced Health Management
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 & Prediction	USN-1	As a user, I can upload a poultry image to the system for analysis.	3	High	4
Sprint-1	Image Upload & Prediction	USN-2	As a user, I can receive a predicted disease result based on the uploaded image.	2	High	4
Sprint-2	UI/UX Enhancements	USN-3	As a user, I can see my uploaded image and prediction clearly displayed in a user-friendly layout.	2	Medium	4
Sprint-2	About & Contact Pages	USN-4	As a user, I can view application information and contact details.	1	Low	4
Sprint-3	Model Training	USN-5	As a developer, I can train and validate a ResNet50 model for poultry disease classification.	5	High	4
Sprint-4	Error Handling	USN-6	As a user, I am shown an appropriate message if I upload an invalid file.	1	Medium	4
Sprint-4	Final Integration	USN-7	As a team, we will integrate frontend, backend, and model with full testing.	6	High	4

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	5	6 Days	01 June 2025	06June 2025	5	06 June 2025
Sprint-2	3	6 Days	07 June 2025	12 June 2025	3	12 June 2025
Sprint-3	5	6 Days	13 June 2025	18 June 2025	5	18 June 2025
Sprint-4	7	6 Days	19 June 2025	24 June 2025	7	24 June 2025

Velocity:
- **Total Completed Story Points in Sprint-1: 5**
- **Duration: 6 Days**
- **Velocity = 5 ÷ 6 = ~0.83 story points/day**

Burndown Chart:

X-Axis: Time (Sprint days)

Y-Axis: Remaining Story Points

- **Day 0: 20 points**

- **Day 1: 17 points**

- **Day 2: 14 points**

- **Day 3: 10 points**

- **Day 4: 6 points**

- **Day 5: 3 points**

- **Day 6: 0 points** ☑

Reference:
https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts