Project Planning Template

Project Planning Phase

Date	Date: 26 June 2025
Team ID	Team ID: LTVIP2025TMID44725
Project Name	Poultry Disease Detection Using Transfer Learning
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
Data Collection	USN-1	As a researcher, I want to collect poultry disease images from verified sources.	3	High	Kandera Naga Prudhvi Sai	Sprint-1
Data Preprocessing	USN-2	As a data engineer, I need to preprocess images to enhance model accuracy.	2	Medium	Poondla Divya Lakshmi	Sprint-1
Model Training	USN-3	As a developer, I want to apply transfer learning using VGG16.	5	High	Medida Gangothri	Sprint-2
Model Evaluation	USN-4	As a QA, I want to test model	3	High	Pasupuleti Venkata Aneesha	Sprint-3

		accuracy using test dataset.				
Deployment	USN-5	As an admin, I want to deploy the model to a cloud platform.	4	Medium	Kandera Naga Prudhvi Sai	Sprint-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-1	10	6 Days	01 July 2025	06 July 2025	10
Sprint-2	10	6 Days	07 July 2025	12 July 2025	
Sprint-3	10	6 Days	13 July 2025	18 July 2025	
Sprint-4	10	6 Days	19 July 2025	24 July 2025	

Velocity:

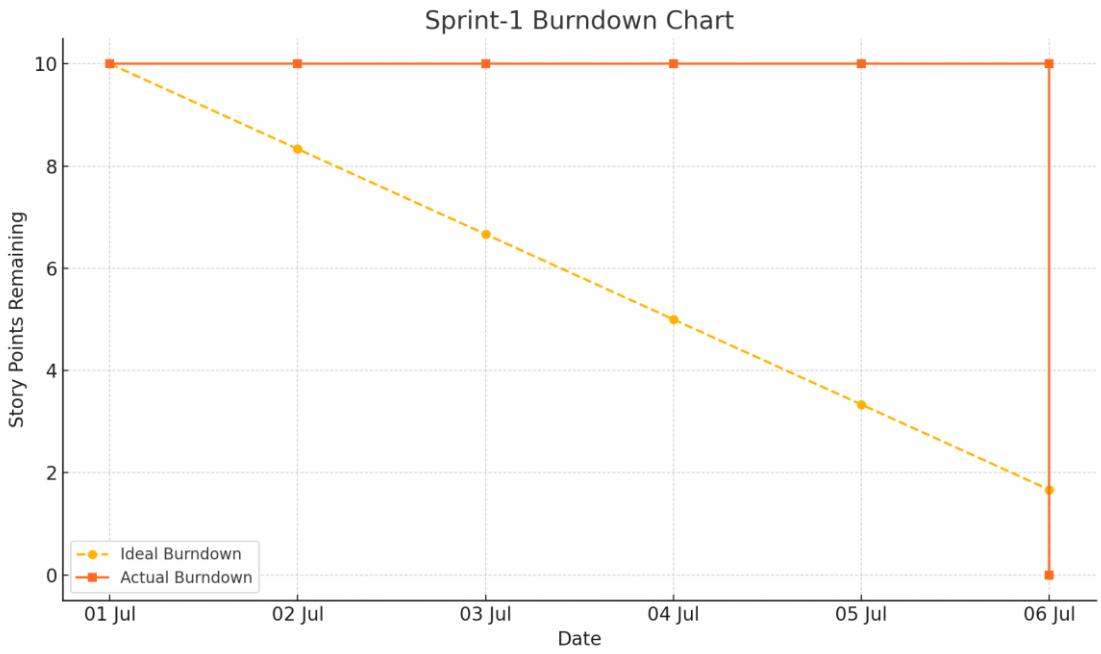
Assume a 6-day sprint duration. Team velocity = 10 story points per sprint.

Average Velocity (AV) = Total Points Completed / Sprint Days = 10 / 6 ≈ 1.67 points/day

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time.

Sprint-1 Burndown Chart


Sprint-1 Burndown Chart
Story Points Remaining
10
8
6
4
2
0
01 Jul
02 Jul
03 Jul
04 Jul
05 Jul
06 Jul
Date
Ideal Burndown
Actual Burndown