

Project Planning Phase

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

Date	15 june2025
Team ID	LTVIP2025TMID60871
Project Name	Transfer Learning-Based Classification of Poultry Diseases for Enhanced Health Management
Maximum 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 High	Registration	USN-1	As a user, I can register for the poultry health system using email, password, and confirmation	2		
Sprint-1		USN-2	As a user, I will receive a confirmation email after registration	1	High	
Sprint-2		USN-3	As a user, I can register using Facebook for easier access to poultry health tracking	2	Low	
Sprint-1		USN-4	As a user, I can register using Gmail credentials	2	Medium	
Sprint-1	Login	USN-5	As a user, I can log into the health management app using email and password	1	High	
Sprint-2 High	Disease Detection Dashboard	USN-6	As a user, I can upload images of poultry to get disease classification results	5		
Sprint-2		USN-7	As a user, I can view detected disease name, probability score, and suggested actions	4	High	
Sprint-3 Medium	Data Insights and Analytics	USN-8	As a user, I can view trends of common poultry diseases based on historical data	2		

Sprint-3	Feedback Module	USN-9 As a user, I can provide feedback on prediction accuracy and system usability	1	Medium
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 **Project Tracker, Velocity & Burndown Chart (4 Marks)**

 **Sprint Tracker**

Sprint	Total Story Points (Actual)	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date
Sprint-1	6	6 Days	24 Oct 2022	29 Oct 2022	6	29 Oct 2022
Sprint-2	11	6 Days	31 Oct 2022	05 Nov 2022	11	05 Nov 2022
Sprint-3	3	6 Days	07 Nov 2022	12 Nov 2022	Planned	Planned
Sprint-4	Planned	6 Days	14 Nov 2022	19 Nov 2022	Planned	Planned

Velocity Calculation (Health Management Context)

Let's say:

Sprint-1 completed 6 points

Sprint-2 completed 11 points

Total Completed Points = $6 + 11 = 17$

Number of Sprints = 2

✅ Velocity (Points/Sprint) = $17 / 2 = 8.5$ Story Points per Sprint

If we measure velocity per day for a 6-day sprint:

✅ Average Velocity per Day = $8.5 / 6 = \sim 1.42$ Story Points/Day

Burndown Chart Overview

Burndown chart tracks the remaining work (story points) across each sprint day.

Example – Sprint 2 (11 points total):

Day	Ideal Remaining Work	Actual Remaining Work
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Day 0	11	11
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Day 1	9.2	10
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Day 2	7.4	8
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Day 3	5.5	6
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Day 4	3.6	4
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Day 5	1.8	2
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Day 6	0	0
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 Interpretation: The team is progressing well and on track for timely delivery of disease detection features.

 **Tool Suggestions for Visual Chart:**

Visual Paradigm Burndown Chart Tool

Atlassian Jira Agile Tools

 **Summary in Health Management Terms**

Agile planning ensures:

Faster deployment of disease detection tools

Continuous progress tracking on key health features

Data-driven sprints that align with improving poultry wellness outcomes

Feedback loops to improve prediction accuracy and usability for farmers/vets

Would you like this converted into:

Excel Sheet (for printing or submission)?

PowerPoint Slide Deck?

Editable Google Docs format?

Let me know, I can generate it instantly.