

## Project Planning Phase

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

Date	15 June 2025
Team ID	LTVIP2025TMID42682
Project Name	Transfer Learning-Based Poultry Disease Classification System
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Sundara Himaja
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Usha Buti
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	Penumatcha Satya Sai Shivani
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	Turpati Nikhil Kumar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Turpati Nikhil Kumar
Sprint-1	Dashboard	USN-6	As a user, I can view a dashboard summarizing my recent disease predictions and activities	3	High	Usha Buti
Sprint-2	Disease Prediction	USN-7	As a user, I can upload a chicken image and receive disease classification and confidence score	4	High	Sundara Himaja
Sprint-2	Disease Prediction	USN-8	As a user, I can view treatment suggestions based on predicted disease	3	Medium	Penumatcha Satya Sai Shivani
Sprint-3	Model Management	USN-9	As an admin, I can update or retrain the disease classification model	4	Medium	Usha Buti
Sprint-3	User Feedback	USN-10	As a user, I can submit feedback on prediction accuracy and app usability	2	Low	Turpati Nikhil Kumar
Sprint-4	Reports	USN-11	As a user, I can download a report of all my predictions	3	Medium	Sundara Himaja
Sprint-4	Security	USN-12	As a user, my data and images are securely handled and not stored after prediction	2	High	Penumatcha Satya Sai Shivani

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Mobile Responsive UI	USN-13	As a user, I can access the application seamlessly on mobile devices	2	Medium	Usha Buti

**Total Story Points per sprint calculated below.**

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### 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	9	6 Days	2025-06-15	2025-06-20	9	2025-06-20
Sprint-2	9	6 Days	2025-06-21	2025-06-26	9	2025-06-26
Sprint-3	6	6 Days	2025-06-27	2025-07-02	6	2025-07-02
Sprint-4	7	6 Days	2025-07-03	2025-07-08	7	2025-07-08

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### Velocity Calculation

- Sprint Duration: 6 days

- Average Story Points per Sprint:  $(9 + 9 + 6 + 7) / 4 = 7.75$
  - Average Velocity per day:  $7.75 / 6 \approx 1.29$  story points/day
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### Burndown Chart

- Day 1: Total story points for sprint (e.g., Sprint-1 = 9)
  - Each subsequent day: Subtract completed story points.
  - By planned end date, all story points for that sprint should be completed.
  - (See [Burndown Chart Tutorial](#) and [Atlassian Burndown Guide](#) for visualization.)
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### References

- [Atlassian Agile Project Management](#)
  - [Scrum Burndown Chart Guide](#)
  - [How to do Scrum with Jira Software](#)
  - [Agile Estimation](#)
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