Team ID: LTVIP2025TMID45904

Project Name: Poultry Disease Detection using Deep Learning and Web Interface

Maximum Marks: 5 Marks

Agile Concepts

- **Sprint**: A fixed duration in which work is completed (here: 5 Days)

- **Epic**: A large task, divided across sprints

- **Story**: A smaller task under an epic, estimated using story points

- **Story Points**: A unit to estimate effort — based on Fibonacci scale:

    o   1 = Very Easy

    o   2 = Easy

    o   3 = Moderate

    o   5 = Difficult

Sprint Breakdown

Sprint 1: Data Handling (Duration: 5 Days)

Epic	Task (Story)	Story Points	Difficulty Level
Data Collection	Collection of Data	2	Easy
	Loading Data	1	Very Easy
Data Preprocessing	Handling Missing Values	3	Moderate
	Handling Categorical Values	2	Easy
Total		**8 Points**	

Sprint 2: Model & Deployment (Duration: 5 Days)

Epic	Task (Story)	Story Points	Difficulty Level
Model Building	Build the Model	5	Difficult
	Model Testing & Metrics	3	Moderate

Deployment	Working HTML Pages	3	Moderate
	Flask Integration	5	Difficult
Total		**16 Points**	

📈 **Velocity Calculation**

Sprint   Story Points

Sprint 1 8

Sprint 2 16

Total   24

- **Velocity** = Total Story Points / Number of Sprints = 24 / 2 = **12 Points per Sprint**

Summary for Submission

- **Total Sprints**: 2

- **Total Story Points**: 24

- **Team Velocity**: 12 Story Points per Sprint

- **Completion Duration**: 10 Days (2 Sprints × 5 Days)