

A Sprint fixed period or duration in which a team works to complete a set of tasks

An **Epic** is a **big task or project** that is too large to complete in one sprint. It is broken down into **smaller tasks (stories)** that can be completed over multiple sprints.

A **Story** is a small task . It is part of an **Epic**.

A **Story Point** is a number that represents how much effort a story takes to complete.
(usually in form of Fibonacci series)

- 1- Very Easy task
- 2- Easy task
- 3- Moderate task
- 5- Difficult task

This document outlines the Sprint-wise planning, epics, stories, and effort estimation for the Transfer Learning-Based Classification of Poultry Diseases for Enhanced Health Management.

Sprint 1 (5 Days) – Data Preparation Phase

Task	Description	Story Points
Data Collection	Gathering datasets related to poultry diseases (symptoms, environmental factors, etc.)	2
Loading Data	Loading datasets into your development environment	1
Handling Missing Values	Cleaning data by managing null/missing entries	3
Handling Categorical Values	Encoding disease categories, symptom types, etc.	2

Ⓢ Total = 8 Story Points

Sprint 2 (5 Days)

Task	Description	Story Points
Model Building	Applying Transfer Learning (e.g., ResNet, MobileNet) to build the disease classifier	5
Testing Model	Validating accuracy, confusion matrix, etc.	3

Task	Description	Story Points
Working HTML Pages	Creating a front-end interface for farmers/students to input data	3
Flask Deployment	Connecting the model with the web app using Flask	5

Ⓟ Total = 16 Story Points

Velocity Calculation

Total Story Points = 8 (Sprint 1) + 16 (Sprint 2) = 24

Sprints = 2

Velocity = $24 / 2 = 12$ Story Points per Sprint.

Your team's velocity is 12 Story Points per Sprint.