**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
4. Difficult task

**Sprint 1: (5 Days)**

Collect Poultry Disease Dataset – 2 Story Points

Load Dataset into Notebook – 1 Story Point

Handle Missing Values in Dataset – 3 Story Points

Encode Categorical Features (e.g., labels) – 2 Story Points

Sprint 1 Total Story Points = 8

**Sprint 2 (5 Days)**

Build Transfer Learning Model (ResNet18) – 5 Story Points

Evaluate/Test Model Accuracy – 3 Story Points

Integrate with Web Frontend (HTML Pages) – 3 Story Points

Deploy using Flask Backend – 5 Story Points

Sprint 2 Total Story Points = 16

**Total Story Points**

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

Number of Sprints = 2

Velocity = Total Story Points / Number of Sprints

= 24 / 2 = 12 Story Points per Sprint

**Your team’s velocity is 12 Story Points per Sprint.**