**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)**

Data Collection and Data Preprocessing

|  |  |  |
| --- | --- | --- |
| Dataset Collection | **2** |  |

|  |  |  |
| --- | --- | --- |
| Dataset Organization/Loading | **1** |  |

|  |  |  |
| --- | --- | --- |
| Image Preprocessing | **3** |  |

|  |  |
| --- | --- |
| Data Augmentation | **2** |

**Sprint 2: Modelling Phase (5 Days)**

Model Training and Evaluation

Transfer Learning Model Setup **5**

Model Training & Tuning **3**

Accuracy & Evaluation Metrics **3**

Save & Load Model **1**

**Sprint 3: Deployment Phase (5 Days)**

Web Deployment & Integration

Build Flask Web App **3**

Connect Model with UI **3**

Upload Image + Predict **3**

Final Testing & Bug Fixes **3**

**Total Story Points**

Sprint 1 = 8

Sprint 2 = 12

Sprint 3 = 12

Velocity= Total Story Points Completed​/ Number of Sprints

Total story Points= 8+12+12 = 32

No of Sprints= 3

**Velocity** = 32/3

~ 10.67 Story Point per Sprint

**Your team’s velocity is 11 Story Points per Sprint.**