**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**

* Collection of Fabric Pattern Images – **2 SP**
* Loading and Structuring Dataset – **1 SP**

**Data Preprocessing**

* Handling Image Resizing & Normalization – **3 SP**
* Encoding Labels / Classes – **2 SP**

**Total = 8 Story Points**

### **Sprint 2: (5 Days)**

**Model Building**

* Building CNN with Transfer Learning (e.g., ResNet/MobileNet) – **5 SP**
* Model Evaluation on Validation Data – **3 SP**

**Deployment**

* Creating Frontend Interface for Upload – **3 SP**
* Flask App Integration for Prediction – **5 SP**

**Total = 16 Story Points**

### **Total Story Points**

* Sprint 1 = 8
* Sprint 2 = 16
* **Total = 24 Story Points**

### **Velocity Calculation**

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

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