A Sprint is a fixed duration in which a team works to complete a set of tasks.

An Epic is a large-scale task or objective that is too big for a single sprint. It is divided into smaller tasks (stories) that can be tackled across multiple sprints.

A Story is a small, manageable task derived from an Epic.

A Story Point is a numerical representation of the effort required to complete a story. (Usually following the Fibonacci series: 1, 2, 3, 5...)

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

Sprint 1: (5 Days)

Data Collection and Preprocessing for Fabric Images

Task	Story Points
Collecting Fabric Pattern Dataset	2
Loading and Organizing Dataset	1
Handling Missing Data (Images or Labels)	3
Encoding Labels for Classification	2

Sprint 1 Total = 8 Story Points

Sprint 2: (5 Days)

Model **Training and Deployment**

Task	Story Points
Building Deep Learning Model (CNN)	5
Model Evaluation and Accuracy Testing	3
Designing Web Interface (HTML)	3

Task	Story Points
Flask Deployment for Model Access	5

Sprint 2 Total = 16 Story Points

Velocity Calculation:

Total Story Points = 8 (Sprint 1) + 16 (Sprint 2) = **24**
Total Sprints = 2
Velocity = 24 / 2 = **12 Story Points per Sprint**