

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

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
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PATTERN SENSE: CLASSIFYING FABRIC PATTERNS USING DEEP LEARNING

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.