**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 Data – 2
* Loading Data – 1

**Data Preprocessing**

* Handling Missing Values – 3
* Handling Categorical Values – 2

✅ **Total Story Points: 8**

**🏁 Sprint 2 (5 Days)**

**Model Building**

* Model Building – 5
* Testing Model – 3

**Deployment**

* Working HTML Pages – 3
* Flask Deployment – 5

✅ **Total Story Points: 16**

**🏁 Sprint 3 (5 Days)**

**Model Improvement**

* Hyperparameter Tuning – 3
* Cross-Validation – 3
* Performance Metrics Visualization – 2

**UI Enhancement**

* Responsive HTML Design – 3
* Add User Upload Interface – 2
* Error Handling in UI – 2

✅ **Total Story Points: 15**

**🏁 Sprint 4 (5 Days)**

**Mobile App Integration**

* Convert Model to TensorFlow Lite – 3
* Integrate with Android – 5
* Testing on Mobile – 3

**User Support Features**

* Add Feedback Form – 1
* Add FAQs Page – 2

✅ **Total Story Points: 14**

**📊 Velocity Calculation**

| **Sprint** | **Story Points** |
| --- | --- |
| Sprint 1 | 8 |
| Sprint 2 | 16 |
| Sprint 3 | 15 |
| Sprint 4 | 14 |
| **Total** | **53** |

📌 **Velocity = Total Story Points / No. of Sprints**  
📌 **Velocity = 53 / 4 = 13.25**

**Your Team's Velocity: 13.25 Story Points per Sprint**