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

This document outlines the Sprint-wise planning, epics, stories, and effort estimation for the ML-based liver cirrhosis prediction system.

Sprint 1: (5 Days) – Data Preparation

Task	Story Point	Description
Data Collection	2	Collect health data (Excel/CSV with 584 records)
Load Data	1	Load into Pandas using Colab
Handle Missing Values	3	Use .fillna(), .dropna(), or imputation
Handle Categorical Variables	2	Encode gender, place, result, etc.

❾ Total = 8 Story Points

Sprint 2: (5 Days) – Model & Deployment

Task	Story Point	Description
Model Building	5	Train KNN, Logistic, SVC, XGBoost

Model Testing	3	Use accuracy, confusion matrix, F1 score
Create HTML Page (optional UI)	3	Basic input form for prediction
Deploy with Flask	5	Optional step if you're building a UI-based app

- ❾ Total = 16 Story Points

Velocity Calculation

Total Story Points = 8 (Sprint 1) + 16 (Sprint 2) = 24

Sprints = 2

Velocity = 24 / 2 = 12 Story Points per Sprint.

Your team's velocity is 12 Story Points per Sprint.