

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  
Collection of Data 2  
Loading Data 1  
Data Preprocessing  
Handling Missing Values 3  
Handling Categorical values 2

**Sprint 2 (5 Days)**

Model Building  
Model Building 5  
Testing Model 3  
Deployment  
Working HTML Pages 3  
Flask deployment 5

**Total Story Points**

Sprint 1 = 8

Sprint 2 = 16

Velocity= Total Story Points Completed / Number of Sprints

Total story Points= 16+8 =24

No of Sprints= 2

**Velocity** = (16+8)/2= 24/2

12 (Story Points per Sprint)

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

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Sprint	Functional Requirement (Epic)	User Story Number	User Story/Task	Story points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application through Gmail	2	Medium	Chippagiri Mahaboob bee Gunda Gowripriya
Sprint-2		USN-2	As a user, I can register for the application through Facebook	1	Low	Dabbara Samatha Pavan kumar
Sprint-3	Login	USN-3	As a user, I can log into the application by entering email & password	2	High	Nandkishore
Sprint-1		USN-4	As a user, I can manage my login credentials	2	Medium	Dabbara Samatha
Sprint-2	Dashboard	USN-5	As a user, I can view pre-built dashboards that provide insights into key sales metrics.	1	Low	Pavan Kumar
Sprint-1		USN-6	As a user, I can filter dashboard components to focus on specific data subsets.	2	Medium	Gunda Gowripriya
Sprint-1	Login	USN-7	As a user, I can log in to as a customer web user, I can register for events or webinars	2	Medium	Chippagiri Mahaboob bee

Sprint-3	Registration	USN-8	As a user, I can register for events or webinars	1	High	Nandkishore
Sprint-3	Access	USN-9	As a user, I can access customer records to view history, interactions, and previous cases their	2	High	Pavan Kumar
Sprint-1	Assign	USN-10	As a user, I can assign cases to other team members.	1	Medium	Chippagiri Mahaboob bee

Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	16	30days	10-02-2025	19-02-2025	16	14-02-2025
Sprint-2	16	30 days	20-02-2025	29-02-2025	16	25-02-2025
Sprint-3	16	30days	30-02-2025	09-03-2025	16	05-03-2025

AV= Sprint Duration

=30/16=1.87=2

Velocity