

A Sprint is a fixed period of time in which a team works to complete a defined set of tasks.

An Epic is a large task or feature that cannot be completed in a single sprint. It is divided into smaller tasks called user stories.

A Story is a small task that is part of an epic and can be completed within a sprint.

A Story Point is a unit used to estimate the effort required to complete a story. It usually follows the Fibonacci series.

Story Point Scale (1, 2, 3, 5)

1 – Very Easy task

2 – Normal task

3 – Moderate task

5 – Difficult task

Story Point Range Used: 1, 2, 3, 5

Sprint 1

Epic 1: Data Collection

- Collecting Heart Disease Dataset (USN1) – 2
- Importing Dataset into MySQL (USN2) – 1

Epic 2: Data Preparation

- Handling Missing Values (USN3) – 3
- Creating Required Fields (BMI Category, Age Groups) (USN4) – 3
- Handling Inconsistent Data Entries (USN5) – 3

Total Story Points in Sprint 1 = 2 + 1 + 3 + 3 + 3 = 12

Sprint 2

Epic 3: Data Visualization

- Creating Bar Chart (USN6) – 2
- Creating Pie Chart (USN7) – 2
- Creating Line Chart (USN8) – 2
- Creating Risk Distribution Map (USN9) – 4

Epic 4: Dashboard Development

- Developing Interactive Dashboard using Tableau (USN10) – 5

Epic 5: Story Creation

- Creating Analytical Story in Tableau (USN11) – 5

Total Story Points in Sprint 2 = $2 + 2 + 2 + 4 + 5 + 5 = 20$

Total Story Points

Sprint 1 = 12

Sprint 2 = 20

Total Story Points Completed = $12 + 20 = 32$

Number of Sprints = 2

Velocity = Total Story Points Completed / Number of Sprints

Velocity = $32 / 2$

Velocity = 16 Story Points per Sprint

Your team's velocity is 16 Story Points per Sprint.