# Project Planning Phase

## Planning Logic

A Sprint is a 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 the form of the Fibonacci series)

Effort Categories:

* - Very Easy task
* - Easy task
* - Moderate task
* - Difficult task

## Sprint 1: (5 Days)

|  |  |  |
| --- | --- | --- |
| Epic | Task | Story Points |
| Data Collection | Collection of Data | 2 |
| Data Collection | Loading Data | 1 |
| Data Preprocessing | Handling Missing Values | 3 |
| Data Preprocessing | Handling Categorical Values | 2 |

## Sprint 2: (5 Days)

|  |  |  |
| --- | --- | --- |
| Epic | Task | Story Points |
| Model Building | Model Building | 5 |
| Model Building | Testing Model | 3 |
| Deployment | Working HTML Pages | 3 |
| Deployment | 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

Number of Sprints = 2

Velocity = 24 / 2 = 12 (Story Points per Sprint)

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