Project Planning Phase

Planning Logic

Date	16 February 2026
Team ID	LTVIP2026TMIDS54490
Project Name	Smart Sorting: Identifying rotten fruits and vegetables using transfer learning
Maximum Marks	4 Marks

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.