

# Project Planning Phase

## Planning Logic

Date	16 February 2026
Team ID	LTVIP2026TMIDS50375
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.**