# **Sprint Planning and Velocity for HematoVision Project**

## **Key Terms**

• A Sprint is a fixed period during which a team works to complete a set of tasks.

• An Epic is a large feature or project broken down into smaller tasks (stories).

• A Story is a small, manageable task that is part of an Epic.

• A Story Point is a number (often from the Fibonacci series) that represents the effort required to complete a story.

Effort Estimation Guide:

• Very Easy Task - 1 SP  
• Easy Task - 2 SP  
• Moderate Task - 3 SP  
• Difficult Task - 5 SP

## Sprint 1: (5 Days)

Epic: Data Collection

• Collection of Data – 2 SP

• Loading Data – 1 SP

Epic: Data Preprocessing

• Handling Missing Values – 3 SP

• Handling Categorical Values – 2 SP

## Sprint 2: (5 Days)

Epic: Model Building

• Model Building – 5 SP

• Testing Model – 3 SP

Epic: Deployment

• Working HTML Pages – 3 SP

• Flask Deployment – 5 SP

## **Velocity Calculation**

Total Story Points:

• Sprint 1 = 8 SP

• Sprint 2 = 16 SP

Total Story Points = 8 + 16 = 24

Number of Sprints = 2

Velocity = Total Story Points / Number of Sprints = 24 / 2 = 12

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