Project Logic – HealthAI

# 1. Agile Concepts Overview

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

An Epic is a large task or project that is too big to complete in one sprint. It is broken down into smaller tasks (Stories) that can be completed over multiple sprints.

A Story is a smaller, actionable task that is part of an Epic.

A Story Point is a number that represents how much effort a story takes to complete, usually measured using the Fibonacci series (1, 2, 3, 5, 8, ...).

# 2. Task Difficulty Scale

- Very Easy Task  
- Easy Task  
- Moderate Task  
- Difficult Task

# 3. Sprint 1 – 5 Days

Epic: Data Preparation

|  |  |  |
| --- | --- | --- |
| Story | Task Description | Story Points |
| Story 1 | Collection of Data | 2 |
| Story 2 | Loading Data | 1 |
| Story 3 | Handling Missing Values | 3 |
| Story 4 | Handling Categorical Values | 2 |

Total Story Points (Sprint 1): 8

# 4. Sprint 2 – 5 Days

Epic: Model Building and Deployment

|  |  |  |
| --- | --- | --- |
| Story | Task Description | Story Points |
| Story 5 | Model Building | 5 |
| Story 6 | Testing Model | 3 |
| Story 7 | Working HTML Pages | 3 |
| Story 8 | Flask Deployment | 5 |

Total Story Points (Sprint 2): 16

# 5. Velocity Calculation

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