Planning Logic

Date	19/05/2025 – 30/06/2025
Team ID	LTVIP2025TMID31711
Project Name	HealthAI: Intelligent Healthcare Assistant Using IBM Granite

Agile Summary for HealthAI – Velocity, Epics, Stories & Sprints

Sprint Definitions Recap

- Sprint: A fixed period (e.g., 5 days) where the team completes a set of tasks.
- Epic: A large functionality broken into smaller stories.
- Story: A manageable task within an Epic.
- Story Point: A unit to measure effort, often using the Fibonacci series:
    - 1: Very Easy
    - 2: Easy
    - 3: Moderate
    - 5: Difficult

🎲 Sprint 1 (5 Days) – Core App Setup

Epic: User Experience Setup

Story No.	Task Description	Story Points	Notes
US-1	Create and test Streamlit UI layout	2	Easy
US-2	Build health profile input and save function	3	Moderate
US-3	Integrate local storage / session state	3	Moderate

Sprint 1 Total Story Points: 8

🎲 Sprint 2 (5 Days) – AI + Functional Logic

Epic: Generative AI Integration

Story No.	Task Description	Story Points	Notes
US-4	Connect IBM Watsonx API to Streamlit backend	5	Difficult
US-5	Design GenAI prompt template for diagnosis	3	Moderate
US-6	Display AI response and suggestions cleanly	2	Easy
US-7	Add optional email feature for output	3	Moderate
US-8	Deploy to Streamlit Cloud and test	3	Moderate

Sprint 2 Total Story Points: 16

⊞ Velocity Calculation

Velocity = Total Story Points Completed / No. of Sprints

Total Points = 8 + 16 = **24**

Number of Sprints = **2**

Team Velocity = **12 Story Points per Sprint**