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

**Planning Logic**

**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**