**Project Planning Phase**

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

|  |  |
| --- | --- |
| Date | 30-05-2025 |
| Team ID | LTVIP2025TMID37263 |
| Project Name | HealthAI: Intelligent Healthcare Assistant Using IBM Granite |
| Maximum Marks | 5 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

**Product Backlog & Sprint Schedule**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| **Sprint-1** | **Patient Chat Interface** | USN-1 | As a user, I can ask health-related questions and get AI-generated responses. | 3 | High |  |
|  |  | USN-2 | |  | | --- | | As a user, I can receive advice with empathy and appropriate disclaimers.. | | 2 | Medium |  |
| **Sprint-2** | |  | | --- | |  |  |  | | --- | | **Disease Prediction** | | USN-3 | |  | | --- | |  |  |  | | --- | | As a user, I can input symptoms and get potential disease predictions and next steps. | | 2 | High |  |
| **Sprint-3** |  | USN-4 | |  | | --- | | As a patient, I can upload health data to improve prediction accuracy. |  |  | | --- | |  | | 3 | High |  |
|  |  | USN-5 | As a user, I can update my profile information. | 2 | High |  |
|  |  | USN-6 | As a user, I can send/receive messages. | 2 | Medium |  |
| **Sprint-4** | Treatment Plans | USN-7 | As a user, I can get a personalized treatment plan based on a diagnosed condition. | 3 | High |  |
|  |  | USN-8 | As a user, I can view medication, lifestyle, and testing suggestions.   |  | | --- | |  | | 2 | Medium |  |
|  |  | USN-9 | As a user, I can visualize my health metrics like heart rate and blood pressure over time.  As a user, I can receive AI-generated insights based on health data trends. | 2 | Medium |  |

**Project Tracker, Velocity & Burndown Chart**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed (as on Planned End Date)** | **Sprint Release Date (Actual)** |
| **Sprint-1** | 5 | 6 Days | 1 May 2025 | 2 june 2025 | 5 | 2 june 2025 |
| **Sprint-2** | 5 | 6 Days | 3 May  2025 | 4 june 2025 | 5 | 4 june 2025 |
| **Sprint-3** | 5 | 6 Days | 5 May  2025 | 6 june 2025 | 5 | 6 june 2025 |
| **Sprint-4** | 5 | 6 Days | 7 May 2025 | 8 june 2025 | 5 | 8 june 2025 |