**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID31916 |
| Project Name | HealthAI: Intelligent Healthcare Assistant Using IBM Granite |
| Maximum Marks | 5 Marks |

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

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Patient Chat System | USN-2 | As a user, I can chat with the Health AI for consultation | 3 | High | Sujatha |
| Sprint-2 | Disease Prediction System | USN-3 | The system predicts disease based on user symptoms | 3 | High | Sujatha |
| Sprint-2 | Treatment Plan Generator | USN-4 | AI suggests treatment plans for the diagnosed condition | 2 | Medium | Sujatha |
| Sprint-3 | Health Analytics Dashboard | USN-5 | Users can view their health records and predictions in a dashboard | 2 | Medium | Sujatha |
| Sprint-3 | Patient Data Generation | USN-6 | System collects and stores user health data for analytics | 2 | Medium | Sujatha |
| Sprint-4 | Patient Profile Management | USN-7 | As a user, I can manage and update my profile information | 3 | High | Sujatha |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

| **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 | 8 | 2 Days | 20 June 2025 | 21 June 2025 | 8 | 21 June 2025 |
| Sprint-2 | 8 | 2 Days | 22 June 2025 | 23 June 2025 | 8 | 23 June 2025 |
| Sprint-3 | 6 | 2 Days | 24 June 2025 | 25 June 2025 | 6 | 25 June2025 |
| Sprint-4 | 5 | 2 Days | 25 June 2025 | 26 June2025 | - | - |

**Velocity:**

Team Average Velocity (AV):

22 story points over 3 completed sprints (6 days)

AV = 22 / 6 = ~3.66story points/day