**Project Planning Phase – HealthAI**

Date: 26 June 2025

Team ID: LTVIP2025TMID31972

Project Name: Health AI:Intelligent Healthcare Assistance using IBM Granite

Maximum Marks: 5 Marks

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-1 | Registration/Login | USN-1 | As a user, I can register for HealthAI with email and password. | 2 | High | Abdul Abid |
| Sprint-1 |  | USN-2 | As a user, I receive a confirmation email upon registration. | 1 | High | A Vedavarshini |
| Sprint-1 |  | USN-3 | As a user, I can login securely to the HealthAI app. | 2 | High | Abdul Naasir Ahamad |
| Sprint-2 | AI Chat Assistant | USN-4 | As a user, I can ask medical questions and receive answers from the AI chatbot. | 5 | High | Ameenabe |
| Sprint-2 |  | USN-5 | As a user, I can upload reports/images for disease detection. | 5 | High | Abdul Abid |
| Sprint-3 | Disease Prediction | USN-6 | As a user, I receive accurate disease predictions based on symptoms or uploaded files. | 5 | High | Abdul Naasir Ahamad |
| Sprint-3 | Treatment Suggestions | USN-7 | As a user, I can view AI-generated treatment suggestions for predicted diseases. | 3 | Medium | A Vedavarshini |
| Sprint-4 | Health Analytics Dashboard | USN-8 | As an admin/user, I can visualize health statistics via graphs. | 3 | Medium | Ameenabe |
| Sprint-4 | User Profile | USN-9 | As a user, I can edit my profile and view past queries/reports. | 2 | Low | Abdul Abid |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed | Sprint Release Date (Actual) |
| Sprint-1 | 5 | 6 Days | 24 Feb 2025 | 29 Feb 2025 | 5 | 29 Feb 2025 |
| Sprint-2 | 10 | 6 Days | 01 Mar 2025 | 06 Mar 2025 | 9 | 07 Mar 2025 |
| Sprint-3 | 8 | 6 Days | 08 Mar 2025 | 13 Mar 2025 | 8 | 13 Mar 2025 |
| Sprint-4 | 5 | 6 Days | 15 Mar 2025 | 20 Mar 2025 | 5 | 20 Mar 2025 |

Velocity Calculation:  
Velocity (Avg) = Total Story Points Completed / Total Sprints = (5 + 9 + 8 + 5) / 4 = 27 / 4 = 6.75  
Velocity per day (Assuming 6-day sprints): 6.75 / 6 = 1.125 story points/day

Burndown Chart:

You can use these tools to generate a burndown chart:

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts