Health AI – Project Planning Document

# Project Planning Phase

Date: 26th JUNE 2025

Team ID**:LTVIP2025TMID32144**

Project Name: Health AI – IBM Granite-Powered Medical Assistant

## 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 | USN-1 | As a user, I can register with email, password, and confirmation. | 2 | High | Member A |
| Sprint-1 | Registration | USN-2 | As a user, I receive a confirmation email upon registering. | 1 | High | Member B |
| Sprint-1 | Login | USN-3 | As a user, I can log in using email and password. | 1 | High | Member A |
| Sprint-2 | Dashboard | USN-4 | As a user, I can view a summary dashboard of my reports. | 3 | Medium | Member C |
| Sprint-2 | Symptoms Input | USN-5 | As a user, I can enter symptoms using a form. | 3 | High | Member B |
| Sprint-2 | Prediction | USN-6 | As a user, I get a prediction based on my symptoms. | 4 | High | Member A |
| Sprint-3 | History | USN-7 | As a user, I can view past predictions and records. | 3 | Medium | Member C |
| Sprint-3 | Support | USN-8 | As a user, I can contact a health advisor via chat. | 3 | Low | Member B |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed |
| Sprint-1 | 6 | 5 Days | 26 JUNE 2025 | 01 JULY 2025 | 6 |
| Sprint-2 | 10 | 6 Days | 26 JUNE 2025 | 02 JULY 2025 | 10 |
| Sprint-3 | 6 | 5 Days | 26 JUNE 2025 | 01 JULY 2025 | 5 |

## Velocity

Total Story Points Completed = 21

Total Duration = 5 + 6 + 5 = 16 Days

Average Velocity = 21 / 16 ≈ 1.31 story points per day

## Burndown Chart

A burndown chart shows remaining work over time. Refer to the links below:

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

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