Project Planning Phase

Date: 26 June 2025

Team ID: LTVIP2025TMID32616

Project Name: HealthAI: Intelligent Healthcare Assistant

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	Application Setup	USN-1	Initialize the Streamlit app and virtual environment	2	High	All
Sprint-1	Model Integration	USN-2	Connect to IBM Watson ML and test authentication	2	High	Lithan, Jai
Sprint-2	Patient Chat	USN-3	Ask health queries and get AI responses	3	High	Mahitha
Sprint-2	Disease Prediction	USN-4	Input symptoms and receive predicted conditions	5	High	Jai
Sprint-3	Treatment Plans	USN-5	Receive a treatment plan for a diagnosed condition	4	High	Niharika
Sprint-3	Health Analytics	USN-6	View health metrics via graphs	3	Medium	Mahitha
Sprint-4	UI Polish	USN-7	Clean UI with sidebar and titles	2	Medium	Lithan
Sprint-4	Deployment	USN-8	Deploy the app for live usage	3	High	Jai

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

Sprint	Total Story Points	Sprint Start Date	Sprint End Date	Story Points Completed	Sprint Release Date
Sprint-1	4	01 July 2025	06 July 2025	4	06 July 2025
Sprint-2	8	07 July 2025	12 July 2025	8	12 July 2025
Sprint-3	7	13 July 2025	18 July 2025	6	18 July 2025
Sprint-4	5	19 July 2025	24 July 2025	4	24 July 2025

Velocity:

Average Velocity = (4 + 8 + 6 + 4) / 4 = 5.5 story points per sprint

Burndown Chart: