

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

Date	30 June 2025
Team ID	LTVIP2025TMID33300
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	User Authentication	USN-1	As a user, I can register using email, password, and confirm password.	2	High	Ankitha
Sprint-1	Symptom Input & Chat Interface	USN-2	As a user, I can input symptoms via a chat interface..	1	High	Ankitha, Rishitha
Sprint-1	AI-Powered Diagnosis (Granite AI)	USN-3	As a user, I can receive real-time AI-generated diagnosis suggestions.	1	High	Ankitha
Sprint-2	Treatment Plan Generator)	USN-4	As a user, I can view suggested treatment plans generated by AI.	3	Medium	Ankitha, Vishnupriya
Sprint-2	Health History Integration	USN-5	As a user, I can upload/view basic health history for more accurate diagnosis.	3	High	Vishnupriya

Sprint-2	Doctor/Staff Access Panel	USN-6	As the system, I can detect user sentiment (panic, urgency) and flag high risk.	3	High	Ankitha
Sprint-3	Sentiment & Risk Detection	USN-7	As a user, I can rate the usefulness of the AI plan to improve future outputs.	3	High	Ankitha
Sprint-3	Feedback & Learning Loop	USN-8	As a system, I can adjust quiz difficulty based on student performance.	5	Medium	Ankitha, Rishitha
Sprint-3	Save/Export Diagnosis Report	USN-9	As a developer, I want to deploy the app using Flask and ensure the frontend connects to the backend.	5	High	Rishitha, Vishnupriya
Sprint-4	Deployment & Final Testing	USN-10	As a student, I see a clean, responsive dashboard with subjects, progress bar, and quiz history.	3	Medium	Rishitha
Sprint-4	Dashboard UI Enhancement	USN-11	As a developer, I can deploy the HealthAI app using Streamlit and ensure UI flow.	3	Medium	Vishnupriya

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
Sprint-1	10	4 Days	3 June 2025	8 June 2025	10	3 June 2025
Sprint-2	7	5 Days	9 June 2025	14 June 2025	7	14 June 2025
Sprint-3	8	6 Days	15 June 2025	21 June 2025	8	21 June 2025
Sprint-4	9	7 days	22 June 2025	29 June 2025	9	29 June 2025