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

Date	27 June 2025
Team ID	LTVIP2025TMID29337
Project Name	**Health AI: 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	Environment Setup	USN-1	Set up Streamlit project structure with virtual environment and dependencies	2	High	Adabala PujithaSri Naga GangaBhavani
Sprint-1	Disease Prediction	USN-2	Integrate disease prediction ML model with symptom input UI and display predictions	4	High	Datla Vijaya Durga Devi
Sprint-1	Treatment Plan Generator	USN-3	Integrate treatment plan generation model and display personalized recommendations	4	High	Datla Vijaya Durga Devi
Sprint-1	Health Analytics Dashboard	USN-4	Develop dashboard to display patient vitals trends with Altair visualizations	4	High	Adabala PujithaSri Naga GangaBhavani
Sprint-2	Patient Chat	USN-5	Integrate Chat NLP model for health query assistance	3	Medium	Animireddy Sai Gowtham
Sprint-2	Authentication	USN-7	Implement user login and authentication with Firebase	3	Medium	Dwarampudi Navya Bindhu
Sprint-2	Deployment & Testing	USN-8	Deploy application and conduct unit & integration testing	3	Medium	Animireddy Sai Gowtham

Velocity & Timeline

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-1	14	4 Days	01 Feb 2025	05 Feb 2025	14
Sprint-2	12	4 Days	06 Feb 2025	10 Feb 2025	12

Total Story Points: 26

Sprint Duration: 1 week each

Velocity: 5-6 story points/week

Estimated Completion: 4 weeks (including Testing & Deployment)

Burndown Chart: