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

Date	28 june 2025
Team ID	LTVIP2025TMID50016
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	**Accept user input (name and symptoms)**	USN-1	As a user, I want to input my name and symptoms easily	3	High	Gangula Manjunadha
Sprint-1	Convert symptoms into a structured prompt	USN-2	As a developer,i want to process symptoms into a structured prompt	2	High	Gangula Manjunadha
Sprint-1	Generate AI response using 'granite	USN-3	As a system,i want to send Prompts to IBM Granite and return Response	5	High	Gangula Manjunadha
Sprint-1	Display Model response to the user	USN-4	As a user, I want to receive a list of possible conditions	2	High	Gangula Manjunadha
Sprint-2	Show timestamp and disclaimer	USN-5	As a user, I Want to see a timestamp and disclaimer after the result	2	Medium	I Mani Sankar Reddy
Sprint 2	Ensure the system works with multiple inputs	USN-6	As a stakeholder,i want to test with various symptoms.	3	Medium	Yarrasu Harini
Sprint 2	Provide a simple web UI	USN-7	As a user,i want to interact via web or Streamlit	5	Low	G Aswini
Sprint 2	enable easy deployment and reuse	USN-8	As a developer,i want the project to be deployable	3	Medium	Gangula Manjunadha
Sprint 3		USN-9		3	Medium	

As a team ,i want the project documented

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	provide Documentation and usage guide					Gangula Manjunadha

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 Release Date (Actual)
Sprint-1	12	5 Days	18 june 2025	27 june 2025	12	28 june 2025
Sprint-2	13	5 Days	22june 2025	27 june 2025	5-8	28 june 2025
Sprint-3	3	3 Days	24 june 2025	27 june 2025	3	28 june 2025

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Velocity =total story points completed in the script

$$÷$$

Sprint duration

= 12÷5

=2.4 story points/ day

Burndown chart

Burndown chart tracks how many story points remain over days in a sprint. For Sprint 1:

Day 1: 12 points

Day 2: 10 points (Input form complete)

Day 3: 8 points (Prompt builder complete)

Day 4: 3 points (Model integrated)

Day 5: 0 points (Output displayed)

Reference: https://www.microsoft.com/en-us/industry/health /microsoft-cloud-healthcare https://cloud.google.com/customers/mayo-clinic