

Project Planning Phase

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

Date	19/05/2025 – 30/06/2025
Team ID	LTVIP2025TMID31711
Project Name	HealthAI: Intelligent Healthcare Assistant Using IBM Granite
Maximum Marks	5 Marks

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	Profile Setup	USN-1	As a user, I must fill and save my health profile to proceed.	2	High	Supriya
Sprint-1	Profile Confirmation	USN-2	Profile gets saved locally to allow access to HealthAI features.	1	High	Himani
Sprint-1	Login (Local Session)	USN-3	Enable users to continue session after saving profile.	1	Medium	Nandini
Sprint-2	Symptom Checker	USN-4	Enter symptoms and get disease prediction.	3	High	Supriya
Sprint-2	Treatment Suggestion	USN-5	Generate AI-based treatment advice.	3	High	Nandini
Sprint-2	Chronic Logger	USN-6	Log vitals like glucose and heart rate.	2	Medium	Supriya
Sprint-3	Analytics	USN-7	View health trend charts.	3	Medium	Nandini
Sprint-3	Email Output (optional)	USN-8	Send treatment summaries via email.	2	Low	Himani
Sprint-4	Dashboard	USN-9	Display all features in a single view.	3	High	Supriya & Team

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

Sprint Tracker

Sprint	Total Story Points	Duration	Start Date	Planned End Date	Story Points Completed	Actual Release Date
Sprint-1	4 Points	3 Days	15 June 2025	17 June 2025	4 Points	17 June 2025
Sprint-2	8 Points	3 Days	18 June 2025	20 June 2025	8 Points	20 June 2025
Sprint-3	5 Points	3 Days	21 June 2025	23 June 2025	5 Points	23 June 2025
Sprint-4	3 Points	4 Days	24 June 2025	27 June 2025	3 Points	27 June 2025

Velocity Calculation

Velocity is calculated as:

Velocity = Story Points Completed / Sprint Duration (in days)

- Sprint-1: $4 / 3 = 1.33$ points/day
- Sprint-2: $8 / 3 = 2.67$ points/day
- Sprint-3: $5 / 3 = 1.67$ points/day
- Sprint-4: $3 / 4 = 0.75$ points/day

☞ Average Velocity = $(4 + 8 + 5 + 3) / (3 + 3 + 3 + 4)$

☞ = $20 / 13 = \sim 1.54$ points/day

Burndown Chart:

Date	Remaining Story Points
15 June	20 (Start)
17 June	16
20 June	8
23 June	3
27 June	0 (Completed)

