

Project Planning Phase

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

Date	15 May 2025
Team ID	LTVIP2025TMID60007
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	Patient Registration	USN-1	As a patient, I can register for health AI application by entering my medical ID, email, password, and confirming my password.	3	High	
Sprint-1	Patient Registration	USN-2	As a patient, I will receive confirmation email once I have registered for the application	1	High	
Sprint-2	Patient Registration	USN-3	As a patient, I can register for health AI application through my Google Health account.	2	Medium	
Sprint-1	Patient Registration	USN-4	As a patient, I can register for health application using my apple health account	2	Medium	
Sprint-2	Patient Login	USN-5	As a patient, I can log into the health AI application by entering email & password	1	High	
Sprint-2	Dashboard	USN-6	As a patient ,I can view my personalized health dashboard displaying key metrics and	4	High	

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			recommendations			
Sprint-3	Symptom checker	USN-7	As a patient, I can input my symptoms and receive potential condition suggestions from the AI	5	High	
Sprint-4	Health record access	USN-8	As a patient, I can securely access my electronic health records within the application	5	High	

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	20	6 Days	01 Jun 2025	06 Jun 2025	20	06 Jun 2025
Sprint-2	20	6 Days	08 Jun 2025	13 Jun 2025	20	13 Jun 2025
Sprint-3	20	6 Days	15 Jun 2025	20 Jun 2025	20	20 Jun 2025
Sprint-4	20	6 Days	22 Jun 2025	27 Jun 2025	20	27 Jun 2025
Sprint-5	20	6 Days	29 Jun 2025	04 Jul 2025	20	04 Jul 2025
Sprint-6	20	6 Days	06 Jul 2025	11 Jul 2025	20	11 Jul 2025
Sprint-7	20	6 Days	13 Jul 2025	18 Jul 2025	20	18 Jul 2025
Sprint-8	20	6 Days	20 Jul 2025	25 Jul 2025	20	25 Jul 2025

Velocity:

We have a 6-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)

$$AV = \text{Velocity} / \text{Sprint duration} = 20 / 6 = 3.3 \text{ (story points per day)}$$

Burndown chart:

