

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

Date	15 June 2025
Team ID	LTVIP2025TMID60014
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

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
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	

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Sprint-2	Dashboard	USN-6	As a patient ,I can view my personalized health dashboard displaying key metrics and recommendations	4	High	
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)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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:**

Burndown Chart

