

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

Date	31 January 2025
Team ID	LTVIP2026TMIDS91241
Project Name	HeartDisease Analysis
Maximum Marks	4 Marks

Project Tracker, Velocity & Burndown

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the system by entering name, email, and password.	2	High	S Ashifa, V Akhil
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email after registration.	1	High	R Deevena
Sprint-1	Registration	USN-3	As a user, I can register using Gmail.	2	Medium	V Akhil
Sprint-1	Login	USN-4	As a user, I can login using email and password.	1	High	S Ashifa
Sprint-1	Dashboard	USN-5	As a user, I can view Scenario 1 dashboard.	3	High	R Deevena
Sprint-2	Dashboard	USN-6	As a user, I can view Scenario 2 dashboard.	3	Medium	S Ashifa
Sprint-2	Dashboard	USN-7	As a user, I can view Scenario 3 dashboard.	3	Medium	V Akhil
Sprint-2	Analysis	USN-8	As a user, I can see heart disease risk insights.	3	High	R Deevena
Sprint-3	Reports	USN-9	As a user, I can download analysis report.	3	Medium	S Ashifa
Sprint-4	Story	USN-10	As a user, I can view story and narrative insights.	3	Low	V Akhil

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Velocity Calculation

Velocity is the number of story points completed by the team in one sprint. It helps measure the team's productivity and is used for future sprint planning.

From the project tracker:

- Sprint 1 completed = 20 story points
- Sprint 2 completed = 20 story points
- Sprint 3 completed = 20 story points
- Sprint 4 completed = 20 story points

Average Velocity (AV) Formula:

$$AV = (\text{Sprint1} + \text{sprint2} + \text{sprint3} + \text{sprint4}) / \text{number of sprints}$$

$$AV = \frac{20 + 20 + 20 + 20}{4}$$

$$AV = \frac{80}{4} = 20$$

Burndown chart:

