

Project Planning Phase

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

Date	23 MAY 2025
Team ID	LTVIP2025TMID29324
Project Name	DocSpot: Seamless Appointment Booking for Health
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Nodagala Teja Siva Mani
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Nodagala Teja Siva Mani
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	Nodagala Teja Siva Mani
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	Nodagala Teja Siva Mani
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Nodagala Teja Siva Mani
Sprint-2	Dashboard	USN-6	As a user, I can view a dashboard displaying my profile and activity summary	3	Medium	Nodagala Teja Siva Mani
Sprint-2	Dashboard	USN-7	As a user, I can log out of the application securely	2	Medium	Nodagala Teja Siva Mani

Sprint-2	Dashboard	USN-8	As a user, I can view notifications or alerts related to my activity	1	High	Nodagala Teja Siva Mani
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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	24 MAY 2025	29 MAY 2025	20	25 MAY 2025
Sprint-2	20	6 Days	31 MAY 2025	05 JUNE 2025	20	31 MAY 2025
Sprint-3	20	6 Days	07 JUNE 2025	12 JUNE 2025	20	07 JUNE 2025
Sprint-4	20	6 Days	14 JUNE 2025	27 JUNE 2025	20	14 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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>