

Project Planning Phase

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

Date	19-may-2025 To 30- June- 2025
Team ID	LTVIP2025TMID49768
Project Name	ShopSmart: Your Digital Grocery Store Experience
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Tatikonda Amulya
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Syed Sohail
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Deepika
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Tatikonda Amulya
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Syed Sohail
	Dashboard					

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	19 may 2025	25 may 2025	20	25 may 2025
Sprint-2	20	6 Days	27 may 2025	04 june 2025	18	04 june 2025
Sprint-3	20	6 Days	05 june 2025	11 june 2025	15	11 june 2025
Sprint-4	20	6 Days	12 june 2025	17 june 2025	15	17 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>