Project Planning Phase

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

Date	26 June 2025
Team ID	LTVIP2025TMID53236
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	
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	

Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	
Sprint-1	Browse Products	USN-6	As a user, I can view products by category or search	2	High	
Sprint-1	Cart	USN-7	As a user, I can add and remove items in my cart	2	High	
Sprint-2	Checkout	USN-8	As a user, I can checkout and enter address	2	High	
Sprint-2	Payment	USN-9	As a user, I can make payment via Razorpay or choose Cash on Delivery	3	High	
Sprint-3	Orders	USN-10	As a user, I can view my past and current orders	2	Medium	
Sprint-3	Review	USN-11	As a user, I can submit a review after delivery	1	Low	
Sprint-2	Admin	USN-12	As an admin, I can view and manage orders	3	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-1	20	6 Days	01 July 2025	06 July 2025	20
Sprint-2	20	6 Days	08 July 2025	13 July 2025	18
Sprint-3	20	6 Days	15 July 2025	20 July 2025	—
Sprint-4	20	6 Days	22 July 2025	27 July 2025	—

Velocity:

Assuming a 6-day sprint duration, if Sprint-1 completed 20 points and Sprint-2 completed 18 points, the average velocity per sprint is (20 + 18) / 2 = 19 story points per sprint. Velocity per day = 19 / 6 ≈ 3.17 story points/day.

Burndown Chart:

A burndown chart visually shows the amount of work left in a sprint vs time. Use tools like Jira, Trello, or Excel to create and track the burndown chart based on your story points.

References:
https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts