Project Planning & Scheduling Phase

Date	19 February 2026
Team ID	LVIP2026TMIDS81333
Project Name	ShopSmart: Your Digital Grocery Store Experience
Maximum Marks	8 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	User Authentication	USN-1	As a As a user, I want to register using email and password so that I can create an account	3	High	Guna, Gafoor
Sprint-1		USN-2	As a user, I want to login securely using JWT authentication.	5	High	Barath, Mahesh
Sprint-1		USN-3	As a user, I want to logout safely from the system	2	Medium	Govindu
Sprint-2	Product Management	USN-4	As an admin, I want to add new grocery products with name, price, and stock details.	5	High	Guna, Govindu
Sprint-2		USN-5	As an admin, I want to update or delete product details.	3	Medium	Guna,Barath
Sprint-3	Cart and Orders	USN-6	As a customer, I want to add products to my shopping cart.	3	High	Barath, Mahesh
Sprint-3		USN-7	As a customer, I want to remove products from my cart.	2	Medium	Barath
Sprint-4	Administration	USN-8	As a customer,I can change item quantity from my cart.	3	High	Guna
Sprint-5	Order Management	USN-9	As a customer, I want to view my order history so that I can track my previous purchases.	2	Medium	Mahesh

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	StoryPoints Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	10	5 Days	29 Jan 2026	02 Feb 2026	10	02 Feb 2026
Sprint-2	6	4 Days	03 Feb 2026	06 Feb 2026	16	06 Feb 2026
Sprint-3	5	4 Days	07 Feb 2026	10 Feb 2026	21	10 Feb 2026
Sprint-4	2	3 Days	11 Feb 2026	13 Feb 2026	23	13 Feb 2026
Sprint-5	1	1 Day	14 Feb 2026	20 Feb 2026	24	19 Feb 2026

Velocity:

$$AV = Sprint\ duration/velocity = 24/17 = 1.47$$

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.

Burn-down Chart