

# Project Planning Phase

## Project Planning

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

Date: 20 July 2025  
Team ID: LTVIP2025TMID48243  
Project Name: ShopMart

### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task Story	Story Points	Priority	Team Members
1	Authentication	USN-1	As a user, I can register with an email and password.	2	High	Raahitya
1	Authentication	USN-2	As a user, I receive a confirmation email after registration.	1	High	Raahitya
1	Authentication	USN-3	As a user, I can log in using my email and password.	1	High	Raahitya
2	Authentication	USN-4	As a user, I can register using Gmail.	2	Medium	Raahitya
2	Products	USN-5	As an admin, I can add, update, and delete products.	3	High	Raahitya
2	Products	USN-6	As a user, I can view all products listed.	2	High	Raahitya
2	Orders	USN-7	As a user, I can place an order with selected items.	4	High	Raahitya
2	Orders	USN-8	As an admin, I can view and update order status.	3	Medium	Raahitya
2	Feedback	USN-9	As a user, I can submit feedback with comments and a rating.	2	Low	Raahitya

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

**Sprint Tracker**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	4	5 Days	26 May 2025	31 May 2025	4	31 May 2025
Sprint-2	16	5 Days	01 June 2025	06 June 2025	16	06 June 2025

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**Velocity Calculation**

- **Total Story Points Completed:** 4 (Sprint-1) + 16 (Sprint-2) = **20**
- **Number of Sprints:** 2
- **Average Velocity:**  $20 \div 2 = 10$  **Story Points per Sprint**
- **Velocity per Day:**  $10 \div 5 = 2$  **Story Points per Day**