Project Planning Phase

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

Team ID	**LTVIP2025TMID20429**
Project Name	ShopEZ: One Stop Shop For Online Purchases
Date	19 July 2025
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 by entering email, password, and confirming password.	2	High	
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email after registering.	1	High	
Sprint-1	Registration	USN-3	As a user, I can register using Gmail.	2	Medium	
Sprint-1	Login	USN-4	As a user, I can log into the application using email & password.	1	High	
Sprint-2	Product Browsing	USN-5	As a user, I can view and filter products based on category and price.	3	High	

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Cart	USN-6	As a user, I can add and remove products from the cart.	2	High	
Sprint-2	Checkout	USN-7	As a user, I can enter shipping details and make payment.	3	High	
Sprint-3	Order Tracking	USN-8	As a user, I can view my order status and history.	2	Medium	
Sprint-3	Admin Dashboard	USN-9	As an admin, I can manage users, products, and view orders.	4	High	

Project Tracker, Velocity & Burndown Chart (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed
Sprint-1	6	6 Days	01 Aug 2025	06 Aug 2025	6
Sprint-2	8	6 Days	07 Aug 2025	12 Aug 2025	8
Sprint-3	6	6 Days	13 Aug 2025	18 Aug 2025	6

Velocity:

Average team velocity:

- Sprint Duration: 6 days
- Velocity: 20 story points per sprint

- **Average Velocity** = 20 ÷ 6 = **3.33 story points/day**

Burndown Chart:

A burndown chart shows remaining work over time. ShopEZ's agile team can plot story points left on the Y-axis and sprint days on the X-axis to visualize progress and adjust pace if necessary.