

## Project Planning Phase

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

Date	30 july 2025
Team ID	PNT2025TMID14651
Project Name	ShopEZ: E-commerce Application
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 for the application by entering my email, password, and confirming my password.	2	High	Member 1
Sprint-1	Registration	USN-2	As a user, I will receive a confirmation email once I have registered for the application.	1	High	Member 2
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook.	2	Low	Member 3

Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail.	2	Medium	Member 4
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password.	1	High	Member 1
Sprint-2	Dashboard	USN-6	As a user, I can view a personalized dashboard after login.	3	High	Member 2
Sprint-2	Product Browsing	USN-7	As a user, I can browse products by category.	3	High	Member 3
Sprint-3	Product Search	USN-8	As a user, I can search products by name or keyword.	2	Medium	Member 4
Sprint-3	Cart Management	USN-9	As a user, I can add and remove items from my cart.	3	High	Member 1
Sprint-4	Checkout & Payment	USN-10	As a user, I can complete my purchase using secure payment methods.	4	High	Member 2

### 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	8	2 Days	22 july 2025	22 july 2025	8	24 july 2025
Sprint-2	8	2 Days	25 july 2025	25 july 2025	8	27 july 2025
Sprint-3	5	2 Days	28 july 2025	28 july 2025	5	30 july 2025
Sprint-4	4	1 Days	31july 2025	31july 2025	4	1 Aug 2025

### Velocity Calculation:

Given: Sprint duration = 3 days, Average Story Points per Sprint  $\approx 7$ .

Velocity (Actual)= $\frac{\text{Total Duration}}{\text{Total Story Points Completed}}$ = $\frac{25}{7} \approx 3.57$  points/day