Project Planning Phase Documentation

Project: MERN Ecommerce

Date: 7 August 2025

Team ID: [PNT2025TMID10691]

1. Product Backlog and Sprint Schedule

The Product Backlog contains prioritized user stories and tasks, estimated with story points, and planned across sprints to ensure incremental delivery and effective project management.

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		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	

Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	
Sprint-1		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	

2. Project Tracker, Velocity & Burndown Chart

Sprint Progress

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	20	6 Days	14 july 2025	19 july 2025		
Sprint-2	20	6 Days	21 july 2025	26 Nov 2025		
Sprint-3	20	6 Days	27 july 2025	02 august 2025		

Sprint-4	20	4 Days	04 august 2025	07 Nov 2025		

Velocity

Velocity measures the amount of work a team can handle during a single sprint, expressed in story points. For example, a velocity of 20 story points per sprint means the team typically completes this much work each sprint.

Burndown Chart

A burndown chart visually represents the work left to do versus the time remaining in the sprint. It is widely used in Agile (like Scrum) to track progress and ensure the team stays on track to meet sprint goals.