

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

Date	1 JULY 2024
Team ID	SWTID1720091047
Project Name	Project – E-Commerce Platform
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint 1	User Authentication	USN-1	Implement user signup and login functionality	5	High	HRITHIK KHANNA. K.B, MAGESH KUMAR. S
Sprint 1	Product Listing	USN-2	Display product catalog with search and filter options	8	High	NAVEEN R, THULASI RAM REDDY V T
Sprint 2	Cart Management	USN-3	Add products to cart, adjust quantities, and calculate subtotals	6	Medium	HRITHIK KHANNA. K.B, MAGESH KUMAR. S
Sprint 2	Order Placement	USN-4	Allow users to place orders and view order history	7	Medium	NAVEEN R, THULASI RAM REDDY V T
Sprint 3	Admin Dashboard	USN-5	Create admin panel for product management	10	High	HRITHIK KHANNA.K. B, MAGESH KUMAR.S
Sprint 3	User Profile	USN-6	Enable users to manage their profiles and addresses	4	Low	NAVEEN R, THULASI RAM REDDY V T

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint 4	Payment Gateway Integration	USN-7	Integrate payment gateway for secure transactions	8	High	HRITHIK KHANNA.K. B, MAGESH KUMAR.S
Sprint 4	Product Reviews	USN-8	Allow users to leave reviews and ratings	5	Medium	NAVEEN RTHULASI RAM REDDY V T
Sprint 5	Order Tracking	USN-9	Implement order tracking and notifications	6	Medium	HRITHIK KHANNA. K.B, MAGESH KUMAR. S
Sprint 5	Responsive Design	USN-10	Ensure app works seamlessly on various devices	4	Low	NAVEEN R, THULASI RAM REDDY V T
Sprint 6	Wishlist	USN-11	Enable users to create and manage wishlists	3	Low	HRITHIK KHANNA. K.B, MAGESH KUMAR. S
Sprint 6	SEO Optimization	USN-12	Optimize app for search engines	7	High	NAVEEN R, THULASI RAM REDDY V T

Project Tracker, Velocity :

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	13	7 Days	20 Jun 2024	27 Jun 2024	13	28 Jun 2024
Sprint-2	13	8 Days	22 Jun 2024	29 Jun 2024	13	29 Jun 2024
Sprint-3	14	9 Days	22 Jun 2024	30 Jun 2024	14	30 Jun 2024
Sprint-4	13	6 Days	25 Jun 2024	30 Jun 2024	13	30 Jun 2024
Sprint-5	10	5 Days	28 Jun 2024	2 Jul 2024	10	2 Jul 2024
Sprint-6	10	6 Days	29 Jun 2024	4 Jul 2024	10	4 Jul 2024

Velocity:

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}}$$

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Sprint-1 Velocity:

Velocity = $13 / 7 = 1.857$ story points per day

Sprint-2 Velocity:

Velocity = $13 / 8 = 1.625$ story points per day

Sprint-3 Velocity:

Velocity = $14 / 9 = 1.556$ story points per day

Sprint-4 Velocity:

Velocity = $13 / 6 = 2.167$ story points per day

Sprint-5 Velocity:

Velocity = $10 / 5 = 2.0$ story points per day

Sprint-6 Velocity:

Velocity = $10 / 6 = 1.667$ story points per day