

Project Planning Phase

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

Date	27 June 2024
Team ID	SWTID1720001202
Project Name	Shop-EZ (E-commerce Website)
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation (2 Marks)

Use the below template to create product backlog and sprint schedule

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	Aarsh
Sprint-1	Registration	USN-2	As a user, I will receive a confirmation email once I have registered for the application.	1	High	Hemanthi ni
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook.	2	Low	Aquib
Sprint-2	Registration	USN-4	As a user, I can register for the application through Gmail.	2	Medium	Soham
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password.	1	High	Aarsh
Sprint-1	Dashboard	USN-6	As a user, I can view a personalized dashboard with my account	3	Medium	Hemanthi ni

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			information, order history, and recommended products.			
Sprint-2	Product Search	USN-7	As a user, I can search for products using keywords, filters, and categories.	5	High	Aquib
Sprint-2	Product Page	USN-8	As a user, I can view detailed information about a product, including images, descriptions, reviews, and ratings.	3	High	Soham
Sprint-3	Cart	USN-9	As a user, I can add products to my cart, view the cart, and update quantities or remove items.	3	High	Aarsh
Sprint-3	Checkout	USN-10	As a user, I can proceed to checkout, enter shipping and payment information, and place an order.	5	High	Hemanthi ni
Sprint-4	Order Confirmation	USN-11	As a user, I will receive an order confirmation email with the order details and estimated delivery date.	1	High	Aquib
Sprint-4	Order Tracking	USN-12	As a user, I can track the status of my order from shipment to delivery.	3	Medium	Soham
Sprint-5	Reviews & Ratings	USN-13	As a user, I can leave reviews and ratings for products I have purchased.	2	Medium	Aarsh

Project Tracker, Velocity & Burndown Chart: (2 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	20	3 Days	02-Jul-24	04-Jul-24	20	04-Jul-24
Sprint-2	20	3 Days	05-Jul-24	07-Jul-24	20	07-Jul-24
Sprint-3	20	2 Days	08-Jul-24	09-Jul-24	20	09-Jul-24
Sprint-4	20	2 Days	10-Jul-24	11-Jul-24	20	11-Jul-24

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day).

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$