

Project Planning Phase

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

Date	20 February 2025
Team ID	LTVIP2026TMIDS41763
Project Name	ShopEZ:One-Stop Shop for Online Purchases
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation (4 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 using email & password.	3	High	Thathireddy Lokitha
Sprint-1	Registration	USN-2	As a user, I receive confirmation email after registration.	2	High	Yadavakunta Pradeep Reddy
Sprint-1	Login	USN-3	As a user, I can login using email & password.	2	High	Thathireddy Lokitha
Sprint-1	Dashboard	USN-4	As a user, I can view product listings.	3	High	M Sai Dhiraj Kumar
Sprint-1	Product Management	USN-5	As admin, I can add products.	3	High	Yadavakunta Pradeep Reddy
Sprint-1	Product Management	USN-6	As admin, I can update/delete products.	3	Medium	M Sai Dhiraj Kumar
Sprint-2	Cart Management	USN-7	As a user, I can manage cart items.	3	High	Thathireddy Lokitha
Sprint-2	Order Management	USN-8	As a user, I can place an order.	3	High	Yadavakunta Pradeep Reddy
Sprint-2	Payment Integration	USN-9	As a user, I can make secure payment using Razorpay.	5	High	M Sai Dhiraj Kumar
Sprint-2	Order Tracking	USN-10	As a user, I can view order status.	2	Medium	Thathireddy Lokitha

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	16	6 Days	01 Feb 2025	06 Feb 2025	16	06 Feb 2025
Sprint-2	18	6 Days	08 Feb 2025	13 Feb 2025	18	13 Feb 2025

Velocity:

- **Total completed points = $16 + 18 = 34$**
- **Number of sprints = 2**
- **Team velocity = $34 / 2 = 17$ story points per sprint**

Average Velocity per Day:

- **Assuming sprint duration = 6 days**
- **AV per day = $17 / 6 = 2.83$ story points/day**
- **If target velocity is 18 per sprint= $18 / 6 = 3$ story points/day**

Burndown Chart:

