

Project Planning Phase

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

Date	1 November 2025
Team ID	NM2025TMIDO6238
Project Name	CRM Application for Jewel Management - (Developer)
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 Member
Sprint-1	Jewel Customer Management	USN-1	As a developer, I can create and manage jewel customer records.	3	High	Developer 1
Sprint-1	Item & Price Management	USN-2	As a developer, I can add and update jewel items with price details.	4	High	Developer 2
Sprint-1	User Login	USN-3	As a developer, I can implement secure login and authentication.	2	High	Developer 3
Sprint-1	Admin Dashboard	USN-4	As a developer, I can create a dashboard to view key metrics.	3	High	Developer 4
Sprint-2	Customer Orders	USN-5	As a developer, I can manage customer orders and inventory with jewel details.	4	Medium	Developer 1
Sprint-2	Billing	USN-6	As a developer, I can generate automated billing for customers.	4	Medium	Developer 2
Sprint-2	Notifications	USN-7	As a developer, I can add customer notification for completed orders.	3	Medium	Developer 3
Sprint-2	Security & Roles	USN-8	As a developer, I can configure access roles for admin employees.	3	Medium	Developer 4
Sprint-3	Reports & Analytics	USN-9	As a developer, I can generate reports for sales, customers, and billing.	4	Medium	Developer 1
Sprint-3	Testing	USN-10	Validate that CRUD operations and reports function correctly.	3	Medium	Developer 2
Sprint-3	UI Enhancement	USN-11	As a developer, I can improve UI design and responsiveness.	3	Medium	Developer 3
Sprint-3	Data Backup	USN-12	As a developer, I can enable data backup and restore mechanisms.	3	Medium	Developer 4
Sprint-4	Deployment	USN-13	Deploy the CRM Jewel Management application.	3	Medium	Developer 1
Sprint-4	Documentation	USN-14	Prepare full documentation for the system.	3	Medium	Developer 2
Sprint-4	Maintenance	USN-15	As a developer, I can monitor system maintenance and updates.	3	Medium	Developer 3
Sprint-4	Final Testing & Review	USN-16	Conduct final review and testing of the full system.	3	Medium	Developer 4

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	20	6 Days	01 Nov 2025	06 Nov 2025	20	06 Nov 2025
Sprint-2	20	6 Days	07 Nov 2025	12 Nov 2025	20	12 Nov 2025
Sprint-3	20	6 Days	13 Nov 2025	18 Nov 2025	19	18 Nov 2025
Sprint-4	20	6 Days	19 Nov 2025	24 Nov 2025	20	24 Nov 2025

Velocity

Average Velocity = (Total Story Points Completed) / (Total Duration in Days)

Total: 79 points over 24 days → Velocity = 3.29 points/day

Burndown Chart (Description):

A burndown chart shows remaining work vs time for each sprint. It helps track progress and ensures project completion within timeline. Your burndown chart should show:

- X-axis → Days
- Y-axis → Remaining Story Points
- Ideal line vs Actual completion line