Project Planning Phase

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

Date	01/11/2025
Team ID	NM2025TMID04501
Project Name	CRM Application for Jewel Management - (Developer)
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Customer Management	USN-1	As an admin, I can create and manage customer records.	3	High	Maha Lakshmi M
Sprint-1	Jewellery Item Management	USN-2	As a user, I can add and update jewellery items (gold, silver, diamond).	4	High	Muthu Priya S
Sprint-2	Sales Record Management	USN-3	As a staff, I can record and view sales transactions in real time.	4	High	Mari Sundari S
Sprint-2	Formula Field Setup	USN-4	As a developer, I can implement formula fields to auto-calculate jewellery prices.	3	High	Mahalakshmi S
Sprint-3	Validation Rules & Automation	USN-5	As an admin, I can set validation rules and workflows to ensure data accuracy.	3	Medium	Muthu Priya S
Sprint-3	Email Alerts & Dashboards	USN-6	As a user, I can receive stock alerts and view sales dashboards.	3	Medium	Mari Sundari S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Testing and Documentation	USN-7	As a tester, I can verify all modules and prepare final documentation.	2	Medium	Muthu Priya S

Project Tracker, Velocity & Burndown Chart

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	6 Oct 2025	12 Oct 2025	20	12 Oct 2025
Sprint-2	20	6 Days	13 Oct 2025	18 Oct 2025	19	18 Oct 2025
Sprint-3	20	6 Days	19 Oct 2025	24 Oct 2025	20	24 Oct 2025
Sprint-4	20	6 Days	25 Oct 2025	31 Oct 2025	20	31 Oct 2025

Velocity Calculation:

Average Velocity = (Total Story Points Completed) / (Total Duration in Days)
Total = 16 points over 9 days → **Velocity = 1.78 points/day**

Burndown Chart:

A burndown chart shows the remaining work (story points) against time (days). It helps the team track progress and predict project completion. In this project, the burndown chart shows consistent progress across all sprints, indicating effective task management and steady development speed.

References:

1. https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

2. https://www.atlassian.com/agile/tutorials/burndown-charts

3. https://www.atlassian.com/agile/project-management

4. https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

5. https://www.atlassian.com/agile/tutorials/epics

6. https://www.atlassian.com/agile/tutorials/sprints

7. https://www.atlassian.com/agile/project-management/estimation