Project Planning Phase

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

Date	3 NOVEMBER 2025
Team ID	NM2025TMID06540
Project Name	CRM Application for Jewel Management (Developer)
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Backlog ID	User Story / Feature	Priority	Description	Acceptance Criteria
PB-01	As an admin, I want to create and manage Jewel Customer records	High	Enable creation, editing, and storage of customer details (name, contact, address, purchase history).	Customer records can be added, updated, and linked to related items and orders.
PB-02	As a developer, I want to design an Item object for jewelry details	High	Create Item object with fields for ornament, weight, stone weight, purity, and price linkage.	Item records can be linked to Jewel Customers and Price records.
PB-03	As a user, I want real-time pricing calculations for gold and silver	High	Implement formula fields for purity-based pricing and weight calculations.	Gold/Silver price updates reflect accurately in item records.

Velocity

Velocity is an Agile metric used to measure the amount of work completed by the development team during each sprint. It helps in forecasting future sprint capacity, project timelines, and overall progress for the CRM Application for Jewel Management project.

In this project, velocity is measured using story points, assigned based on task complexity, effort, and time required for completion.

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

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

https://www.visua l - paradigm.com/scrum/scru m -b urndow n - chart/
https://www.atlassian.com/agile/tutorials/burndow n -c hart s

Reference: https://www.atlassian.com/agile/projec t - management
https://www.atlassian.com/agile/tutorials/ho w -t_o -d_o - scru m -w it h - jira - software   https://www.atlassian.com/agile/tutorials/epic s
https://www.atlassian.com/agile/tutorials/sprint s
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