PROJECT PLANNING PHASE

Project Details :

Date	1 November 2025
Team ID	NM2025TMID06045
Project Title	CRM Application for Jewel Management – (Developer)
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation :

Sprint	Functional Requirement (Epic)	User Story / Task	Story Points	Team Members
Sprint 1	Salesforce Environment Setup	Set up Salesforce Developer account and initialize project workspace	High	Amrin Fathima Janofar A
Sprint 1	Object and Data Model Creation	Create Jewel, Customer, and Transaction objects with relationships	High	Aneesha K
Sprint 2	Interface Development (Lightning)	Design Lightning App with tabs for Customer and Jewel data management	High	Anuja R
Sprint 2	Validation C Field Customization	Add validation rules, custom fields, and dependencies	Medium	Atchaya P
Sprint 3	Role C Access Management	Configure profiles, permissions, and record-level security	Medium	Amrin Fathima Janofar A
Sprint 3	Record Management C Page Layouts	Customize record pages with layouts and dynamic components	Medium	Aneesha K
Sprint 4	Automation C Workflow	Implement triggers, process builder flows, and approval automation	High	Anuja R

Project Tracker, Velocity s Burndown Chart :

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed
Sprint 1	20	6 Days	1 Oct 2025	6 Oct 2025	20
Sprint 2	20	6 Days	7 Oct 2025	12 Oct 2025	20
Sprint 3	20	6 Days	13 Oct 2025	18 Oct 2025	19
Sprint 4	20	6 Days	19 Oct 2025	24 Oct 2025	20

Velocity Calculation :

Average Velocity $=$ (Total Story Points Completed) $\div$ (Total Duration in Days)

$= (79 \div 45) = $ **1.75 Story Points per Day**

The team maintained a steady development pace, ensuring consistent progress across all four sprints.

Burndown Chart Explanation :

A burndown chart was used to track the remaining work against time for each sprint. It visually represented how the project scope was completed step by step, helping the team identify progress trends and maintain focus on sprint goals. The chart showed consistent task completion and helped ensure timely delivery of each module.

References :

- **Salesforce Developer Guide**, Salesforce Inc. – https://developer.salesforce.com/docs
- **Trailhead by Salesforce**, Official Learning Platform – https://trailhead.salesforce.com
- **Atlassian Agile Project Management Documentation** – https://www.atlassian.com/agile
- **Salesforce Admin Beginner Module**, Trailhead – https://trailhead.salesforce.com/en/users/strailhead/trailmixes/admin-beginner
- **Jewel Management System Design Concepts**, CRM Case Studies (Medium C GitHub Sources, 2024)
- **Agile and Scrum Methodologies**, Atlassian Agile Coach – https://www.atlassian.com/agile/scrum
- **Salesforce Lightning Platform Overview**, Salesforce Docs – https://developer.salesforce.com/docs/platform/lightning