PROJECT PLANNING PHASE

PROJECT PLANNING TEMPLATE (PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORY POINTS)

Date:	2 NOVEMBER 2025
Team ID:	NM2025TMID00668
Project Name:	Calculating Family Expenses using ServiceNow
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	Setup & Configuration	USN-1	As an admin, I want to create custom tables for Family Expenses and Daily Expenses.	3	High	Abilash Kannan S J
Sprint-1	Data Entry Forms	USN-2	As a family member, I want to add expense entries through a user-friendly form.	5	High	Lelin Roch R
Sprint-1	Member Management	USN-3	As an admin, I want to add and manage family member profiles.	3	High	Konar Nambi Boobalan
Sprint-2	Data Validation	USN-4	As a system, I must validate mandatory fields (Date, Amount) before saving.	4	High	Abilash Kannan S J

Sprint-2	Expense Calculation	USN-5	As an admin, I want the system to automatically calculate total expenses by member.	5	High	Ajay M
Sprint-2	Category Management	USN-6	As a family member, I want to categorize expenses (Food, Bills, Transport, etc.).	3	Medium	Lelin Roch R
Sprint-3	Report Generation	USN-7	As an admin, I want to generate monthly expense reports with charts.	5	Medium	Ajay M
Sprint-3	Search & Filter	USN-8	As a user, I want to search and filter expenses by date, member, and category.	4	Medium	Konar Nambi Boobalan
Sprint-4	Dashboard Creation	USN-9	As an admin, I want a dashboard showing total expenses, trends, and summaries.	5	Low	Ajay M
Sprint-4	Testing & Documentation	USN-10	As a developer, I want to test all features and create user documentation.	3	Medium	Lelin Roch R

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

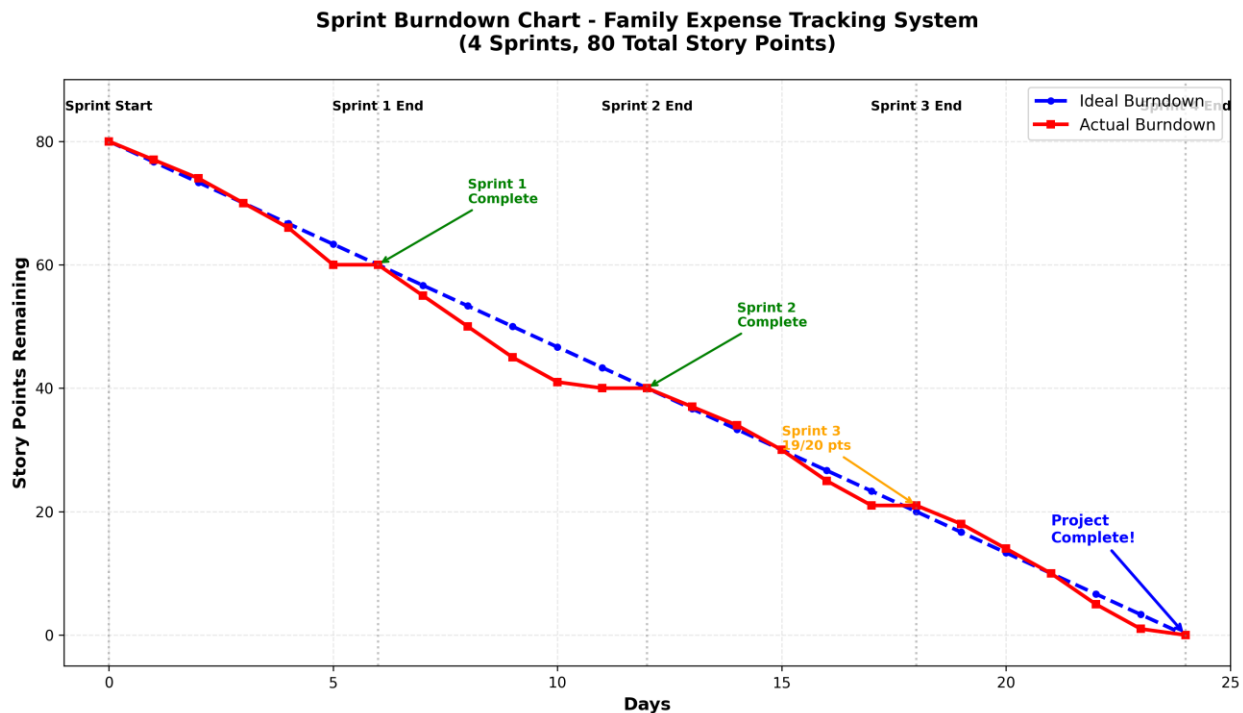| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	01 June 2025	06 June 2025	20	06 June 2025
Sprint-2	20	6 Days	07 June 2025	12 June 2025	20	12 June 2025
Sprint-3	20	6 Days	13 June 2025	18 June 2025	19	18 June 2025
Sprint-4	20	6 Days	19 June 2025	24 June 2025	20	24 June 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:

      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.

Reference:

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

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

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

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

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

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

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