

Project Planning Phase

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

Date	17 February 2026
Team ID	LTVIP2026TMIDS67078
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	Expense Management	USN-1	As a user, I can add daily expenses with date, amount, and details	3	High	Team
Sprint-1	Expense Management	USN-2	As a user, I can view all expenses in the system	2	High	Team
Sprint-2	Expense Tracking	USN-3	As a user, I can calculate total expenses automatically	3	High	Team
Sprint-2	Expense Tracking	USN-4	As a user, I can view expenses grouped by date	2	Medium	Team
Sprint-3	Reporting	USN-5	As a user, I can check expense summary and reports	3	Medium	Team
Sprint-3	Admin Control	USN-6	As an admin, I can manage expense records	2	High	Team

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
Sprint-1	10	5 Days	01 Feb 2026	05 Feb 2026	10	05 Feb 2026
Sprint-2	10	5 Days	06 Feb 2026	10 Feb 2026	10	10 Feb 2026
Sprint-3	10	5 Days	11 Feb 2026	15 Feb 2026	10	15 Feb 2026
Sprint-4	10	5 Days	16 Feb 2026	20 Feb 2026	10	20 Feb 2026

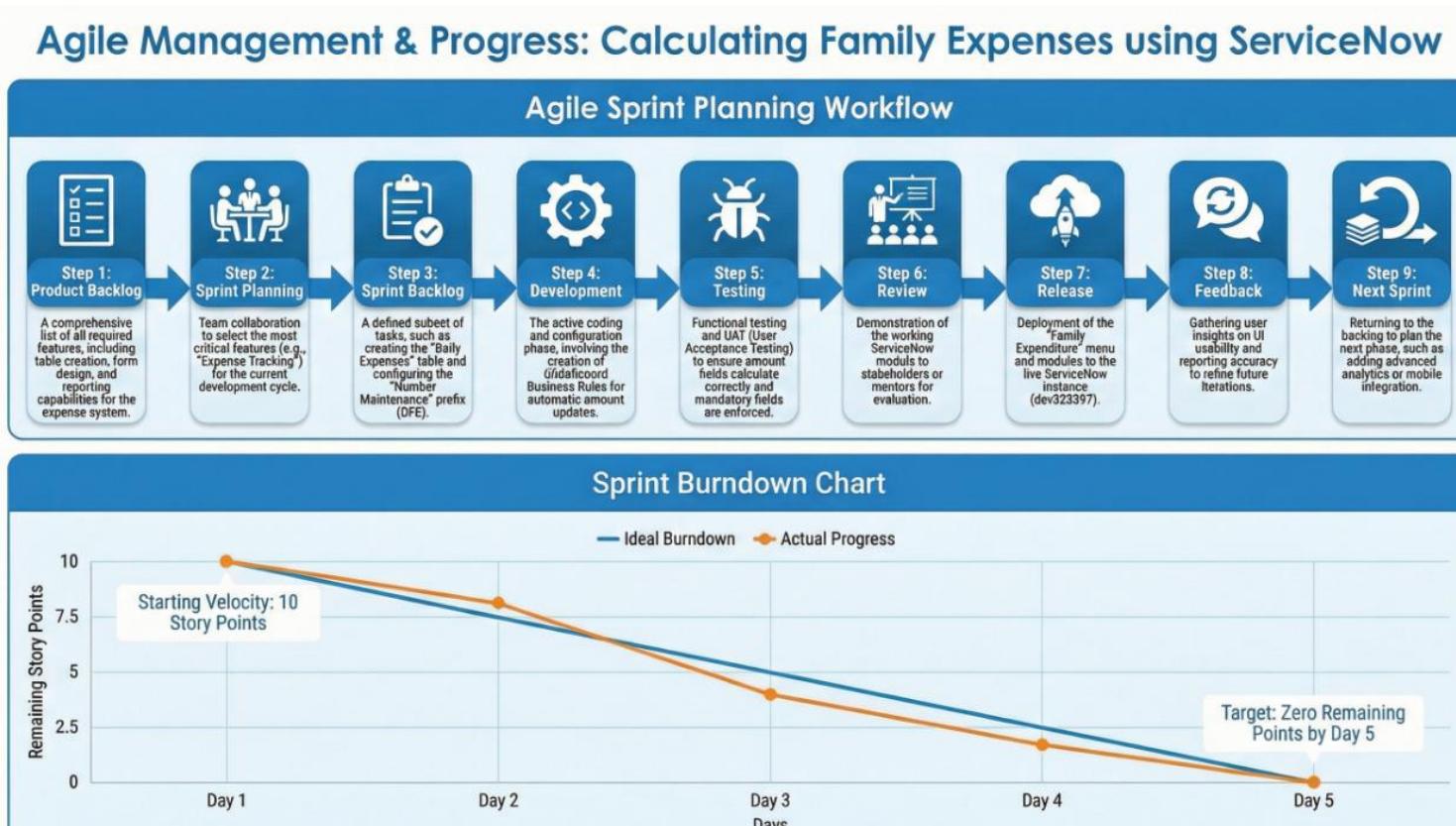
Velocity:

The team followed a 5-day sprint duration for each iteration. The total story points completed per sprint were approximately 10. Therefore, the average velocity of the team is calculated as:

$$\text{Velocity} = \text{Total Story Points} / \text{Sprint Duration} = 10 / 5 = 2 \text{ points per day}$$

This velocity helped the team estimate workload and plan future sprints efficiently.

Burndown Chart:



A burndown chart is used to track the progress of work completed versus the remaining work in each sprint. In this project, the burndown chart helped monitor the completion of user stories related to expense entry, tracking, reporting, and administration features. The chart ensured that the development stayed on schedule and allowed early identification of delays.

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

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

Reference:

<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>

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