

# **Project Planning Phase**

## **Project Planning (Product Backlog, Sprint Planning, Stories, Story Points)**

Date: 03 November 2025

Team ID: NM2025TMID07316

Project Name: Calculating Family Expenses through ServiceNow

Maximum Marks: 5 Marks

Sprint No.	Duration	Total Story Points	Sprint Start Date	Sprint End Date (Planned)	Completed (as on Planned)
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Sprint 1	Day 1	9	24-Oct-2025	24-Oct-2025	9
Sprint 2	Day 2	8	25-Oct-2025	25-Oct-2025	8

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

Requirement (Epic/Us)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Expense Entry As a family member, US-01		I want to add daily expenses so that I can track my spending.	High sp5	High	Adchaya J
Expense Categorization As a user	US-02	I want to categorize expenses (e.g., Food, Rent, Utilities) for better insights.	Medium 4	Medium	Afrah Riyas
User & Role Management As an admin	US-03	I want to manage users and assign roles for secure expense access.	High	High	Akishma S
Budget Management As a user, I want to set monthly budgets and receive alerts if it exceeds.	US-04	I want to set monthly budgets and receive alerts if it exceeds.	Medium 3	Medium	Adchaya J, Akishma
Report Generation	US-05	As a system, I want to generate monthly and yearly expense reports.	Medium 4	Medium	Akishma S
Dashboard Visualization	US-06	I want to view visual charts of spending trend by category.	Medium 6	Medium	Afrah Riyas
Workflow Automation	US-07	I want to automate report generation and budget alerts using.	Medium 7	Medium	Adchaya J

### Sprint Schedule and Estimation:

Sprint No.	Duration Covered	User Stories	Total Story Points	Sprint Goal
Sprint 1	Day 1	US-01, US-02	9	Implement basic expense entry and categorization features.
Sprint 2	Day 2	US-03, US-04	8	Implement user roles and budget management.
Sprint 3	Day 4	US-05, US-06	10	Enable reporting and dashboard visualizations.
Sprint 4	Day 6	US-07	7	Integrate reporting and budget alerts using API design.

### Project Tracker Table:

Sprint No.	Duration	Total Story Points	Sprint Start Date	Sprint End Date (Planned)	Completed (as on Planned)
Sprint 3	Day 4	10	27-Oct-2025	27-Oct-2025	9
Sprint 4	Day 6	7	31-Oct-2025	31-Oct-2025	7

### Sprint Velocity Summary:

Sprint No.	Story Points Planned	Story Points Completed	Velocity
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Sprint 1	9	9	100%
Sprint 2	8	8	100%
Sprint 3	10	9	90%
Sprint 4	7	7	100%

### Average Team Velocity:

$$(9 + 8 + 9 + 7) \div 4 = 8.25 \text{ Story Points per Sprint}$$

### Burndown Chart:

The burndown chart visually represents the completion of story points across sprints, indicating steady project progress.