

## Project Planning Phase

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

Date	2 November 2025
Team ID	NM2025TMID05198
Project Name	Calculating Family Expenses using ServiceNow
Maximum Marks	5 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
<b>Sprint-1</b>	Setup & Environment	<b>USN-1</b>	As a developer, I want to create and configure a ServiceNow Developer Instance.	2	High	Muthuraja K
<b>Sprint-1</b>	Table Creation	<b>USN-2</b>	As a developer, I will create tables for Family Expenses and Daily Expenses with required fields.	3	High	Muthuraja K
<b>Sprint-1</b>	Auto Number Configuration	<b>USN-3</b>	As a developer, I will configure auto-numbering using Number Maintenance for both tables.	2	High	Samuel Jebasrit D
<b>Sprint-2</b>	Business Rule Development	<b>USN-4</b>	As a system admin, I will create a Business Rule to automate total expense calculation.	4	High	Samuel Jebasrit D

<b>Sprint-2</b>	Relationship Configuration	<b>USN-5</b>	As a developer, I will link Family and Daily Expenses tables using a Relationship field.	3	Medium	Loga Manoj G
<b>Sprint-3</b>	Form Design & Validation	<b>USN-6</b>	As a UI designer, I will customize forms, make required fields mandatory, and ensure usability.	3	Medium	Loga Manoj G
<b>Sprint-3</b>	Reports and Dashboards	<b>USN-7</b>	As a user, I will view monthly summaries through dashboards and reports.	4	Medium	Thomas Edison P
<b>Sprint-4</b>	Testing & Documentation	<b>USN-8</b>	As a tester, I will verify automation accuracy and document the project.	3	High	Thomas Edison P

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

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
<b>Sprint-1</b>	7	1 Day	31 Oct 2025	31 Oct 2025	7	31 Oct 2025
<b>Sprint-2</b>	7	1 Day	01 Nov 2025	01 Nov 2025	7	01 Nov 2025
<b>Sprint-3</b>	7	1 Day	02 Nov 2025	02 Nov 2025	7	02 Nov 2025

### Velocity Calculation:

Average Velocity = Total Story Points Completed/ Total Duration (in Days)

Average Velocity =  $21/3 = 7$  points/day

### Burndown Chart:

