

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
Sprint-1	Setup & Environment	USN-1	As a developer, I want to create and configure a ServiceNow Developer Instance.	2	High	Muthuraja K
Sprint-1	Table Creation	USN-2	As a developer, I will create tables for Family Expenses and Daily Expenses with required fields.	3	High	Muthuraja K
Sprint-1	Auto Number Configuration	USN-3	As a developer, I will configure auto-numbering using Number Maintenance for both tables.	2	High	Samuel Jebasrit D
Sprint-2	Business Rule Development	USN-4	As a system admin, I will create a Business Rule to automate total expense calculation.	4	High	Samuel Jebasrit D

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

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	7	1 Day	31 Oct 2025	31 Oct 2025	7	31 Oct 2025
Sprint-2	7	1 Day	01 Nov 2025	01 Nov 2025	7	01 Nov 2025
Sprint-3	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:

