

## Project Planning Phase

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

Date	2 NOVEMBER 2025
Team ID	NM2025TMID09055
Project Name	Calculating Family Expenses using Service Now
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	ServiceNow Setup	USN-1	Set up ServiceNow developer instance	3	High	Arthy P R
Sprint-1	ServiceNow Setup	USN-2	Create new update set for customizations	2	High	Antonia Shireen P
Sprint-2	Database Design	USN-3	Create Family and User tables	3	High	Aswinie A M
Sprint-2	Database Design	USN-4	Create Daily Expenses table	3	High	Benzehor Roalent Smieeth C
Sprint-2	Database Design	USN-5	Establish relationships between tables.	2	Medium	Antonia Shireen P
Sprint-3	Configuration	USN-6	Configure related list on Family Expenses.	3	Medium	Arthy P R

Sprint-3	Configuration	USN-7	Create and test business rules	4	High	Benzehor Roalent Smieeth C
Sprint-4	Testing & Deployment	USN-8	Test all modules and validate data flow	5	High	Aswinie A M
Sprint-4	Testing & Deployment	USN-9	Deploy the system and review final output	2	Medium	Arthy P R

**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>
Sprint-1	5	7 Days	07 October 2025	09 October 2025	5	13 October 2025
Sprint-2	8	7 Days	13 October 2025	19 October 2025	7	19 October 2025
Sprint-3	7	7 Days	19 October 2025	25 October 2025	6	25 June 2025
Sprint-4	7	7 Days	25 October 2025	31 October 2025	7	31 October 2025

## Velocity:

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

Velocity: ~6.25 Story Points per Sprint

**Trend:** Increasing consistency in delivery across sprints

**Observation:** Slight delay in Sprint 2 and 3, but completed all tasks before final release

## Burndown Chart:

A **burndown chart** shows remaining work versus time.

It tracks sprint progress—story points decrease daily until reaching zero, showing consistent

task completion and timely delivery

