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

Date	02 Nov 2025
Team ID	NM2025TMID01191
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 Logging & Setup	USN-1	As an admin, I can create the custom tables: Daily Expenses (D1) and Family Expenses (D2).	2	High	R.S.S. Manoj
Sprint-1	Expense Logging & Setup	USN-2	As a family member, I can log a daily expense quickly with the date, amount, and comments.	3	High	N. Durga Mahendra
Sprint-2	Data Aggregation Logic	USN-3	As a system admin, I want a Business Rule to automatically aggregate D1 entries into the single D2 daily total record.	5	High	N. Durga Mahendra
Sprint-2	Testing & Validation	USN-4	As a tester, I should verify the aggregation BR correctly handles both new and existing daily total records.	4	High	N. Gowtham
Sprint-3	Reporting & UX	USN-5	As a manager, I want a simple report to view the aggregated daily totals from the D2 table.	3	Medium	O. Sravani
Sprint-3	Documentation	USN-6	As a developer, I want to document the DFD/Flow and the Business Rule logic for submission.	3	Medium	N. Durga Mahendra

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	5	6 Days	10 Oct 2025	15 Oct 2025	5	15 Oct 2025
Sprint-2	9	6 Days	16 Oct 2025	21 Oct 2025	9	21 Oct 2025
Sprint-3	6	6 Days	22 Oct 2025	27 Oct 2025	6	27 Oct 2025
Total	20	18 Days			20	

Velocity

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

Total: 16 points over 9 days → **Velocity = 1.78 points/day**

Velocity Calculation

- **Total Story Points Completed: 20 points**

- **Total Duration: 18 days**

- **Average Velocity = Total Story Points Completed / Total Duration**

- **Average Velocity = 20 / 18 ≈ 1.11 points/day**

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

Burndown Chart: Family Expenses Tracker