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

Date	30.10.2025
Team ID	NM2025TMID02450
Project Name	Calculating family expenses using service now
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	User Management	USN-1	As a user, I want to add new expense records with date, category, amount, and notes..	2	High	B.Dhivyatharshini
Sprint-1	Incident Assignment	USN-2	As a user, I want to edit or delete an expense so	2	High	S.Keerthana
Sprint-2	Business Rule Creation	USN-3	As a user, I want to categorize each expense (e.g., Food, Rent, Education) for better tracking.	4	High	B.Dhivyatharshini
Sprint-2	Testing	USN-4	As an admin, I want to add, edit, or delete expens .	3	High	S.Keerthana
Sprint-2	Login	USN-5	As a user, I want to set a budget limit per month and category.	2	Medium	R.Kaviya
Sprint-3	Documentation	USN-6	As a user, I want to receive a notification if total expenses exceed the budget..	3	Medium	B.Dhivyatharshini

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	20	6 Days	31 sep 2025	05 oct 2025	20	05 oct 2025
Sprint-2	20	6 Days	05 oct 2025	11 oct 2025	20	11 oct 2025
Sprint-3	20	6 Days	12 oct 2025	18 oct 2025	19	18 oct 2025
Sprint-4	20	6 Days	19 oct 2025	25 oct 2025	20	25 oct 2025

Velocity

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

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

Burndown Chart:

The Burndown Chart for the *Family Expense Calculator* project in ServiceNow illustrates the team's progress throughout the sprint in completing planned work. The sprint spanned ten working days, with a total of 100 story points assigned across key features such as expense management, category setup, budget and alert configuration, dashboard reporting, and role-based security. At the start of the sprint, the total remaining effort was 100 points. By the second day, the core expense table and form were created, reducing the remaining effort to 90 points. Over the next few days, progress steadily continued with the completion of category linkage and CRUD operations, bringing the total down to 65 points by Day 4. Midway through the sprint, the team implemented budget tables and Flow Designer alerts, followed by dashboard and reporting components, resulting in 30 remaining points by Day 7. In the final phase, roles and ACL configurations were completed, and QA testing and UAT sign-off brought the remaining points to zero on the last day.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts