

Project Planning Phase

Date	2 November 2025
Team ID	NM2025TMID05455
Project Name	Calculating Family Expenses using ServiceNow
Maximum Marks	5 Marks

Project Planning Phase - Family Expenses Using ServiceNow

The project planning phase for **Calculating Family Expenses Using ServiceNow** focuses on defining the roadmap to develop a cloud-based expense management system that helps families organize, track, and analyze their income and spending. This phase ensures that all project goals, resources, schedules, and deliverables are clearly defined before implementation.

Product Backlog, Sprint Schedule & Estimation Table:

Sprint	Backlog ID	Feature / Task	Description	Priority	Story Points	Estimated Hours
1	PB01	User Authentication	Secure login for family members	High	8	14
1	PB02	Requirement Analysis & Setup	Gather requirements and configure ServiceNow environment	High	7	12
2	PB03	Expense Management Module	Add, edit, and manage daily expenses	High	10	18
2	PB04	Category Management Module	Manage categories such as groceries, rent, and utilities	High	8	14
3	PB05	Budget Planning	Set and monitor monthly budgets	Medium	6	10
3	PB06	Report Generation	Generate reports for spending and savings	Medium	5	8
3	PB07	Automation & Notifications	Send alerts for budget limits and reminders	High	10	18
4	PB08	Data Analytics Dashboard	Display visual charts for family expenses and savings	Medium	6	10
4	PB09	Feedback & Documentation	Create feedback form and system documentation	Medium	5	8

Summary:

- Total Story Points: 65
- Total Estimated Hours: ~112 hours
- Project Duration: 4 weeks (4 Sprints)

Project Tracker, Velocity & Burndown:

Sprint	Tasks / Modules	Planned Story Points	Completed Story Points	Velocity (Points per Sprint)	Work Completed (%)	Work Remaining (Story Points)
1	Requirement Analysis, Environment Setup, User Authentication	15	14	14	22%	51
2	Expense & Category Management Modules	18	16	16	46%	35

3	Budget, Reports, and Automation	21	18	18	73%	17
4	Dashboard, Feedback, and Documentation	11	—	—	100% (Expected)	0

**Summary:**

- Total Planned Story Points: 65
- Total Completed Story Points (as of Sprint 2): 30
- Average Velocity: 15 story points per sprint
- Estimated Completion: End of Sprint 4