

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

Date	20 February 2026
Team ID	LTVIP2026TMIDS66399
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
Sprint-1	Registration	USN-1	As a user, I can register via email and password.	2	High
Sprint-1	Registration	USN-2	As a user, I receive a confirmation email after registering.	1	High
Sprint-1	Expense Tracking	USN-3	As a user, I can log a new expense entry.	3	High
Sprint-2	Reporting	USN-4	As a user, I can view a pie chart of my spending categories.	2	Medium
Sprint-2	Dashboard	USN-5	As a user, I can see a full financial dashboard of my budget.	5	High

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	20	10 Days	02 Mar 2026	13 Mar 2026	20	13 Mar 2026
Sprint-2	20	10 Days	16 Mar 2026	27 Mar 2026		
Sprint-3	20	10 Days	30 Mar 2026	10 Apr 2026		
Sprint-4	20	10 Days	13 Apr 2026	24 Apr 2026		

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Velocity Calculation

$$\text{Total Story Points: } 13 + 9 = 22 \text{ pts}$$

$$\text{Number of Sprints: } 2$$

$$\text{Velocity: } 22 / 2 = 11 \text{ Story Points per Sprint}$$

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.

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

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