

Project Planning Phase

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

Date	15 February 2025
Team ID	LTVIP2026TMIDS49230
Project Name	Gemini Pro Financial Decoder
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	File Upload Module	USN-1	As a user, I can upload Balance Sheet, P&L, and Cash Flow files in CSV/XLSX format.	2	High	veeradevi
Sprint-1	Data Processing	USN-2	As a user, I can see uploaded data displayed in the application.	2	High	veeradevi
Sprint-2	Visualization	USN-3	As a user, I can view numerical data trends using line charts.	2	Low	likithanad
Sprint-1	AI Integration	USN-4	As a user, I can generate AI-based financial summary and insights.	3	Medium	likithanand
Sprint-1	Report Display	USN-5	As a user, I can view the financial analysis report on screen.	1	High	abhaya
Sprint 3	PDF Generation	USN-6	As a user, I can download the financial report as a PDF file.	2	medium	meenakshi
Sprint 3	Security Configuration	USN-7	As a developer, I can securely manage API keys using environment variables.	1	medium	abhaya

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	12	16 Days	Dec 16 2025	Dec 31 2026	12	Dec 31 2026
Sprint-2	20	17 Days	Jan 1 2026	Jan 17 2026	20	jan 17 2026
Sprint-3	16	16 Days	Jan 18 2026	Feb 2 2026	16	Feb 2 2026
Sprint-4	16	18 Days	feb 3 2026	Feb 20 2026	16	Feb 20 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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

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.