

Project Planning Phase

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

Date	10 February 2026
Team ID	LTVIP2026TMIDS77691
Project Name	Empowering India: Analysing the Evolution of Union Budget Allocations for Sustainable Growth
Maximum Marks	8 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	Data Collection	USN-1	Search and collect suitable dataset for analysis	3	High	Surya Prakash
Sprint-1	Data Loading	USN-2	Load dataset into Tableau	1	High	Surya Prakash
Sprint-1	Data Preprocessing	USN-3	Handle data types and create required fields	2	High	Surya Prakash
Sprint-1	Data Cleaning	USN-4	Remove unwanted columns and prepare clean dataset	2	High	Surya Prakash
Sprint-2	Visualization Development	USN-5	Create required visualizations in Tableau	4	High	Surya Prakash
Sprint-2	Dashboard Development	USN-6	Design and build interactive dashboard	5	High	Surya Prakash
Sprint-3	Web Integration	USN-7	Integrate dashboard with Flask web interface	3	Medium	Surya Prakash
Sprint-3	Reporting	USN-8	Prepare documentation and project report	3	High	Surya Prakash
Sprint-3	Deployment	USN-9	Publish project and share final application link	2	Medium	Surya Prakash

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	8	5 Days	01 Feb 2026	05 Feb 2026	8	05 Feb 2026
Sprint-2	9	5 Days	06 Feb 2026	10 Feb 2026	9	10 Feb 2026
Sprint-3	8	5 Days	11 Feb 2026	15 Feb 2026	8	15 Feb 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)

$$AV = \text{Sprint Duration}/\text{velocity} = 25/5 = 5 \text{ story points per days}$$