Project Planning Phase

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

Date	2 Feb 2026
Team ID	LTVIP2026TMIDS24962
Project Name	Empowering India: Analysing the evolution of union budget allocations for sustainable growth
Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

print	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	As a developer, I want to collect Union Budget dataset (2021–2024) from Kaggle for analysis.	3	High	Maddi Ganesh
Sprint-1	Database Setup	USN-2	As a developer, I want to create MySQL database and import cleaned budget data..	4	High	Satwik Vemuri
Sprint-1	Data Cleaning	USN-3	As a developer, I want to clean and standardize revenue and capital columns.	3	High	Sobha Vinay Babu Merugumala
Sprint-2	SQL Queries	USN-4	As a developer, I want to write SQL queries for ministry-wise and scheme-wise analysis.	4	High	Polimetla Naveen Kumar
Sprint-2	Tableau Connection	USN-5	As a developer, I want to connect MySQL database with Tableau.	3	High	Maddi Ganesh
Sprint-2	Dashboard Design	USN-6	As a user, I want to view category-wise and department-wise budget dashboards.	4	High	Satwik Vemuri
Sprint-3	Data Visualization	USN-7	As a user, I want revenue vs capital comparison charts for multiple years.	3	Medium	Polimetla Naveen Kumar
Sprint-3	Story Creation	USN-8	As a user, I want an interactive story explaining key budget insights.	3	Medium	Sobha Vinay Babu Merugumala

Sprint-3	Web Integration	USN-9	As a user, I want the Tableau dashboard embedded in a Flask web interface.	4	High	Sobha Vinay Babu Merugumala

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	10	3 days	01 Feb 2026	3 Feb 2026	10	03 Feb 2026
Sprint-2	11	3 days	04 Feb 2026	06 Feb 2026	11	06 Feb 2026
Sprint-3	10	3 days	07 Feb 2026	09 Feb 2026	10	09 Feb 2026
Sprint-4	08	3 days	10 Feb 2026	12 Feb 2026	08	12 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)

Assume:

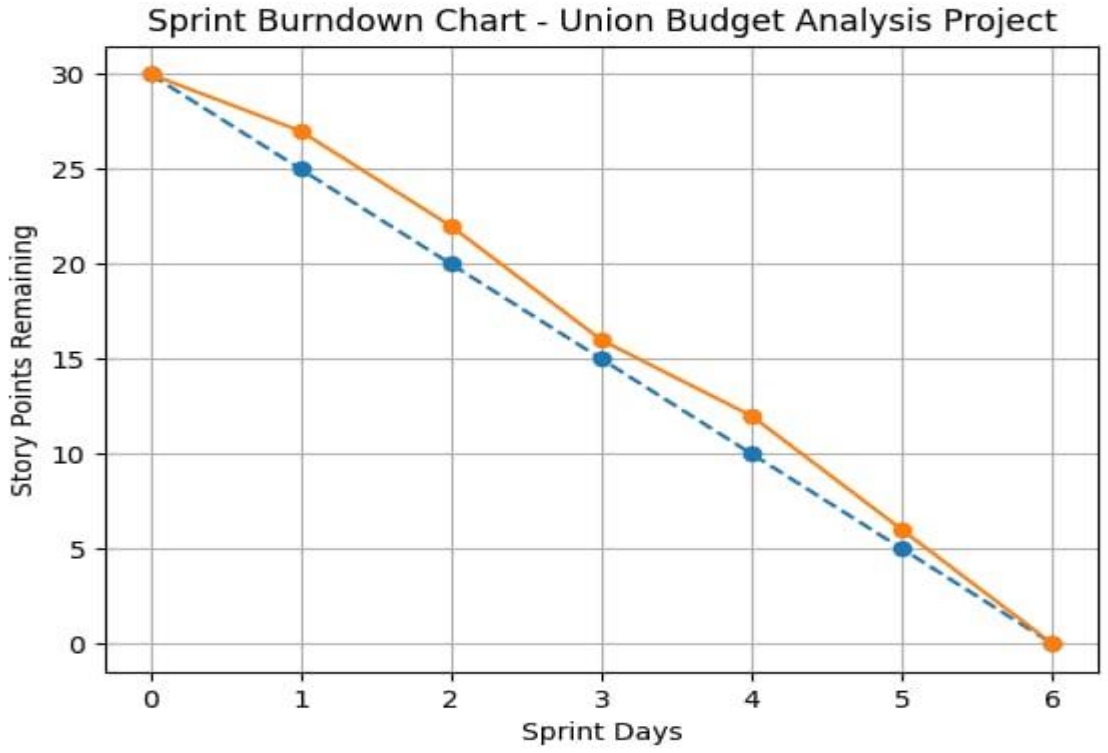
- Sprint duration = 3 days
- Average story points per sprint ≈ 10

AV=Total Story Points / Sprint Duration
AV=10 / 3 ≈ 3.3 story points per day

Burndown Chart:

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