

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

Date	30 JUNE 2025
Team ID	LTVIP2025TMID50052
Project Name	Strategic product placement analysis unveiling sales impact with tableau visualization
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	Data Understanding	USN-1	As a data analyst, I want to explore and understand the dataset structure to identify key sales insights.	2	High	Bommareddy Lakshmi Jahnvi
Sprint-1	Data Cleaning	USN-2	As a data analyst, I want to clean the dataset to ensure it's ready for analysis and visualization.	2	High	Bommareddy Lakshmi Jahnvi
Sprint-2	Visualization Setup	USN-3	As a team, we want to set up a Tableau dashboard environment to begin visualizing sales trends.	1	High	Divi Dedipya
Sprint-2	Branch Sales Comparison	USN-4	As a stakeholder, I want to compare sales across branches A, B, and C to analyze regional performance.	2	Medium	Divi Dedipya
Sprint-2	Heatmap for Product Placement	USN-5	As a marketing analyst, I want to view a heatmap that shows the correlation between product placement and sales.	3	High	Divi Dedipya
Sprint-3	Filter Functionality	USN-6	As a user, I want to filter sales data by branch, date, and product category to gain specific insights.	2	High	Bommareddy Lakshmi Jahnvi
Sprint-3	Performance Testing	USN-7	As a QA, I want to test the dashboard's loading time and responsiveness with large data to ensure performance.	1	Medium	Divi Dedipya

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	20	6 Days	23 June 2025	28 June 2025	20	29 June 2025
Sprint-2	20	6 Days	29 June 2025	04 July 2025		
Sprint-3	20	6 Days	05 July 2025	10 July 2025		
Sprint-4	20	6 Days	11 July 2022	16 July 2025		

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.

<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>