

## Project Planning Phase

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

Date	27-06-2025
Team ID	LTVIP2025TMID20787
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
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 Collection	USN-1	Download and review the housing dataset from Kaggle	2	High	Team Lead + Member 1
Sprint-1	Data Pre-processing	USN-2	Clean missing and categorical values in Tableau or Excel	3	High	Member 2
Sprint-1	Data Loading	USN-3	Load cleaned data into Tableau	2	High	Member 3
Sprint-2	Visualization	USN-4	Create charts and graphs in Tableau	5	High	Member 1 + Member 2
Sprint-2	Dashboard	USN-5	Build an interactive dashboard	3	High	Team Lead
Sprint-2	Story Creation	USN-6	Develop a Tableau story to present insights	3	Medium	Member 3
Sprint-2	Submission	USN-7	Publish, document, and upload Tableau file to GitHub	2	High	Team Lead

### Project Tracker, Velocity & Burn down Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date
Sprint-1	7	2Days	24 June 2025	25 June 2025	7	25 June 2025
Sprint-2	13	2 Days	26 June 2025	27 June 2025	13	27 June 2025

#### Velocity:

Imagine we have a 4-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)

Team velocity: 5 story points per day (based on 20 total story points across 4 days).

#### Burn down 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. Our burn down chart tracks story points from 20 at Day 1 to 0 by Day 4, ensuring steady progress and visibility of completed work.

Day	Story Points Remaining
Day 1	20
Day 2	14
Day 3	7
Day 4	0

Burndown Chart - Tableau Housing Project

