

## Project Planning Phase

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

Date	29 June 2025
Team ID	LTVIP2025TMID49617
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)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	Collection of data	2	High	Team Leader
		USN-2	Loading data	1	High	Team Member
	Data Preprocessing	USN-3	Handling missing values	3	Low	Team Member
		USN-4	Handling categorical value	2	Medium	Team Member
Sprint-2	Model Building	USN-5	Building the model	5	High	Team Member
		USN-6	Testing the model	3	High	Team Leader
	Deployment	USN-7	Creating working HTML pages	3	High	Team Leader
		USN-8	Flask deployment	5	High	Team Leader

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	8	5 Days	01 July 2025	05 July 2025	8	05 July 2025
Sprint-2	16	5 Days	06 July 2025	10 July 2025	16	10 July 2025

**Velocity Calculation:**

- **Total Story Points:** 24 (8 from Sprint-1 + 16 from Sprint-2)
- **Number of Sprints:** 2
- **Velocity:**  $24 \div 2 = 12$  Story Points per Sprint

BurnDown Chart:

Sprint Burndown Chart



