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

Date	27 June 2025
Team ID	LTVIP2025TMID47396
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
Sprint-1	Data Setup	USN-1	As a data engineer, I want to clean and preprocess the raw housing dataset	3	High
Sprint-1	Data Setup	USN-2	As a data engineer, I want to analyze missing values and encode categories	2	High
Sprint-2	Dashboard Design	USN-3	As a developer, I want to import data into Tableau and set up data sources	2	Medium
Sprint-2	Visualization	USN-4	As a user, I want to view average price by location in a bar chart	2	High
Sprint-3	Visualization	USN-5	As a user, I want to compare area and price in a scatter plot	2	Medium
Sprint-3	Visualization	USN-6	As a user, I want to see price distribution via histogram	2	Medium

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
Sprint-4	Report & Export	USN-7	As a user, I want to export visual screenshots and include them in reports	2	High
`Sprint-4	User Experience	USN-8	As a user, I want filters on dashboards to compare locations and furnishing type	3	Medium

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	5	5 Days	20 Jun 2025	24 Jun 2025	5	24 Jun 2025
Sprint-2	4	5 Days	25 Jun 2025	29 Jun 2025	—	—
Sprint-3	4	5 Days	30 Jun 2025	04 Jul 2025	—	—
Sprint-4	5	5 Days	05 Jul 2025	09 Jul 2025	—	—

Velocity:

⚙ **Velocity Calculation**

- Total points completed in Sprint-1 = 5

  - Duration = 5 days

☑ **Velocity = 1 story point/day**

Burndown Chart – Project Completion by 28 June 2025