

Project Planning Phase

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

Date	27 June 2025
Team ID	LTVIP2025TMID48073
Project Name	visualizing housing market trends
Maximum Marks	5 Marks

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

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>	
Sprint-1	Data Preparation	USN-1	Collect housing dataset	2	High	member3	
Sprint-1	Data Preparation	USN-2	Load dataset into Python or Tableau	1	High	member3	
Sprint-1	Data Cleaning	USN-3	Handle missing values	3	Medium	member3	


Sprint-1	Data Transformation	USN-4	Encode categorical variables	2	Medium	member3
Sprint-2	Visualization (Exploratory)	USN-5	Create KPI cards (average price, total count, etc.)	2	High	member3
Sprint-2	Visualization	USN-6	Build histogram (Sale Price vs Area)	2	High	member3
Sprint-2	Visualization	USN-7	Pie chart (House Age & Renovation)	2	Medium	member3
Sprint-2	Visualization	USN-8	Scatter plot with trend line (Age vs Sale Price)	3	Medium	member3
Sprint-2	Visualization	USN-9	Stacked bar chart (Renovation Age vs Sale Price)	3	Medium	member3
Sprint-3	Storytelling & Reports	USN-10	Create Tableau story views	2	High	member3
Sprint-3	Reports	USN-11	Document insights and export as PDF	2	Medium	member3
Sprint-3	Design & Maps	USN-12	Generate empathy & customer journey map	3	Medium	member3
Sprint-3	Architecture & Logic	USN-13	Create DFD and tech stack visualizations	3	High	member3

print	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed	Sprint Release Date
Sprint-1	8	5 Days	15 June 2025	20 June 2025	8	20 June 2025
Sprint-2	12	5 Days	20June 2025	25July 2025	12	25 June 2025

Project Tracker, Velocity & Bur  
Marks)

Sprint-3	12	5 Days	25 june2025	30 June 2025	12	30 June 2025
----------	----	--------	-------------	--------------	----	--------------

☒ **Total Story Points:** 32

 **Velocity** = Total Points / Sprints = 32 / 3 = **~10.6 Points per Sprint**

