Project Planning Phase

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

Date	25 June 2025
Team ID	LTVIP2025TMID20765
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	As a data analyst, I want to download the housing dataset for processing.	2	High	Kolla Vidya Sri Valli
Sprint-1	Data Collection	USN-2	As a data analyst, I want to load the dataset into Tableau Prep.	1	High	Kanumuri Mamatha
Sprint-1	Data Preparation	USN-3	As a data analyst, I want to handle missing values in the dataset.	3	High	Kanthete Naga Durga Yaswanth
Sprint-1	Data Preparation	USN-4	As a data analyst, I want to transform categorical features.	2	Medium	Kolla Vidya Sri Valli
Sprint-2	KPI Visualization	USN-5	As a stakeholder, I want to view KPIs like average sale price and record count.	2	High	Kanuri S N S Pooja Purnima
Sprint-2	Visualization	USN-6	As a	2	Medium	Kanumuri

	by Renovation		stakeholder, I want to see how renovations affect house prices.			Mamatha
Sprint-2	Feature-based Visualization	USN-7	As a stakeholder, I want to see house age by bathrooms, bedrooms, and floors.	3	High	Kanuri S N S Pooja Purnima
Sprint-2	Dashboard Sharing	USN-8	As a manager, I want to download/share the dashboard with the team.	1	Medium	Kanthete Naga Durga Yaswanth

Project Tracker, Velocity & Burndown Chart (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed	Sprint Release Date
Sprint-1	8	5 Days	20 June 2025	24 June 2025	8	24 June 2025
Sprint-2	8	5 Days	25 June 2025	29 June 2025	TBD	TBD

Velocity :

Velocity = Total Story Points Completed / Number of Sprints

= 8 / 1 = 8 story points/sprint **(after Sprint-1)**

Once Sprint-2 is complete:

Velocity = (8 + 8) / 2 = 8 story points/sprint **(maintained)**

Burndown Chart:

Use tools like Excel or Google Sheets to plot:

X-axis: Days of the sprint

Y-axis: Remaining story points

Show planned vs actual burndown

Sprint-1 Burndown Chart