Project Planning Phase

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

Date	21 June 2025
Team ID	LTVIP2025TMID38975
Project Name	Visualizing Housing Market Trends 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 Connection & Cleaning	USN-1	As a user, I want to import and clean the housing dataset in Tableau	3	High	S V Abhishek Vangala Harika

Sprint-1	Filter Setup	USN-2	As a user, I want to filter data by city, price, bedrooms, etc. in the dashboard	2	High	S V Abhishek Vangala Harika
Sprint-2	Visualize Trends	USN-3	As an analyst, I want to visualize total sales by years since renovation	3	High	S V Abhishek
Sprint-2	Comparative Views	USN-4	As a user, I want to compare house ages based on bathrooms, bedrooms, and floors	3	Medium	Vangala Harika
Sprint-3	Dashboard Layout	USN-5	As a user, I want to interact with a clear, clean dashboard layout	2	High	S V Abhishek
Sprint-3	Export Features	USN-6	As a user, I want to export visuals or summary reports from the dashboard	2	Medium	Vangala Harika
Sprint-4	Testing & Optimization	USN-7	As a team, we want to test dashboard loading and refine visual filters	2	High	S V Abhishek Vangala Harika
Sprint-4	Tableau Public Deployment	USN-8	As a user, I want the dashboard to be published to Tableau Public with a share link	1	High	S V Abhishek

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	5	2 Days	20 June 2025	21 June 2025	5	21 June 2025
Sprint-2	5	2 Days	22 June 2025	23 June 2025	5	23 June 2025
Sprint-3	5	2 Days	24 June 2025	25 June 2025	5	25 June 2025
Sprint-4	5	1 Day	26 June 2025	26 June 2025	5	26 June 2025
Sprint-5	5	1 Day	27 June 2025	27 June 2025	5	27 June 2025

Velocity:-

Average Velocity= 5+5+5+5+5/2+2+2+1+1=25/8=3.12 story points/day (rounded)

Final Average Team Velocity = 3.1 Points per Day

Burndown 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.


Burndown Chart – Project Completion by 28 June 2025
Actual Progress
Remaining Story Points
25
20
15
10
5
0
2025-06-20
2025-06-21
2025-06-22
2025-06-23
2025-06-24
2025-06-25
2025-06-26
2025-06-27
Date