

## Project Planning Phase

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

Date	28 June 2025
Team ID	LTVIP2025MID48289
Project Name	Visualising housing market trends: An analysis of sales 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	Team Members
Data Collection	USN-1	As a user, I can upload housing market data (CSV/Excel) into the system	2	High	A.Sai Tharun S.Suheel Ahmed V.Yeshwanth K.Vinod Kumar Reddy
Data Cleaning	USN-2	As a user, I can clean and preprocess the dataset before analysis	3	High	A.Sai Tharun S.Suheel Ahmed V.Yeshwanth K.Vinod Kumar Reddy
Exploratory Analysis	USN-3	As a user, I can analyze sales trends by location and time	2	Medium	A.Sai Tharun S.Suheel Ahmed V.Yeshwanth K.Vinod Kumar Reddy
Visualization Setup	USN-4	As a user, I can view interactive dashboards	3	High	A.Sai Tharun S.Suheel Ahmed V.Yeshwanth K.Vinod Kumar Reddy

		for housing features			
<b>Publishing</b>	USN-5	As a user, I can publish the Tableau dashboards for stakeholders	1	Medium	A.Sai Tharun S.Suheel Ahmed V.Yeshwanth K.Vinod Kumar Reddy

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed
<b>Sprint-1</b>	10	5 Days	06 June 2025	20 June 2025	10
<b>Sprint-2</b>	8	5 Days	21 June 2025	25 June 2025	10
<b>Sprint-3</b>	6	5 Days	26 June 2025	30 June 2025	8

Velocity:

Assume a team velocity of 10 points per sprint over 5 days, giving an average velocity of 2 points/day.

Burndown Chart:

A burndown chart can be generated in Excel/Tableau to show progress over sprint duration.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>