Project Planning Phase

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

Date	26 June 2025
Team ID	LTVIP2025TMID51407
Project Name	Visualizing Housing Market trends: An Analysis Of Sales PricesAnd Features Tableau
Maximum Marks	5 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Overview	USN-1	As a user, I want to see total houses, average price, and area for a clear data summary.	2	High	s.pavan sudeep
Sprint-2	Sales by Years Since Renovation	USN-2	As a user, I want to compare sales with renovation age to identify pricing trends.	2	High	s.kumar
Sprint-3	House Age and Renovation Distribution	USN-3	As a user, I want to view age groups and renovation status to assess renovation needs.	1	Medium	y.s.sushma
Sprint- 4	House Age vs Features	USN-4	As a user, I want to compare age groups with bedrooms, bathrooms, and floors to target customers.	2	High	T.manasa

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	20	3 Days	14 Jun 2025	16 Jun 2025	20	16 Jun 2025
Sprint-2	20	3 Days	17 Jun 2025	19 Jun 2025	20	19 Jun 2025
Sprint-3	20	3 Days	20 Jun 2025	22 Jun 2025	20	22 Jun 2025
Sprint-4	20	3 Days	23 Jun 2025	25 Jun 2025	20	25 Jun 2025

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

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.

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