

## Project Planning Phase

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

|               |  |
|---------------|--|
| Date          | 18 February 2026   |
| Team ID       | LTVIP2026TMIDS77449  |
| Project Name  | Visualizing Housing Market Trends: An Analysis of Sales Price 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 |
|----------|-------------------------------|-------------------|---|--------------|----------|--------------|
| Sprint-1 | Dataset Collection            | USN-1             | As a developer, I can collect housing market dataset from reliable sources          | 2            | High     | Team         |
| Sprint-1 | Data Cleaning                 | USN-2             | As a developer, I can clean the dataset by handling missing and inconsistent values | 4            | High     | Team         |
| Sprint-1 | Data Preprocessing            | USN-3             | As a developer, I can preprocess data for analysis and visualization                | 4            | High     | Team         |
| Sprint-2 | Data Storage                  | USN-4             | As a developer, I can store the processed data in structured format (CSV)           | 3            | Medium   | Team         |
| Sprint-2 | Data Visualization            | USN-5             | As a developer, I can create housing market Visualizations using Tableau Desktop    | 5            | High     | Team         |
| Sprint-2 | Dashboard Creation            | USN-6             | As a developer, I can build an interactive Tableau dashboard                        | 4            | High     | Team         |
| Sprint-3 | Web Integration               | USN-7             | As a developer, I can integrate the Tableau dashboard with Flask                    | 5            | High     | Team         |
| Sprint-3 | Deployment                    | USN-8             | As a developer, I can deploy the Flask application locally                          | 3            | Medium   | Team         |
| Sprint-4 | Template understanding        | USN-9             | As a developer, I can understand the assigned project templates                     | 2            | High     | Team         |
| Sprint-4 | Templates Filling             | USN-10            | As a developer, I can fill the assigned templates with project details              | 4            | High     | Team         |

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

| <b>Sprint</b> | <b>Total Story Points</b> | <b>Duration</b> | <b>Sprint Start Date</b> | <b>Sprint End Date (Planned)</b> | <b>Story Points Completed (as on Planned End Date)</b> | <b>Sprint Release Date (Actual)</b> |
|---------------|---------------------------|-----------------|--------------------------|----------------------------------|--|-------------------------------------|
| Sprint-1      | 20                        | 3 Days          | 30 Jan 2026              | 01 Feb 2026                      | 20   | 01 Feb 2026                         |
| Sprint-2      | 20                        | 5 Days          | 01 Feb 2026              | 08 Feb 2026                      | 20   | 08 Feb 2026                         |
| Sprint-3      | 20                        | 4 Days          | 09 Feb 2026              | 12 Feb 2026                      | 20   | 12 Feb 2026                         |
| Sprint-4      | 20                        | 6 Days          | 13 Feb 2026              | 18 Feb 2026                      | 20   | 18 Feb 2026                         |