

Project Planning Phase

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

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| Date | 15 February 2026 |
| Team ID | LTVIP2026TMIDS90490 |
| 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

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 | Peddisetty Mahesh |
| Sprint-1 | Data Cleaning | USN-2 | As a developer, I can clean the dataset by handling missing and inconsistent values | 4 | High | Kethineni Aravind |
| Sprint-1 | Data Preprocessing | USN-3 | As a developer, I can preprocess data for analysis and visualization | 4 | High | Munukuri Sai Lakshmi |
| Sprint-2 | Data Storage | USN-4 | As a developer, I can store the processed data in structured format (CSV) | 3 | Medium | Midabala Jaswanth Sai |
| Sprint-2 | Data Visualization | USN-5 | As a developer, I can create housing market Visualizations using Tableau Desktop | 5 | High | Sakhamuri Sri Rama Krishna |
| Sprint-2 | Dashboard Creation | USN-6 | As a developer, I can build an interactive Tableau dashboard | 4 | High | Kethineni Aravind |
| Sprint-3 | Web Integration | USN-7 | As a developer, I can integrate the Tableau dashboard with Flask | 5 | High | Peddisetty Mahesh |
| Sprint-3 | Deployment | USN-8 | As a developer, I can deploy the Flask application locally | 3 | Medium | Midabala Jaswanth Sai |
| Sprint-4 | Template understanding | USN-9 | As a developer, I can understand the assigned project templates | 2 | High | Munukuri Sai Lakshmi |
| Sprint-4 | Templates Filling | USN-10 | As a developer, I can fill the assigned templates with project details | 4 | High | Peddisetty Mahesh |

Project Tracker, Velocity & Burndown Chart:

| 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 | 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 |