# Project Planning Phase

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

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| --- | --- |
| Date | 26 jnue 2025 |
| Team ID | LTVIP2025TMID50687 |
| 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 (4 Marks)

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| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-1 | Data Collection | USN-1 | As a team member, I will collect data of UNESCO  World Heritage  Sites. | 2 | High | Tumpala siri |
| Sprint-1 | Data Cleaning | USN-2 | As a team member, I will clean and prepare  the heritage dataset. | 2 | High | Posina Subrahmanyeswara Swamy |
| Sprint-1 | Site Classification | USN-3 | As a user, I can view sites categorized by type (Cultural, Natural,  Mixed). | 3 | High | Tumpala siri |
| Sprint-2 | Visual Mapping | USN-4 | As a user, I can view sites displayed on  a world map by country. | 3 | High | Papavya Naidu |
| Sprint-2 | Regional Analysis | USN-5 | As a user, I can analyze sites by region and  population. | 2 | Medium | Naga Sai Revati Bhavaraju |
| Sprint-2 | Timeline of Site Inscriptions | USN-6 | As a user, I can explore how site numbers  have grown over the | 2 | Medium | Naga Sai Revati Bhavaraju |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | years. |  |  |  |
| Sprint-3 | Delisted & Threatened Sites | USN-7 | As a user, I can explore sites that are delisted or affected by  climate/war. | 3 | Medium | Papavya Naidu |
| Sprint-3 | Text Analytics | USN-8 | As a user, I can view a word cloud and keyword analysis  from site descriptions. | 2 | Low | Yerramneedi Varshini |
| Sprint-4 | Storyboard & Final Dashboard | USN-9 | As a user, I can interact with story scenes like “Overview” and “Danger  Analysis”. | 4 | High | Posina Subrahmanyeswara Swamy |

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

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| --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Sprint Start Date | Sprint End  Date (Planned) | Story Points Completed | Sprint  Release Date (Actual) |
| Sprint-1 | 7 | 01 June 2025 | 06 June 2025 | 7 | 06 June 2025 |
| Sprint-2 | 7 | 07 June 2025 | 12 June 2025 | 7 | 12 June 2025 |
| Sprint-3 | 5 | 13 June 2025 | 18 June 2025 | 5 | 18 June 2025 |
| Sprint-4 | 4 | 19 June 2025 | 24 June 2025 | 4 | 24 June 2025 |

# Velocity

Total Story Points = 23

Total Sprint Duration = 24 days

Velocity = 23 / 24 ≈ 0.96 story points/day

Burndown Chart:

