**Project Planning Phase**

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

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| --- | --- |
| Date | 26-06-2025 |
| Team ID | LTVIP2025TMID43697 |
| Project Name | Flight finder: navigating your air travel  options |
| 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 | Data Collection | USN-1 | I can collect relevant 2022 Economic Freedom Analysis datasets. | 2 | High | Padmati Swarupa Sanjana |
| Sprint-1 |  | USN-2 | I can understand relevant 2022 Economic Freedom Analysis datasets. | 3 | MEDIUM | Sinamareddi Sai |
| Sprint-2 | Visualization | USN-3 | I can visualize the 2022 Economic Freedom Analysis data using Tableau. | 4 | HIGH | SinamareddiSai  sanjana |
| Sprint-3 | Dashboard | USN-4 | I can create an interactive dashboard in Tableau. | 5 | MEDIUM | Jagadam dharani  Suvarna |
| Sprint-4 | Documentation | USN-5 | I can create project documentation and testing reports. | 5 | High | Padmati Swarupa Sanjana  Sinmareddi Sai |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story Points** | **Duration** | **Start Date** | **End Date** | **Completed** | **Sprint Release Date (Actual)** |
| Sprint-1 | 5 | 5 Days | 10 June 2025 | 15 June 2025 | 5 | 15 June 2025 |
| Sprint-2 | 4 | 5 Days | 20 June 2025 | 25 June 2025 | 4 | 25 June 2025 |
| Sprint-3 | 5 | 5 Days | 25 June 2025 | 30 June 2025 | 5 | 30 June 2025 |
| Sprint-4 | 4 | 5 Days | 30 June 2025 | 4 July 2025 | 4 | 4 July 2025 |

Velocity:

Imagine we have a 20-day sprint duration (4 sprints of 5 days each), and the total velocity of the team is 18 (story points completed across all sprints). So, the team’s average velocity is 0.9 story points per day.

**AV=sprint duration/Velocity =18/20=0.9**

# Burndown Chart:

A burndown chart is used to track the remaining work in the sprint. It helps monitor project progress. Forcreating a burndown chart

visit: https://[www.visual-paradigm.com/scrum/scrum-burndown-chart](http://www.visual-paradigm.com/scrum/scrum-burndown-chart)