**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 13 March 2025 |
| Team ID | PNT2025TMID06381 |
| Project Name | Global Food Production Trends and Analysis: A Comprehensive Study from 1961 to 2023 Using Power BI |
| 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 | Collect the Data | 2 | High | Haris Shaikh |
| Sprint-1 | Data Preparationn | USN-2 | Loading Data | 1 | High | Tejas Mitha |
| Sprint-2 | Data Visualization | USN-3 | Transforming of data | 2 | High | Yogita Narayankar  Tejas Mitha |
| Sprint-1 | Dashboard | USN-4 | Visualization of data | 2 | Medium | Yogita Narayankar |
| Sprint-1 | Performance Testing | USN-5 | Creating Interactive Dashboards | 5 | High | Haris Shaikh  Yogita Narayankar  Riya Sayyed |
| Sprint-1 | Report | USN-5 | Project Demonstration / Report | 2 |  | Riya Sayyed  Yogita Narayankar |
| Sprint-1 | Project Demonstration & Documentation | USN-5 | Record explanation video for project end to end solution | 3 |  | Riya Sayyed |
|  |  |  |  |  |  |  |

**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 | 6 Days | 24 Oct 2025 | 29 Oct 2025 | 20 | 13 March 2025 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2025 | 05 Nov 2025 |  |  |
| Sprint-3 | 20 | 6 Days | 07 Nov 2025 | 12 Nov 2025 |  |  |
| Sprint-4 | 20 | 6 Days | 14 Nov 2025 | 19 Nov 2025 |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**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](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). 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.visual-paradigm.com/scrum/scrum-burndown-chart/)

[**https://www.atlassian.com/agile/tutorials/burndown-charts**](https://www.atlassian.com/agile/tutorials/burndown-charts)

**Reference:**

[**https://www.atlassian.com/agile/project-management**](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/how-to-do-scrum-with-jira-software)

[**https://www.atlassian.com/agile/tutorials/epics**](https://www.atlassian.com/agile/tutorials/epics)

[**https://www.atlassian.com/agile/tutorials/sprints**](https://www.atlassian.com/agile/tutorials/sprints)

[**https://www.atlassian.com/agile/project-management/estimation**](https://www.atlassian.com/agile/project-management/estimation)

[**https://www.atlassian.com/agile/tutorials/burndown-charts**](https://www.atlassian.com/agile/tutorials/burndown-charts)