**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 15 February 2025 |
| Team ID | LTVIP2025TMID48532 |
| Project Name | Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis |
| Maximum Marks | 5 Marks |

**Customized Product Backlog and Sprint Schedule**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional  Requirement  (Epic) | User Story  Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-1 | Data Collection &  Preparation | USN-1 | As a data analyst, I can collect and  clean the Index of Economic  Freedom dataset for multiple countries and years. | 3 | High | Sneha Alisetty |
| Sprint-1 |  | USN-1 | As a data analyst, I can standardize and format the dataset for | 2 | Medium | Sneha Alisetty |

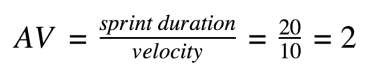
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| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Tableau integration. |  |  |  |
| Sprint-2 | Dashboard Design | USN-2 | As a user, I can see  a dynamic dashboard showing the overall Economic Freedom Index by country and year. | 3 | High | Tharugu Sreelakshmi |
| Sprint-2 |  | USN-2 | As a user, I can filter the  dashboard by region, income level, and individual freedom sub-categories. | 2 | Medium | Tharugu Sreelakshmi |
| Sprint-3 | Advanced  Analytics &  Insights | USN-3 | As a user, I can see a correlation analysis between economic freedom and GDP growth, using Tableau visualizations. | 3 | High | N Sreelatha |
| Sprint-3 |  | USN-3 | As a user, I can view key trends and insights with | 2 | Medium | N Sreelatha |
|  |  |  | summary cards (top countries, biggest gains/losses, etc.). |  |  |  |
| Sprint-4 | Storytelling &  Publishing | USN-4 | As a presenter, I can compile interactive story dashboards in Tableau for presentation and export them to PDF. | 3 | High | Nasina Sriram |
| Sprint-4 |  | USN-4 | As a user, I can view countryspecific profiles with time series and radar charts comparing economic subindices. | 3 | Medium | Nasina Sriram |

**Project Tracker and Velocity**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date  (Planned) | Story Points  Completed | Sprint Release  Date (Actual) |
| Sprint-1 | 5 | 5 Days | 01 July 2025 | 05 July 2025 | 5 | 05 July 2025 |
| Sprint-2 | 5 | 5 Days | 06 July 2025 | 10 July 2025 | 5 | 10 July 2025 |
| Sprint-3 | 5 | 5 Days | 11 July 2025 | 15 July 2025 | 5 | 20 July 2025 |
| Sprint-4 | 6 | 5 Days | 16 July 2025 | 20 July 2025 | 5 | 25 july 2025 |

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day)



**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.atlassian.com/agile/tutorials/burndown-charts>**

**Reference:**

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