

<b>Date</b>	
<b>Team id</b>	LTVIP2026TMIDS36417
<b>Project Name</b>	Measuring the pulse of prosperity -an index of economic freedom analysis

## Product Backlog, Sprint Schedule, and Estimation :-

The below template is for product backlog and sprint schedule

<b>Sprint</b>	<b>Functional Requirement</b>	<b>User story number</b>	<b>User story/Task</b>	<b>Story points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint 1	Data collection	USN-1	Collect Economic Freedom Index dataset and download that.	2	High	Gadi Hemalata
Sprint 1	Working with dataset	USN-2	Clean and prepare the dataset for analysis.	2	Medium	Buddepu krishnaveni
Sprint 2	Data visualization	USN-3	Create charts to visualize economic indicators.	4	Medium	Hemalatha Krishnaveni Jyothsna Soniya
Sprint 2	Dashboard	USN-4	Build an interactive dashboards for country comparison.	4	High	Chintanippula soniya
Sprint 3	Story	USN-5	Create a story to present insights from the analysis.	4	High	Dondapati Jyothsna
Sprint 3	Publishing	USN-6	Publish the dashboard and story on	3	High	Gadi Hemalatha

			Tableau Public.			
Sprint 4	Web integration	USN-7	Embed the dashboard into a web page.	6	High	Buddepu krishnaveni
Sprint 4	Performance testing	USN-8	Test dashboard performance and functionality.	4	Medium	Ch.soniya d.jyotshna

### Project Tracker, Velocity & Burndown Chart :--

Sprint	Total story points	Duration	Sprint start date	Sprint end date	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint 1	20	6	05 Feb 2026	10 Feb 2026	20	10 feb 2026
Sprint 2	20	6	11 Feb 2026	16 Feb 2026	20	11 feb 2026
Sprint 3	20	6	17 Feb 2026	22 Feb 2026	20	17 Feb 2026
Sprint 4	20	6	23 Feb 2026	28 Feb 2026	20	28 Feb 2026

### Velocity:--

We have 6 days sprint duration , and the total story points is 20. Calculate the team average velocity per iteration unit

**Average velocity (Av) = Velocity/Sprint duration**

$$\Rightarrow 20/6 = 3.333$$

## Burndown Chart :--

The burndown chart is used to track the progress of the sprint by showing the remaining story points over the sprint duration. In this project, each sprint has 20 story points with a duration of 6 days. As tasks are completed each day, the remaining story points gradually decrease until they reach zero on the final day of the sprint.

