

## Project Planning Phase

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

Date	24 June 2025
Team ID	LTVIP2025TMID47620
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
Maximum Marks	5 Marks

#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	Downloading The Dataset	1	High	Kengava kumari
Sprint-1	Working With Dataset	USN-2	Understand The Data	3	High	Kengava kumari
Sprint-1		USN-3	Import Dataset into Database and connect Tableau Desktop to Database server	2	Low	Korlabandi Navyasri
Sprint-2	Data Visualization	USN-4	2022 Economic freedom score	2	High	Lalam deevena kumar
Sprint-2		USN-5	Top 40 ranking countries in the index	2	High	Korlabandi navyasri
Sprint-2		USN-6	Bottom ranking countries in the index	2	Medium	Kengava kumari
Sprint-2		USN-7	Index score based on unemployment rate	3	High	Lalam deevena kumar
Sprint-2		USN-8	Index score based on financial freedom	3	High	Kengava kumari
Sprint-2		USN-9	Index score based on population	2	High	Korlabandi navyasri
Sprint-2		USN-10	Index score based on 5 year on GDP growth rate(%)	2	High	Sriramula mahesh

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2		USN-11	Inflation rate in different countries	2	Medium	Sriramula mahesh
Sprint-2		USN-12	Correlation between inflation and unemployment	2	High	Sriramula mahesh
Sprint-2		USN-13	Top 40 countries by GDP growth rate	3	High	Korlabandi navyasri
Sprint-2		USN-14	Correlation between GDP(PPP) and monetary freedom	2	High	Lalam deevena kumar
Sprint-3	Dashboard	USN-15	Creating The Dashboard	3	High	Kengava kumari
Sprint-3	Story	USN-16	Creating The Story Board	3	High	Korlabandi navyasri
Sprint-4	Publishing and Web Integration	USN-17	Publishing dashboard and reports to tableau public	2	High	Sriramula mahesh
Sprint-4		USN-18	Integrating with Web with Embed code	5	Low	Kengava kumari

#### 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	6	2 Days	18 Jun 2025	19 Jun 2025	6	19 Jun 2025
Sprint-2	21	4 Days	20 Jun 2025	23 Jun 2025	21	23 Jun 2025
Sprint-3	6	2 Days	23 Jun 2025	24 Jun 2025	6	24 Jun 2025
Sprint-4	7	2 Days	24 Jun 2025	25 Jun 2025	7	25 Jun 2025

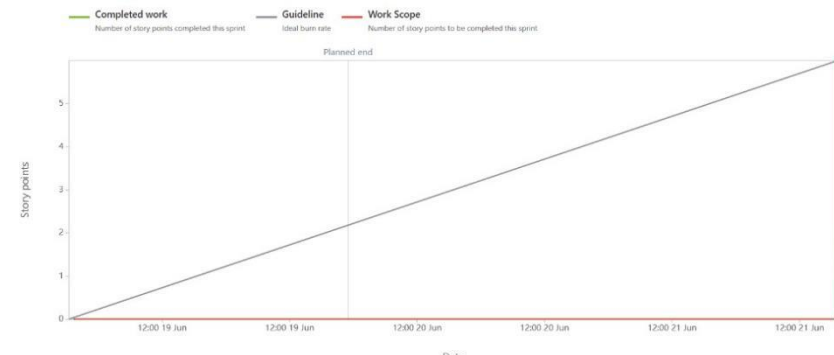
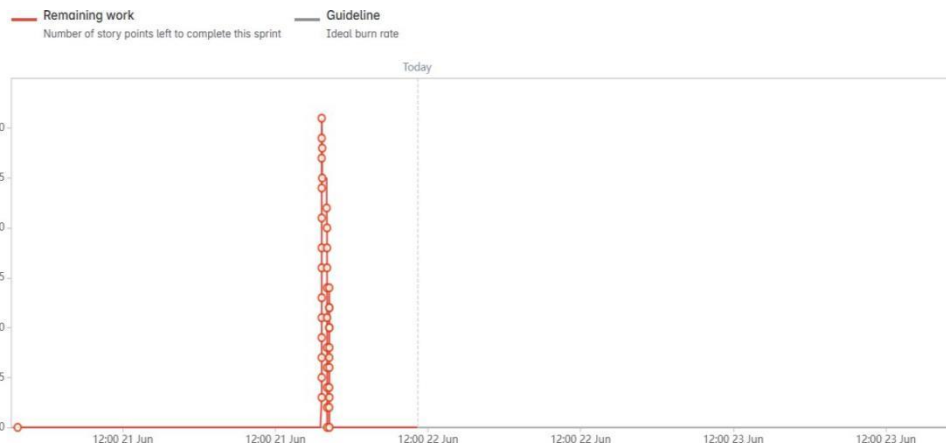
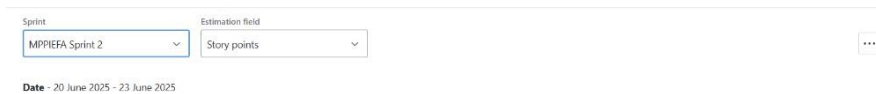
**Velocity:**

**Velocity Table:**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration (days)</b>	<b>Velocity (AV)</b>
Sprint-1	$1 + 3 + 2 = 6$	2 days	$6 \div 2 = 3.0$ pts/day
Sprint-2	21	4 days	$21 \div 4 = 5.25$ pts/day
Sprint-3	$3 + 3 = 6$	2 days	$6 \div 2 = 3.0$ pts/day
Sprint-4	$2 + 5 = 7$	2 days	$7 \div 2 = 3.5$ pts/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 methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.



Jira interface showing the project "Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis". The view is the Backlog, displaying a list of work items organized into sprints.

**Project:** Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis

**Backlog:**

- MPPIEFA Sprint 1** 18 Jun – 18 Jun (3 work items)
  - MPPIEFA-2 Downloading The Dataset (DATA COLLECTION, DONE, 1)
  - MPPIEFA-4 Understand The Data (WORKING WITH DATA..., DONE, 3)
  - MPPIEFA-5 Import Dataset into Database and connect Tableau Desktop to Database server (WORKING WITH DATA..., DONE, 2)
- MPPIEFA Sprint 2** 19 Jun – 20 Jun (11 work items)
  - MPPIEFA-7 2022 Economic freedom score (DATA VISUALIZATION, DONE, 2)
  - MPPIEFA-8 Top 40 ranking countries in the index (DATA VISUALIZATION, DONE, 2)
  - MPPIEFA-13 Index score based on 5 year on GDP growth rate(%) (DATA VISUALIZATION, DONE, 2)
  - MPPIEFA-9 Bottom ranking countries in the index (DATA VISUALIZATION, DONE, 2)
  - MPPIEFA-10 Index score based on unemployment rate (DATA VISUALIZATION, DONE, 1)

Jira interface showing the project "Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis". The view is the Timeline, displaying a Gantt chart of work items across sprints.

**Project:** Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis

**Timeline:**

Sprints:

- MPPIEFA-1 Data Collection (DONE)
- MPPIEFA-3 Working With Dataset (DONE)
- MPPIEFA-6 Data Visualization (DONE)
- MPPIEFA-18 Dashboard (DONE)
- MPPIEFA-20 Story (DONE)
- MPPIEFA-22 Publishing and Web inte... (DONE)

Timeline view shows work items plotted across months (June, July, August).

Jira interface showing the project "Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis". The view is the Board, displaying a Kanban board with columns for TO DO, IN PROGRESS, and DONE.

**Project:** Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis

**Board:**

- TO DO:** + Create
- IN PROGRESS:**
- DONE 18:**
  - Top 40 ranking countries in the index (DATA VISUALIZATION, MPPIEFA-8, 2, PS)
  - Index score based on 5 year on GDP growth rate(%) (DATA VISUALIZATION, MPPIEFA-13, 2, JS)
  - Bottom ranking countries in the index (DATA VISUALIZATION, MPPIEFA-9, 2, MT)
  - Index score based on unemployment rate

Jira interface showing the project "Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis". The view is the List, displaying a list of work items.

**Project:** Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis

**List:**

- ESS
- DONE 18: Top 40 ranking countries in the index (DATA VISUALIZATION, MPPIEFA-8, 2, PS)
- Index score based on 5 year c GDP growth rate(%) (DATA VISUALIZATION, MPPIEFA-13, 2, JS)
- Bottom ranking countries in t index (DATA VISUALIZATION, MPPIEFA-9, 2, MT)

**Sprint progress:** 100% done

**Sprint burndown:** 6 points done, 0 points to go