

Project Planning Phase

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

Date	24 June 2025
Team ID	LTVIP2025TMID49899
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	Shaik Gouse Basha
Sprint-1	Working With Dataset	USN-2	Understand The Data	3	High	Shaik Gouse Basha
Sprint-1		USN-3	Import Dataset into Database and connect Tableau Desktop to Database server	2	Low	Shaik Allahbakshu
Sprint-2	Data Visualization	USN-4	2022 Economic freedom score	2	High	Shaik Salam Nagur Basha
Sprint-2		USN-5	Top 40 ranking countries in the index	2	High	Somana Praveen Kumar
Sprint-2		USN-6	Bottom ranking countries in the index	2	Medium	Tumati Madhan Gopal
Sprint-2		USN-7	Index score based on unemployment rate	3	High	Tumati Madhan Gopal
Sprint-2		USN-8	Index score based on financial freedom	3	High	Shaik Gouse Basha
Sprint-2		USN-9	Index score based on population	2	High	Shaik Salam Nagur Basha
Sprint-2		USN-10	Index score based on 5 year on GDP growth rate(%)	2	High	Shaik Allahbakshu

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	Somana Praveen Kumar
Sprint-2		USN-12	Correlation between inflation and unemployment	2	High	Somana Praveen Kumar
Sprint-2		USN-13	Top 40 countries by GDP growth rate	3	High	Shaik Salam Nagur Basha
Sprint-2		USN-14	Correlation between GDP(PPP) and monetary freedom	2	High	Shaik Allahbakshu
Sprint-3	Dashboard	USN-15	Creating The Dashboard	3	High	Shaik Gouse Basha
Sprint-3	Story	USN-16	Creating The Story Board	3	High	Shaik Allahbakshu
Sprint-4	Publishing and Web Integration	USN-17	Publishing dashboard and reports to tableau public	2	High	Somana Praveen Kumar
Sprint-4		USN-18	Integrating with Web with Embed code	5	Low	Shaik Gouse Basha

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:

Sprint	Total Story Points	Duration (days)	Velocity (AV)
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.



