

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

Date	17 February 2026
Team ID	LTVIP2026TMIDS87045
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
Maximum Marks	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Data Collection & Integration	Import Index of Economic Freedom dataset
		Integrate World Bank economic indicators
		Update dataset periodically
FR-2	Data Processing & Storage	Clean and preprocess data
		Store processed data in database/spreadsheet
		Maintain structured economic indicators
FR-3	Data Analysis	Calculate country rankings
		Compare economic freedom pillars
		Analyze correlation with prosperity indicators
FR-4	Data Visualization	Generate charts and graphs
		Create country comparison visuals
		Display pillar-wise analysis
FR-5	Dashboard & Insights	Develop interactive Tableau dashboard
		Provide filters and country selection
		Highlight key insights and trends
FR-6	Storyboard & Reporting	Present analytical story flow
		Summarize findings and insights
		Enable report export/download
FR-7	Web Application Integration	Embed Tableau dashboards in web page
		Display visualizations and insights

		Provide user-friendly navigation
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#### Non-functional Requirements:

NFR No.	Non-Functional Requirement	Description
<b>NFR-1</b>	Usability	Interface should be simple, clear, and easy to understand for users with non-technical backgrounds.
<b>NFR-2</b>	Security	Ensure safe data handling and secure access to dashboards and web content.
<b>NFR-3</b>	Reliability	System should provide accurate data analysis and consistent results.
<b>NFR-4</b>	Performance	Dashboards and visualizations should load quickly and respond smoothly.
<b>NFR-5</b>	Availability	The web application and dashboards should be accessible anytime via the internet.
<b>NFR-6</b>	Scalability	System should support addition of more countries, indicators, and future datasets.
<b>NFR-7</b>	Maintainability	Data and dashboards should be easy to update and maintain.
<b>NFR-8</b>	Compatibility	System should work across browsers and devices (desktop & mobile).