

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date: 24 February 2026

Team ID: LTVIP2026TMIDS79888

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

Maximum Marks: 4 Marks

Functional Requirements

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Access to Dashboard	Access through Web Application Responsive Interface for Mobile & Tablet Devices
FR-2	Data Exploration	Apply Filters by Region, Country, Indicator, and Year View Interactive Charts & Graphs
FR-3	Insight Generation	Display Summary Insights below visualizations Show Global and Regional Comparisons
FR-4	Data Export	Export Data as PDF/Excel Export Visualizations as Image/PDF
FR-5	Administrative Access	Data Upload & Update in Backend Manage User Feedback and Suggestions

Non-functional Requirements

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Simple, intuitive UI to ensure easy access and data interpretation.
NFR-2	Security	User authentication, role-based access control, and protection of user data.

NFR-3	Reliability	System ensures consistent availability and accurate data presentation.
NFR-4	Performance	Dashboard loads within acceptable time, even with large datasets.
NFR-5	Availability	System available 24/7 with minimal downtime.
NFR-6	Scalability	Supports increasing number of users and additional datasets in the future.