

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

Date	26 June 2025
Team ID	LTVIP2025TMID48502
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	Economic Data Collection	Gather data from sources like World Bank, Heritage Foundation, and IMF on economic freedom indicators (e.g., tax burden, property rights, government integrity)
FR-2	Data Integration	Import and normalize data into Tableau from CSV, Excel, or online APIs
FR-3	Data Visualization	Create dashboards showing country rankings, regional comparisons, and temporal trends
FR-4	Indicator Analysis	Analyze indicators such as trade freedom, investment freedom, and labor freedom to identify economic strengths and weaknesses
FR-5	Interactive Filtering	Allow filtering by region, year, income group, and indicator type
FR-6	Insight Recommendations	Provide automatic insights or annotations about top/bottom performing countries and trends
FR-7	Report Generation	Enable downloadable reports (PDF/Excel) summarizing key findings and visualizations

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Dashboards should be user-friendly and easy to navigate for non-technical users
NFR-2	<b>Security</b>	SecurityEnsure data privacy for individual food records and personal
NFR-3	<b>Reliability</b>	System should consistently produce accurate analysis and insights
NFR-4	<b>Performance</b>	Dashboards should load within 3 seconds even with large datasets
NFR-5	<b>Availability</b>	System should be accessible 24/7 during the research period
NFR-6	<b>Scalability</b>	Should support increasing users/data volume as more colleges join the study

