

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

Date	25 th june 2025
Team ID	LTVIP2025TMID49638
Project Name	Measuring the pulse of Prosperity: An index of economic freedom analysis
Maximum 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	Collect Economic freedom data from sources like heritage, world rank
FR-2	Data integration	Connect or fetch data dynamically
FR-3	Data Vizualization	Develop dashboards and charts in tableau
FR-4	Web Application Integration	Embedded dashboards into web app using HTML and Flask

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Usability - The dashboard and web app must be user-friendly and intuitive
NFR-2	Security	Security -Data and API connections must be protected and securely authenticated
NFR-3	Reliability	Reliability-Data loading and visualizations should work consistently without failures
NFR-4	Performance	Performance-Dashboards should load within 2–3 seconds for smooth analysis
NFR-5	Availability	Availability The web application should be available for access anytime (24/7)
NFR-6	Scalability	Scalability System should support adding more countries, indicators, and years easily