

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	17 January 2025
Team ID	LTVIP2025TMID48274
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	User Registration	Registration through Form, Gmail, LinkedIn
FR-2	User Confirmation	Confirmation via Email, Confirmation via OTP
FR-3	User Login	Login via Email/Password, Social Login (Gmail/Facebook)
FR-4	Explore Economic Index	View country index, Pillar-wise breakdown
FR-5	Compare Countries	Side-by-side comparison, Chart visualizations
FR-6	Save & Bookmark	Bookmark country profiles, Save comparisons
FR-7	Admin Management	Update Index Data, Manage User Access

Non-functional Requirements

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

NFR No.	Non-Functional Requirement Description
NFR-1	Usability: The system should be user-friendly with an intuitive UI/UX.
NFR-2	Security: Implement data encryption, secure login, and user data protection.
NFR-3	Reliability: Ensure system availability with minimal downtime and regular backups.
NFR-4	Performance: System should respond within 2 seconds for 95% of operations.
NFR-5	Availability: 99.9% uptime should be ensured with redundancy and failover

	mechanisms.
NFR-6	Scalability: System should handle increased users and data growth efficiently.