

Project Design Phase-II
Data Flow Diagram & User Stories

Date	27 june 2025
Team ID	LTVIT2025TMII61416
Project Name	Measuring the pulse of prosperity on index of economic freedom analysis
Maximum Marks	4 Marks

User type	Functional requirement	User story number	user story/task	Acceptance criteria	priority	release
Data analyst	Ingest and clean economic data from multiple global sources	US001	As a data analyst, I want to collect and preprocess data from World Bank and IMF sources	Data is successfully pulled, cleaned, and formatted from each source	HIGH	Release 1
economist	Classify data for indicators analysis	US002	As an economist, I want to categorize economic indicators into defined domains like regulatory efficiency	indicators are correctly grouped and mapped into relevant categories	HIGH	Release 1
Data scientist	Compute the economic freedom index	US003	As a data scientist, I want to normalize data and calculate a composite economic freedom index	Index score is correctly calculated and validated for each country	HIGH	Release 2
Policy researcher	Compare economic freedom across countries	US004	As a policy researcher, I want to compare countries' index scores to identify patterns	Report allows side-by-side comparisons with filters for region and year	MEDIUM	Release 2
advisor	Correlate index with prosperity indicators	US005	As an advisor, I want to analyze correlations between index score and GDP, HDI, and FDI	Correlation matrices and graphs are generated and statistically verified	MEDIUM	Release 3

Stake holder	Visualize findings and generate reports	US006	As a stakeholder, I want to see visual reports to inform economic strategy	dashboard and reports are available in visual formats (charts, graphs, downloadable)	HIGH	Release 3
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