Project Design Phase-II
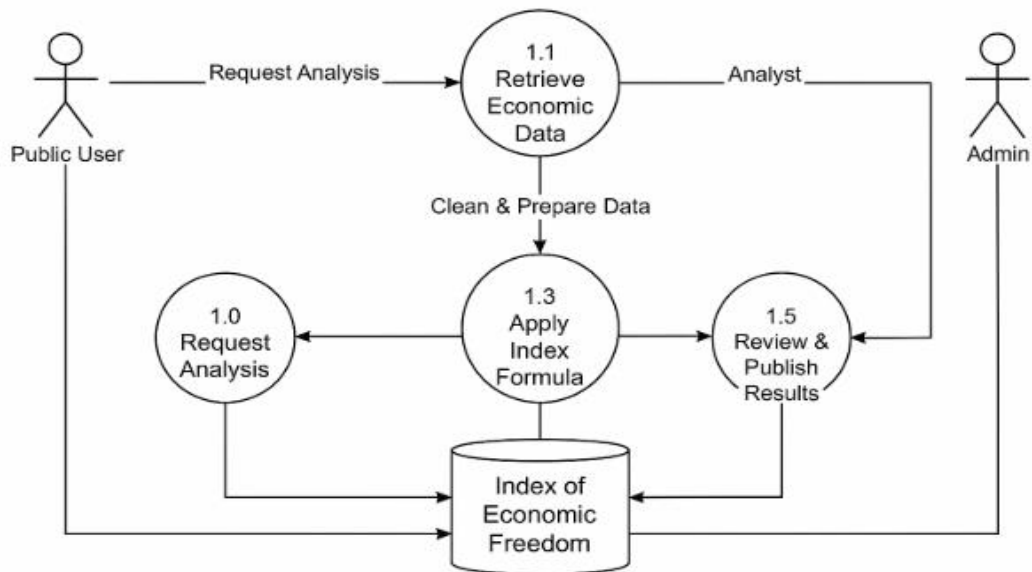## Data Flow Diagram & User Stories

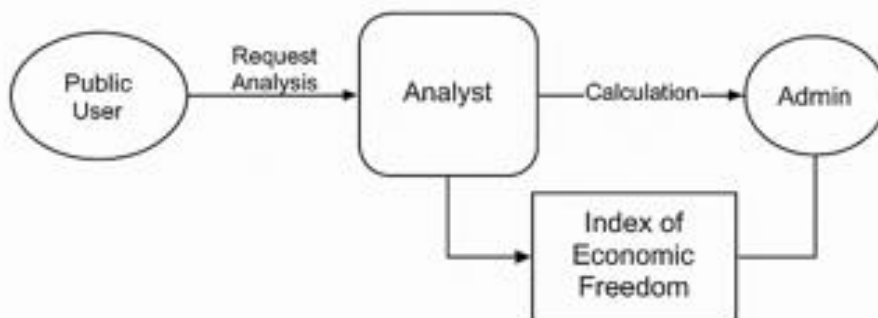| Date	30 June 2025
Team ID	LTVIP2025TMID49576
Project Name	"Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis"
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Index of Economic Freedom Analysis

Level 0 DFD

User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Analyst	Data Upload & Cleaning	USN-1	As an analyst, I can upload economic datasets to the system.	Data is uploaded and validated for format consistency.	High	Sprint-1
Analyst	Visualization & Reporting	USN-2	As an analyst, I can generate visualizations of freedom index trends.	Charts/tables display based on selected country/year.	High	Sprint-2
Admin	User Management	USN-3	As an admin, I can manage (add/delete) users and assign roles.	Users can be added or removed; roles are correctly applied.	Medium	Sprint-1
Public User	Index Browsing	USN-4	As a public user, I can view freedom index reports for selected countries.	Index report loads correctly and matches selected parameters.	High	Sprint-2
Admin	Dataset Management	USN-5	As an admin, I can upload baseline economic freedom indicators.	System accepts and stores data in a secure, consistent format.	High	Sprint-1
Analyst	Index Calculation	USN-6	As an analyst, I can calculate the composite freedom index using a formula.	Index is generated accurately from provided data and formula.	High	Sprint-2