Project Design Phase-II
Data Flow Diagram & User Stories

Date	29 June 2025
Team ID	LTVIP2025TMID33805
Project Name	Sustainable Smart City Assistant Using IBM Granite LLM
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.

Example: (Simplified)
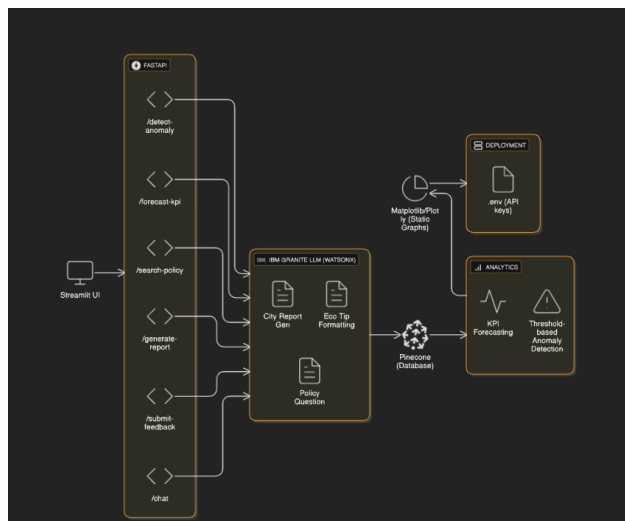
User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Initial Setup & Core Architecture	USN-1	Project Setup & Architecture	Streamlit UI launches successfully with a working sidebar.	High	Sprint-1
Customer (Web user)	Core Functionalities	USN-2	AI Features & User Modules	Chat Assistant is accessible via sidebar and responds accurately to sustainability questions.	High	Sprint-2
Customer Care Executive	AI Insights & Reporting	USN-3	Forecasting & Reports	Report includes recommendations, analysis, and is readable and relevant.	Low	Sprint-3
Administrator	Finalization & Optimization	USN-4	Testing, Deployment & Finishing Touches	All API endpoints are tested and documented.	high	Sprint-4

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