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Project Design Phase-II
Data Flow Diagram & User Stories

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Date	18 June 2025
Team ID	LTVIP2025TMID32067
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.

DFD Level 0 (Industry Standard)

Sustainable Smart City Assistant
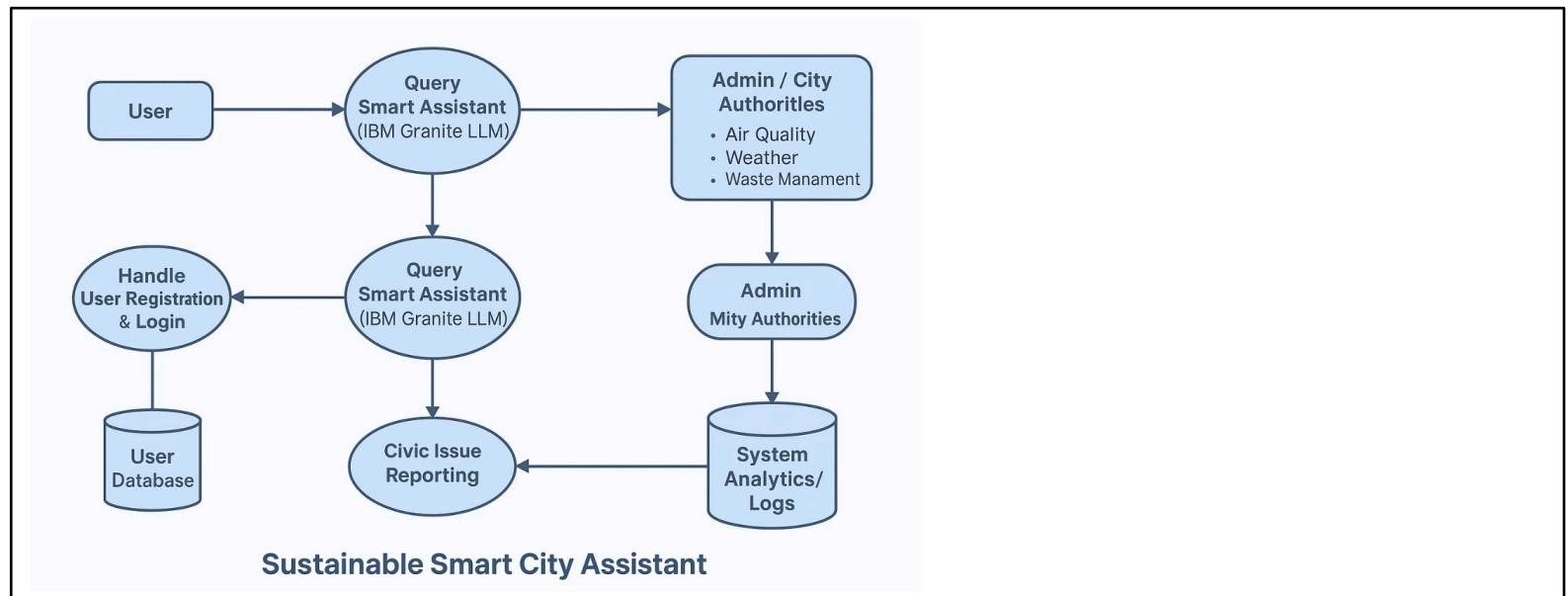
User Stories

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)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register using Gmail	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can access dashboard	High	Sprint-1
	Dashboard	USN-6	As a user, I can view air quality and tips for sustainable actions	I can view real-time AQI & suggestions	High	Sprint-1
Customer (Web user)	Dashboard	USN-7	As a web user, I can access the dashboard with localized environmental info	I see air, water, and waste info for my area	High	Sprint-1
	Language settings	USN-8	As a web user, I can set my preferred language (Gujarati, Hindi, English)	Assistant responds in selected language	Medium	Sprint-2
Customer Care Executive	Issue Management	USN-9	As a CCE, I can view and manage civic issue tickets submitted by users	I can filter, update, and resolve issues	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Administrator	Analytics & Reports	USN-10	As an admin, I can view engagement and system usage reports	I can generate and download reports filtered by date/location/type	Medium	Sprint-2