

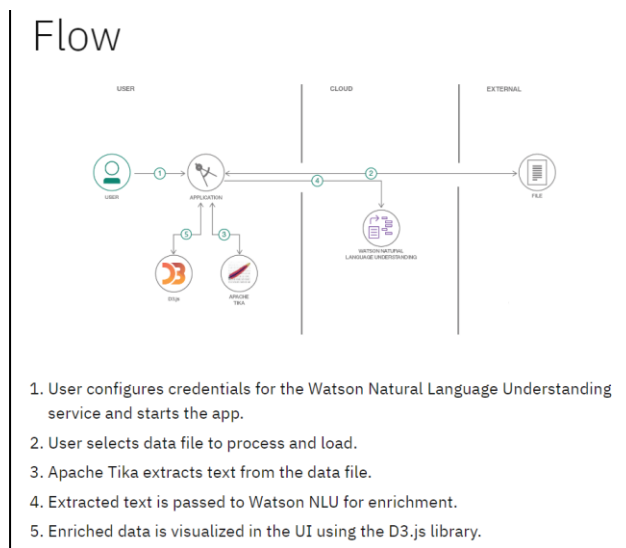
## Project Design Phase-II Data Flow Diagram & User Stories

Date	28 June 2025
Team ID	LTVIP2025TMID60743
Project Name	Sustainable Smart City Assistant Using IBM Granite LLM
Maximum Marks	4 Marks

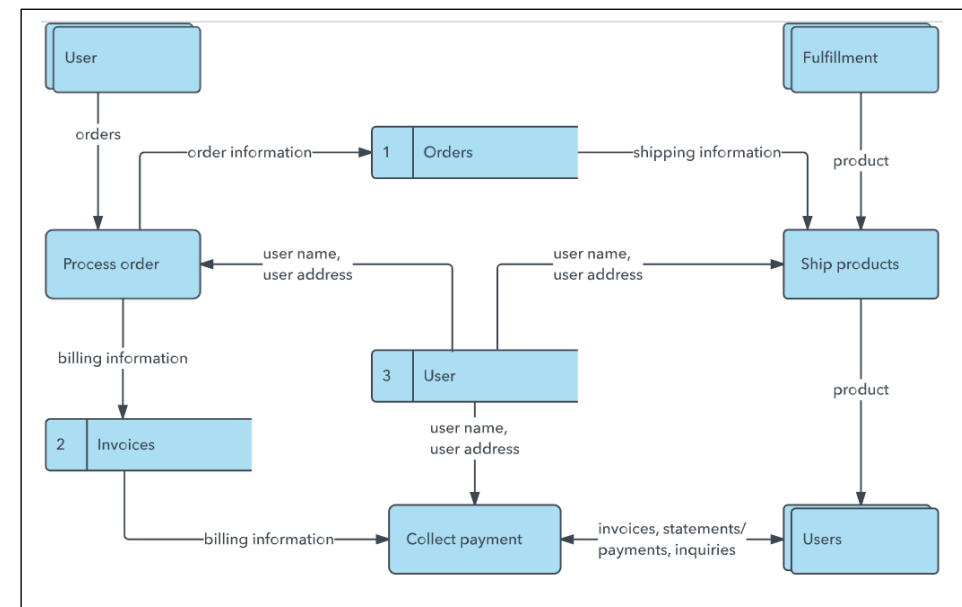
### Data Flow Diagrams:

A **Data Flow Diagram (DFD)** is a simple visual tool that shows how data moves through a system, how it is used or changed, where it goes, and where it is stored. In the context of the **Sustainable Smart City Assistant**, data (like user queries or city data) are sent to the assistant, how the AI model (IBM Granite LLM) processes the information, and how the results (like eco-friendly tips or suggestions) are sent back to the user. It gives a clear picture of the system's flow and helps in planning and building it better.

### Example: (Simplified)



### Example: DFD Level 0 (Industry Standard)



## 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 app by entering my email, password, and confirm it.	I can access my account/dashboard after registration.	High	Sprint-1
	Registration	USN-2	As a user, I will receive a confirmation email after registering.	I receive an email and can click a link to confirm my account.	High	Sprint-1
	Registration	USN-3	As a user, I can register using Facebook.	I can log in and access my dashboard using Facebook login.	Low	Sprint-2
	Registration	USN-4	As a user, I can register using Gmail.	I can log in and access the dashboard using Gmail login.	Medium	Sprint-1
	Login	USN-5	As a user, I can log in with my email and password.	I can successfully log in and view my dashboard.	High	Sprint-1