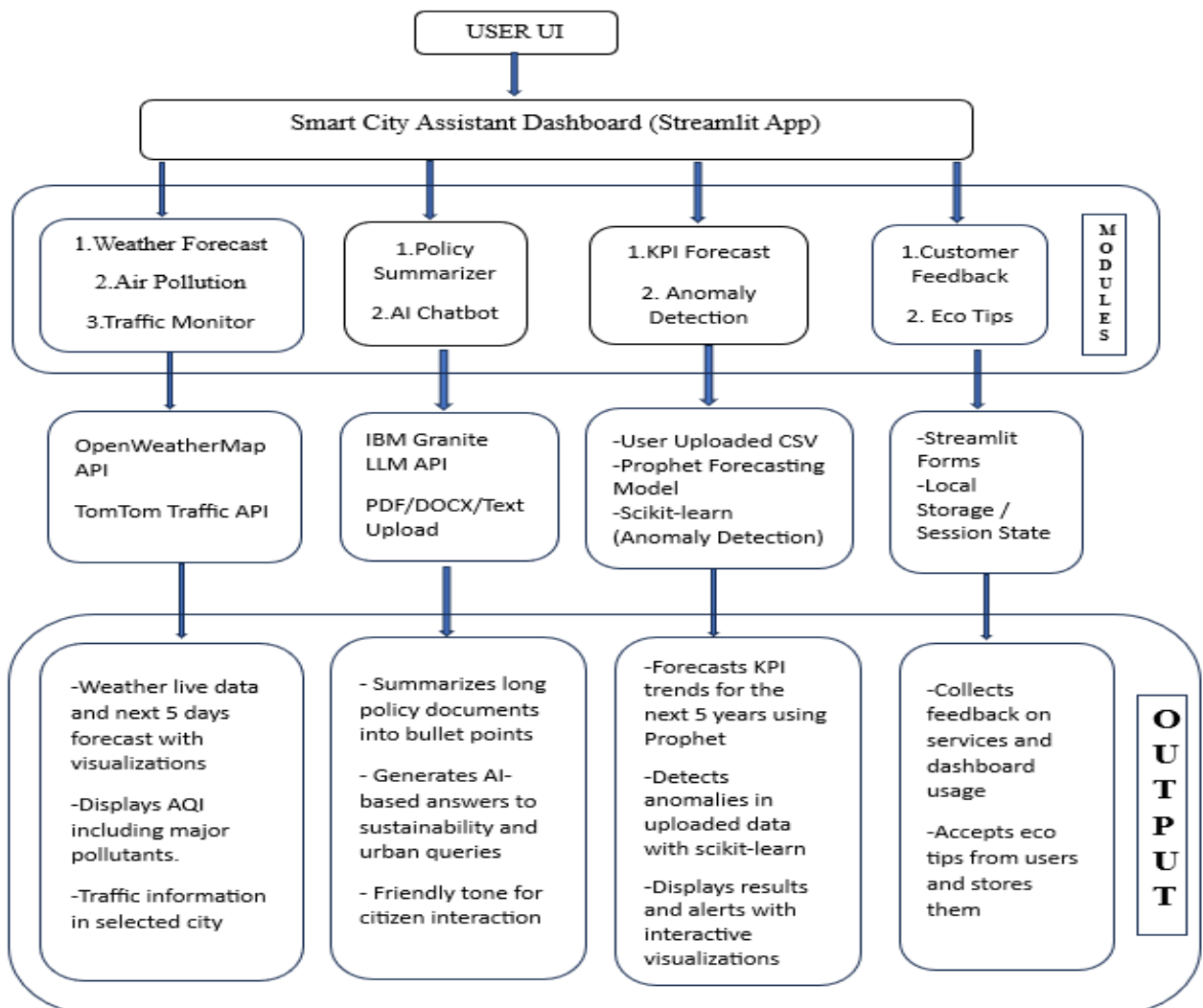


## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	27 June 2025
Team ID	LTVIP2025TMID31710
Project Name	Sustainable Smart City AI Assistant with IBM granite LLM
Maximum Marks	4 Marks

#### 3.3 Dataflow Diagram



## User Stories – Smart City Assistant (Web Application)

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Web user)	City Dashboard	USN-1	As a user, I want to select a city and view live weather, air quality, and traffic updates.	I can see accurate real-time updates once I select a city.	High	Sprint-1
Customer (Web user)	KPI Forecast	USN-2	As a user, I want to upload city data (CSV) and forecast energy or water usage.	I can upload a CSV and view a 5-year forecast graph.	High	Sprint-2
Customer (Web user)	Anomaly Detection	USN-3	As a user, I want to find sudden changes or spikes in my uploaded city data.	I can see highlighted anomalies or alerts in the graph.	Medium	Sprint-2
Customer (Web user)	Policy Summarization	USN-4	As a user, I want to upload a government policy document and get a summarized version.	I can upload a PDF and receive a short summary.	High	Sprint-1
Customer (Web user)	AI Chat Assistant	USN-5	As a user, I want to ask questions about city sustainability and receive smart replies.	I can type a question and get a helpful AI-generated answer.	High	Sprint-1
Customer (Web user)	Eco Tips Submission	USN-6	As a user, I want to submit eco-friendly tips and see them based on categories.	I can submit a tip and can see eco tips.	Medium	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Web user)	Feedback Form	USN-8	As a user, I want to submit feedback about the dashboard experience.	I can enter and submit feedback successfully.	Low	Sprint-2