

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

Date	24 June 2025
Team ID	LTVIP2025TMID48398
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	4 Marks

**User Stories:**

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 log in and access dashboard after registering.	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can confirm my email to activate my account.	High	Sprint-1
		USN-3	As a user, I can register using Gmail.	I can log in using Gmail OAuth.	Medium	Sprint-1
	Login	USN-4	As a user, I can log in using email and password.	I can access the dashboard after login.	High	Sprint-1
	Dashboard	USN-5	As a user, I can view EV analytics in the dashboard.	I can see summary visuals from Indian and Global EV datasets.	High	Sprint-2
	Dashboard	USN-6	As a user, I can filter the dashboard based on parameters (region, year, brand).	Filtered visuals update dynamically.	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Data Upload	USN-7	As a user, I can upload new EV datasets in supported formats (CSV/Excel).	I can upload and see the new data reflected in the dashboard.	Medium	Sprint-3
	Story/Insights	USN-8	As a user, I can read summarized insights based on the dashboard visuals.	I can view short textual insights generated from the visuals.	Medium	Sprint-3
Administrator	Dataset Management	USN-9	As an admin, I can approve or reject uploaded datasets.	Only approved datasets are shown on the dashboard.	Medium	Sprint-3
Administrator	User Management	USN-10	As an admin, I can view, block, or delete registered users.	User actions take effect immediately.	Medium	Sprint-3
Customer Care Executive	Support Requests	USN-11	As a support exec, I can view user issues submitted via contact form.	I can view the list of unresolved tickets.	low	Sprint-3
Customer (Mobile user)	Dashboard	USN-12	As a mobile user, I can access a responsive version of the dashboard.	All visuals fit screen and are readable.	Medium	Sprint-2

## Data Flow Diagram:

