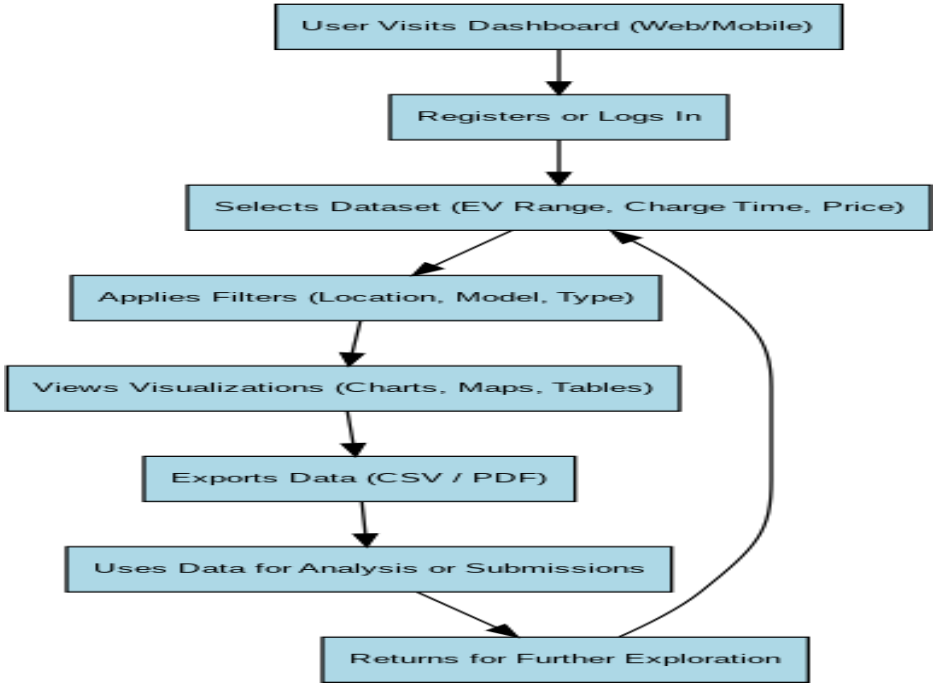
Project Design Phase-II
Data Flow Diagram & User Stories

Date	20 February 2026
Team ID	LTVIP2026TMIDS74497
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	4 Marks

Data Flow Diagrams:



User Stories

EV Dashboard – User Stories Table

User Type	Functional Requirent(Epic)	User Story No.	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Web/Mobile)	Registration	USN-1	As a user, I can register using email and password to access	EV dashboard.Able to login and view dashboard	High	Sprint-1
Customer (Web/Mobile)	Confirmation Email	USN-2	As a user, I receive a confirmation email after registration.	Email received and confirmation link works	High	Sprint-1
Customer (Web)	Data Visualization	USN-3	As a user, I can select EV datasets and visualize charts/graphs.	Charts load based on filters	High	Sprint-2
Customer (Web)	Filtering Data	USN-4	As a user, I can filter EV data by location, range, or price.	Filter changes update the visuals	Medium	Sprint-2
Customer (Web)	Exporting Reports	USN-5	As a user, I can export visualized data into PDF or CSV format.	Report is downloaded correctly	Medium	Sprint-3
Administrator	Data Upload	USN-6	As an admin, I can upload and update new EV data sets.	New data is reflected in dashboard	High	Sprint-3