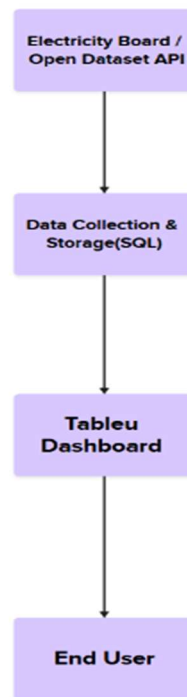


Project Design Phase-II

Data Flow Diagram & User Stories

Date	19 June 2025
Team ID	LTVIP2025TMID51504
Project Name	Plugging into the Future: An Exploration of Electricity Consumption Patterns Using Tableau
Maximum Marks	4 Marks

Data Flow Diagram:



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 (Web user)	Dashboard	USN-1	As a user, I can view my electricity usage by month and state using interactive charts.	Usage charts are visible and update based on selected filters	High	Sprint-1
Customer (Web user)	Filter & Insights	USN-2	As a user, I can apply filters by date, region, and type (residential/commercial)	Filters dynamically update dashboard visuals	High	Sprint-1
Customer (Web user)	Forecast	USN-3	As a user, I can view forecasted electricity usage based on past trends	Forecast chart is visible and reacts to date range selection	Medium	Sprint-2
Customer (Web user)	Storytelling	USN-4	As a user, I can explore a visual story showing electricity usage before, during, and after COVID	Story is accessible and navigable with at least 3 scenes	Medium	Sprint-2
Customer (Web user)	Web Access via Flask	USN-5	As a user, I can access the dashboard and story via a web interface built with Flask	Flask app loads dashboard and story using Tableau embed links	High	Sprint-1