

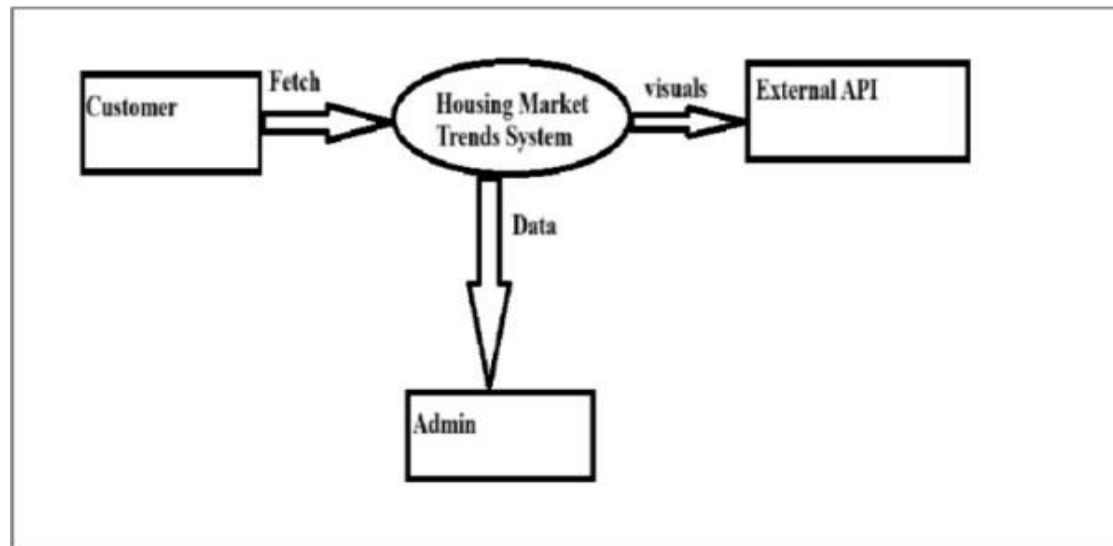
Project Design Phase-II

Data Flow Diagram & User Stories

Date	3 February 2026
Team ID	LTVIP2026TMIDS79794
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



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
Student / Analyst	Data Collection	USN-1	As a user, I can load housing dataset into Tableau	Dataset loads successfully	High	Sprint-1
Student / Analyst	Data Preprocessing	USN-2	As a user, I can clean and preprocess housing data	Missing values removed and dataset cleaned	High	Sprint-2
Student / Analyst	Dashboard Development	USN-3	As a user, I can view housing sales trend dashboard	Dashboard shows correct trends	High	Sprint-2
Student / Analyst	Dashboard Development	USN-4	As a user, I can view renovation and house age charts	Charts load and show correct data	High	Sprint-2
Student / Analyst	Feature Analysis	USN-5	As a user, I can analyze bedrooms, bathrooms and floors impact	Feature charts working correctly	High	Sprint-3
Student / Analyst	Story Visualization	USN-6	As a user, I can view Tableau story explaining insights	Story loads and shows insights clearly	Medium	Sprint-4
Student / Analyst	Web Deployment	CSN-7	As a user, I can view dashboards in website	Website loads dashboard successfully	Medium	Sprint-4