Project Design Phase-II
Data Flow Diagram & User Stories

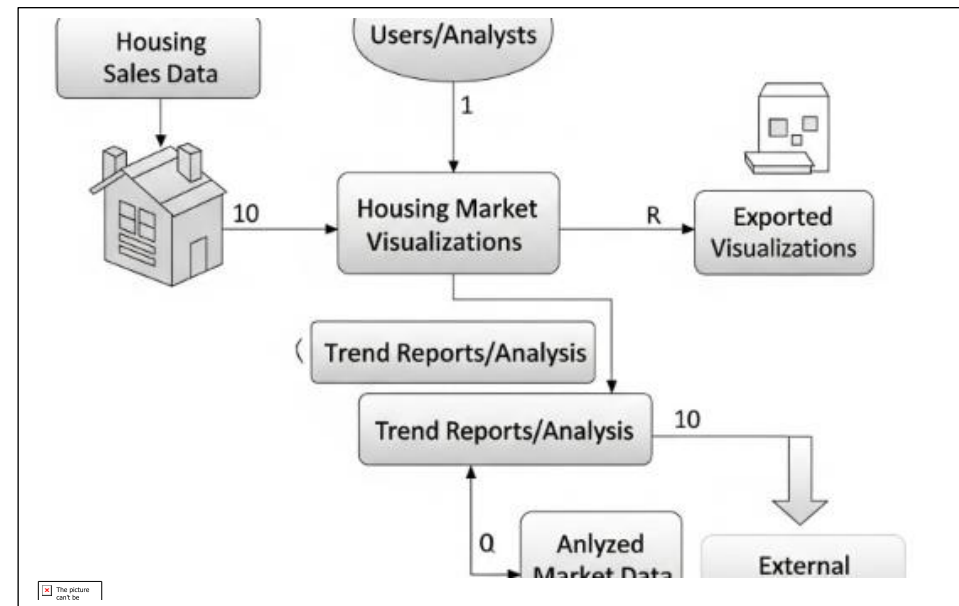| Date	28 June 2025
Team ID	LTVIP2025TMID48638
Project Name	visualizing housing market trends: an analysis of sale
Maximum Marks	4 Marks

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.

Example: (Simplified)

Example: DFD Level 0 (Industry Standard)

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)	View Market Dashboard	USN-1	As a user, I want to explore visual trends in house prices by selecting city and time range.	I can see graphs for selected filter	High	Sprint-1
Customer (Web User)	Filter and Compare	USN-2	As a user, I want to compare different locations to see price trends side-by-side	I can compare 2+ locations visually	High	Sprint-2
Customer (Web User)	Save Report	USN-3	As a user, I want to download or save my filtered charts	I can save/download charts in PDF/CSV	Medium	Sprint-2
Customer (Web User)	Email Notifications	USN-1	As a user, I want to receive alerts when prices rise or drop significantly	I get emails based on thresholds I set	Medium	Sprint-3
Administrator	Manage Data Source	USN-2	As an admin, I want to upload/update property sales data regularly	I can add data via CSV/API & it's reflected in dashboards	High	Sprint-1
Administrator	Monitor Usage	USN-3	As an admin, I want to view how many users are using the tool & what filters are comm	I can see usage stats	Low	Sprint-3