Requirement Gathering and Analysis Phase
Data Flow Diagram & User Stories

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Team ID	LTVIP2025TMID47699
Project Name	Project – HouseHunt

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.
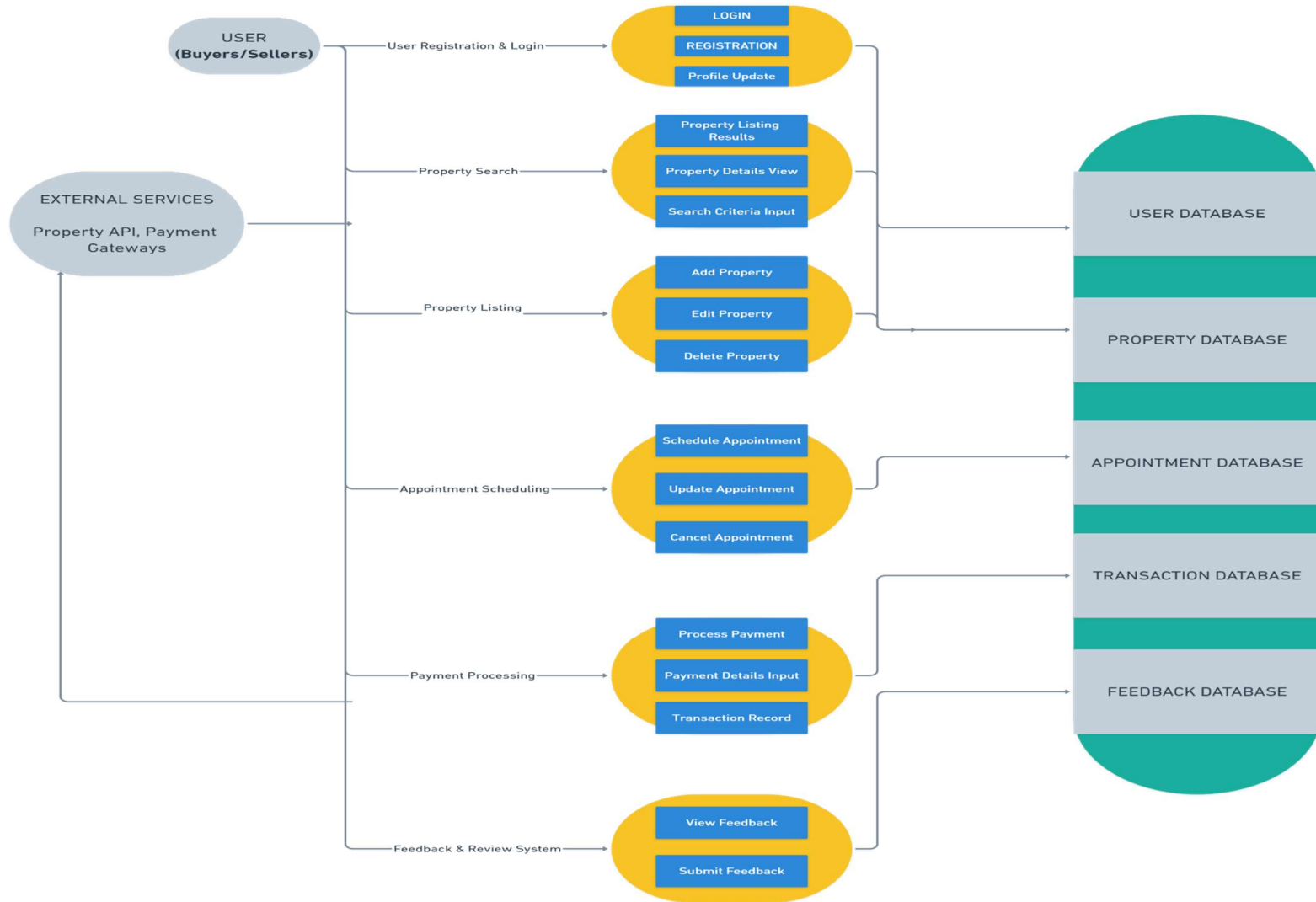
User Stories

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
Customer (Web user)	Search and Filters	USN-1	As a user, I want to search for properties by location, price range, and property type (apartments, villas, etc.) so I can find listings that meet my needs.	I can view properties based on my own specific needs	High	Sprint-1
Customer (Mobile user)	User Accounts & Communication	USN-2	As a user, I want to create an account through Gmail with proper authentication and save my searches and favourite listings so I can easily access them later.	I can access my account / dashboard	High	Sprint-1
Customer (Mobile user)	User Accounts & Communication	USN-3	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
Customer (Web user)	Market Insights	USN-4	As a user, I want to see an indicator on listings of current and past price changes in the area.	I can have an idea of monetary requirements and try to align my own assets with it	Low	Sprint-2
Administrator	Environmental data	USN-5	As a user, I want to see an overlay on listings showing estimated noise levels and air quality	I want to have an overview of the environmental factors	Low	Sprint-2
Customer (Web user)	Detailed Listings	USN-6	As a user, I want to view detailed listings with high-quality photos and videos so I can get a good sense of the property.	I can visually access and filter out properties	Medium	Sprint-1
Customer (Web user)	User Accounts & Communication	USN-7	As a user, I want to contact sellers or landlords directly through the platform to inquire about properties.	I can have one on one communication through this gateway	High	Sprint-1
Administrator	Neighbourhood Insights	USN-8	As a user, I want to have an idea about the surrounding neighbourhood, including schools, parks, and amenities.	I want an overview of the neighbourhood	High	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Administrator	Community Rating, Reviews and Feedback	USN-9	As a user, I want to read reviews from other users about neighbourhoods and property management companies.	Review and feedback	Medium	Sprint-2
Customer (Web user)	School district & commute overlays	USN-10	As a user, I want to filter listings based on commute time to specific locations (work, school).	Advanced filtering options	Low	Sprint-2
Customer(Seller)	Dashboard for sellers, agents and landlords	USN-11	As a seller/landlord, I want to host a live, interactive open house directly on the platform, upload images, be able to directly communicate with clients and schedule meetings.	I can market my properties	High	Sprint-3
Administrator	Notifications	USN-12	As a user, I want to be notified when new listings matching my saved searches become available.	notifications	High	Sprint-3
Customer Care Executive	Security Considerations Enforcement	USN-13	As a user, seller, dealer or landlord I want to deal with only legitimate and authorized individuals as well as property and want my own information to be secure.	Cyber security	High	Sprint-3