Project Design Phase-II
# Data Flow Diagram & User Stories

| Date	16 Jan 2026
Team ID	LTVIP2026TMIDS24608
Project Name	House Hunt: Smart Search for Smarter Living
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)
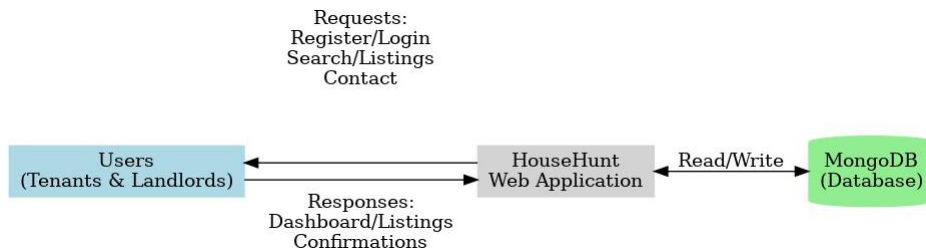
- Represents the Househunt system as a single process interacting with users and admins.

- Tenants and landlords send/receive data like login, properties, and messages.

- All data is stored and retrieved from a centralized MongoDB database.
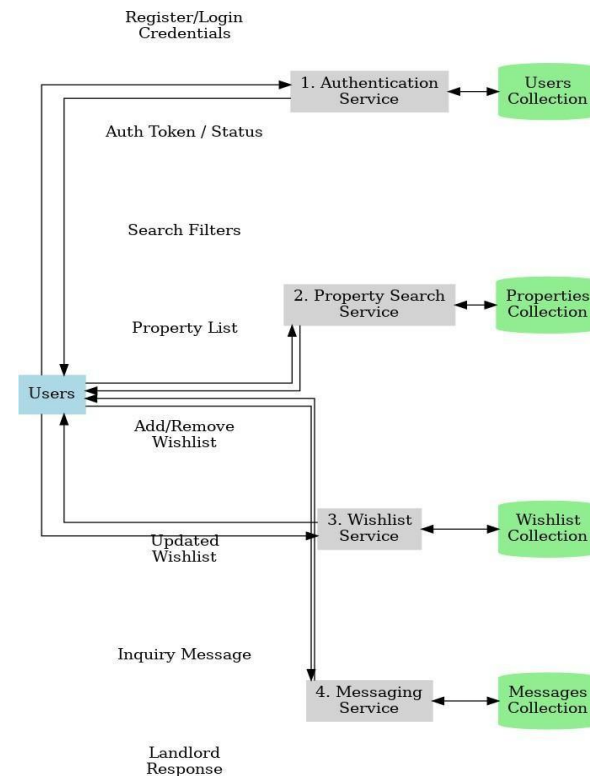
User Stories

User Type	Functional Requirement (Epic)	User Story #	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Web)	Registration	USN-1	As a user, I can register with email and password.	I can access my dashboard	High	Sprint-1
Customer (Web)	Registration	USN-2	As a user, I receive a confirmation email after registration.	I receive & confirm via email	High	Sprint-1
Customer (Web)	Registration (OAuth)	USN-4	As a user, I can register using Gmail authentication.	I register via Gmail	Medium	Sprint-1
Customer (Web)	Login	USN-5	As a user, I can log in using email and password.	I access my dashboard	High	Sprint-1
Customer (Web)	Dashboard	USN-6	As a user, I can view my saved properties and inquiries on dashboard.	Dashboard shows saved listings and messages	High	Sprint-2
Customer (Web)	Wishlist	USN-7	As a user, I can add/remove properties from my wishlist.	Heart icon toggles and saves correctly	Medium	Sprint-2
Customer (Web)	Property Search	USN-8	As a user, I can browse and filter properties by location/price/type.	Filters update listing instantly	High	Sprint-2
Customer (Web)	Contact Landlord	USN-9	As a user, I can contact the landlord for a property inquiry.	Inquiry sends and reflects in landlord inbox	High	Sprint-3
Customer (Web)	Profile Management	USN-10	As a user, I can update my profile (name/email/password).	Changes are saved and reflected on next login	Medium	Sprint-3
Administrator	Admin Dashboard	USN-11	As an admin, I can manage all properties, users, and inquiries.	Admin panel updates backend & reflects in UI	High	Sprint-4
Administrator	Inquiry Management	USN-12	As an admin, I can view and respond to tenant inquiries.	Responses are recorded and shown to users	Medium	Sprint-4
Administrator	Property Image Upload	USN-13	As an admin, I can upload property images when listing new houses.	Images are uploaded and displayed properly in listing cards	Medium	Sprint-4