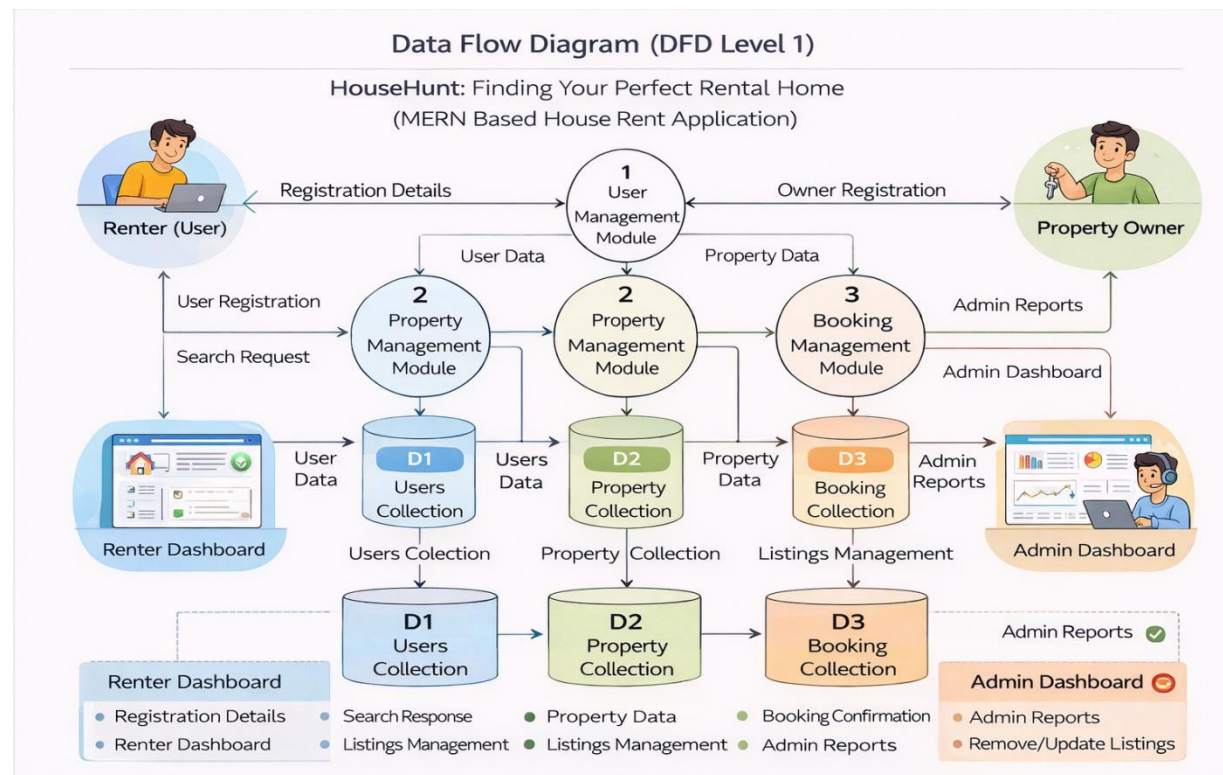


Data Flow Diagram & User Stories

Date	31 January 2026
Team ID	LTVIP2026TMIDS38973
Project Name	HouseHunt: Finding Your Perfect Rental Home
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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Renter)	Registration	US-1	As a renter, I want to register using name, email and password so that I can create an account.	<ul style="list-style-type: none"> - User enters valid name, email, password - Email must be unique - Account is created successfully 	High	Sprint-1
	Login	US-2	As a renter, I want to login using email and password so that I can access my dashboard.	<ul style="list-style-type: none"> - Valid credentials allow login - Invalid credentials show error 	High	Sprint-1
	Property Search	US-3	As a renter, I want to search properties by location, price and type so that I can find suitable homes.	<ul style="list-style-type: none"> - Search filters work correctly - Results match selected filters 	High	Sprint-1
	View Property Details	US-4	As a renter, I want to view property details so that I can see price, images, description and owner details.	<ul style="list-style-type: none"> - Property page shows images - Shows price & description - Contact information visible 	High	Sprint-1
	Booking Property	US-5	As a renter, I want to book a property so that I can reserve it.	<ul style="list-style-type: none"> - Booking request is sent - Booking confirmation displayed - Booking stored in database 	High	Sprint-2
	View Booking History	US-6	As a renter, I want to view my booking history so that I can track my reservations.	<ul style="list-style-type: none"> - Shows list of bookings - Displays booking status 	Medium	Sprint-2
Property Owner	Owner Registration	US-7	As a property owner, I want to register so that I can list my property.	<ul style="list-style-type: none"> - Owner details stored - Unique email required 	High	Sprint-1

	Add Property	US-8	As an owner, I want to add property details so that renters can view my listing.	<ul style="list-style-type: none"> - Property title, price, location required - Property saved to database 	High	Sprint-1
	Update Property	US-9	As an owner, I want to update property details so that information remains accurate.	<ul style="list-style-type: none"> - Changes are saved - Updated data reflects on renter dashboard 	Medium	Sprint-2
	Delete Property	US-10	As an owner, I want to remove a property listing so that unavailable properties are not shown.	<ul style="list-style-type: none"> - Property removed from listings - Confirmation shown 	Medium	Sprint-2
	View Bookings	US-11	As an owner, I want to view booking requests so that I can manage reservations.	<ul style="list-style-type: none"> - Booking list visible - Status (Pending/Approved/Rejected) displayed 	High	Sprint-2
Admin	Manage Users	US-12	As an admin, I want to view and manage users so that platform integrity is maintained.	<ul style="list-style-type: none"> - Admin can view user list - Admin can deactivate users 	High	Sprint-2
	Manage Properties	US-13	As an admin, I want to remove inappropriate listings so that platform standards are maintained.	<ul style="list-style-type: none"> - Admin can delete listings - Changes reflect immediately 	High	Sprint-2
	View Reports & Dashboard	US-14	As an admin, I want to view system reports so that I can analyze platform activity.	<ul style="list-style-type: none"> - Dashboard shows total users - Shows total properties - Shows total bookings 	Medium	Sprint-3