

Project Design Phase-II

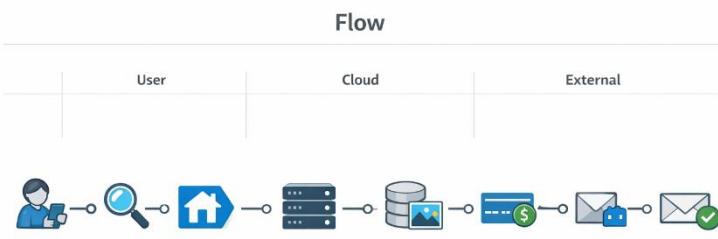
Data Flow Diagram & User Stories

Date	22 February 2026
Team ID	LTVIP2026TMIDS42582
Project Name	Home-Rentals
Maximum Marks	4 Marks

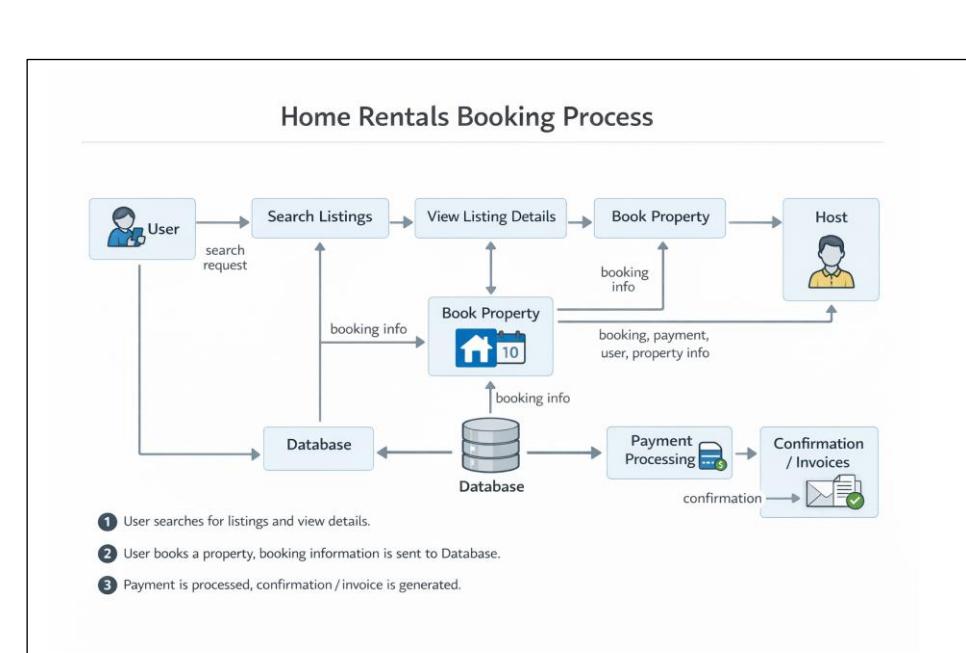
Data Flow Diagrams:

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)



- ① User browses the Home Rentals app and logs in.
- ② User searches for rental properties and selects a listing.
- ③ Application fetches property data from the backend server.
- ④ Server retrieves listing details and images from the database.
- ⑤ User books the property and makes a payment.
- ⑥ Confirmation and booking details are sent to the user.



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 (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
	Registration	USN-2	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
	Registration	USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
	Registration	USN-4	As a user, I can register for the application through Gmail	I can register and access dashboard with Google login.	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can log in and access my dashboard.	High	Sprint -1
	Search Listings	USN-6	As a user, I can search for rental properties by location, date, and price.	I see relevant listings based on my search criteria.	High	Sprint - 1
Customer (Web user)	Registration/Login	USN-11	As a web user, I can register and log in via the website.	I can access my account/dashboard on the web.	High	Sprint - 1
Customer Care Executive	Support	USN-14	As a support agent, I can view user issues and respond to queries.	I can resolve or escalate user issues.	Medium	Sprint - 3
Administrator	User Management	USN-15	As an admin, I can manage users, listings, and bookings.	I can view, edit, or remove users and listings.	High	Sprint - 3
	Analytics	USN-16	As an admin, I can view analytics on bookings and users.	I see reports and statistics in the admin dashboard.	Medium	Sprint - 3