Project Design Phase-II

Data Flow Diagram & User Stories

Date	27 June 2025
Team ID	LTVIP2025TMID20380
Project Name	HouseHunt: Finding your perfect rental home
Maximum Marks	4 Marks

Data Flow Diagrams (DFD) – HouseHunt

A Data Flow Diagram (DFD) is a visual representation of how data moves through the HouseHunt online rental platform. It outlines how data enters the system, how it is processed, where it is stored, and how it exits the system. The DFD helps in understanding system functionalities and the flow of information between users, processes, and databases.In the context of HouseHunt, the DFD shows how properties are registered by owners, booked by renters, and approves owners by admins.
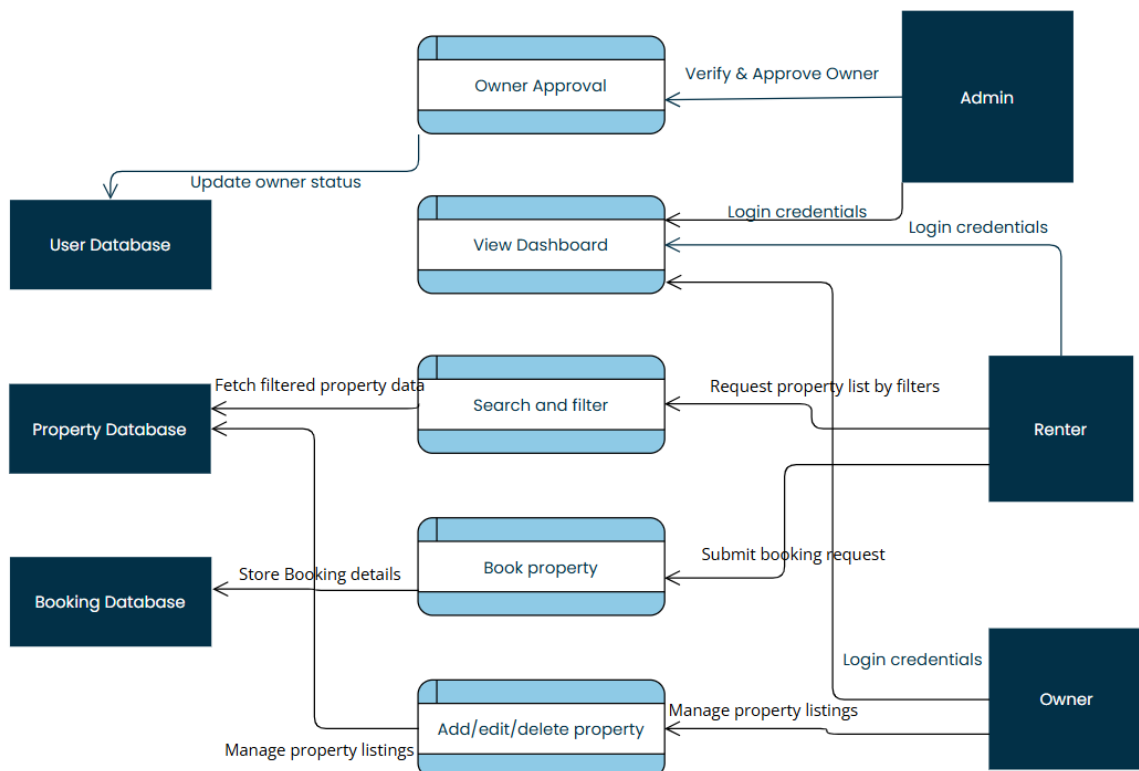
USER STORIES –HOUSEHUNT

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 after registering	High	Sprint- 1
		USN-2	As a user, I will receive a confirmation email once I have registered.	I can receive a confirmation email and verify my account	High	Sprint- 1
		USN-3	As a user, I can register using Facebook login.	I can register and access the dashboard using Facebook	Low	Sprint- 2
		USN-4	As a user, I can register using my Gmail account.	I can sign up and reach the dashboard using Gmail	Medium	Sprint- 1
	Login	USN-5	As a user, I can log in using my registered email and password.	I can successfully log in and view my dashboard	High	Sprint- 1
	Book Property	USN-6	As a mobile user, I want to book a property directly from my phone	Booking form submits successfully and shows confirmation	High	Sprint- 2
Customer (Web user)	Registration/Login	USN-7	As a web user, I can register and log in through the web portal.	Account is created and dashboard is accessible	High	Sprint- 1

	Search & Filter	USN-8	As a web user, I want to filter property listings by location and type	Filters apply and return matching properties	High	Sprint- 2
	View Booking History	USN-9	As a web user, I want to view my previous bookings in dashboard	Booking history is shown in user dashboard	Medium	Sprint-2
Customer Care Executive	Respond to Support Queries	USN-10	As a customer care executive,I wa t to view user queries and respond via email	Executive can access a dashboard and reply to users	Low	Sprint -3
Administrator	Owner Approval	USN-11	As an admin, I want to approve or reject owner registration requests	Admin dashboard lists pending requests and updates status	Medium	Sprint-2
	Manage Bookings	USN-12	As an admin, I want to monitor and manage all property bookings	All booking records are visible with owner/user links	Medium	Sprint-3
	Dashboard Overview	USN-13	As an admin, I want to view summary statistics of users, properties, bookings	Graph or table showing overall platform activity	Low	Sprint-3