Project Design Phase-II
Data Flow Diagram & User Stories
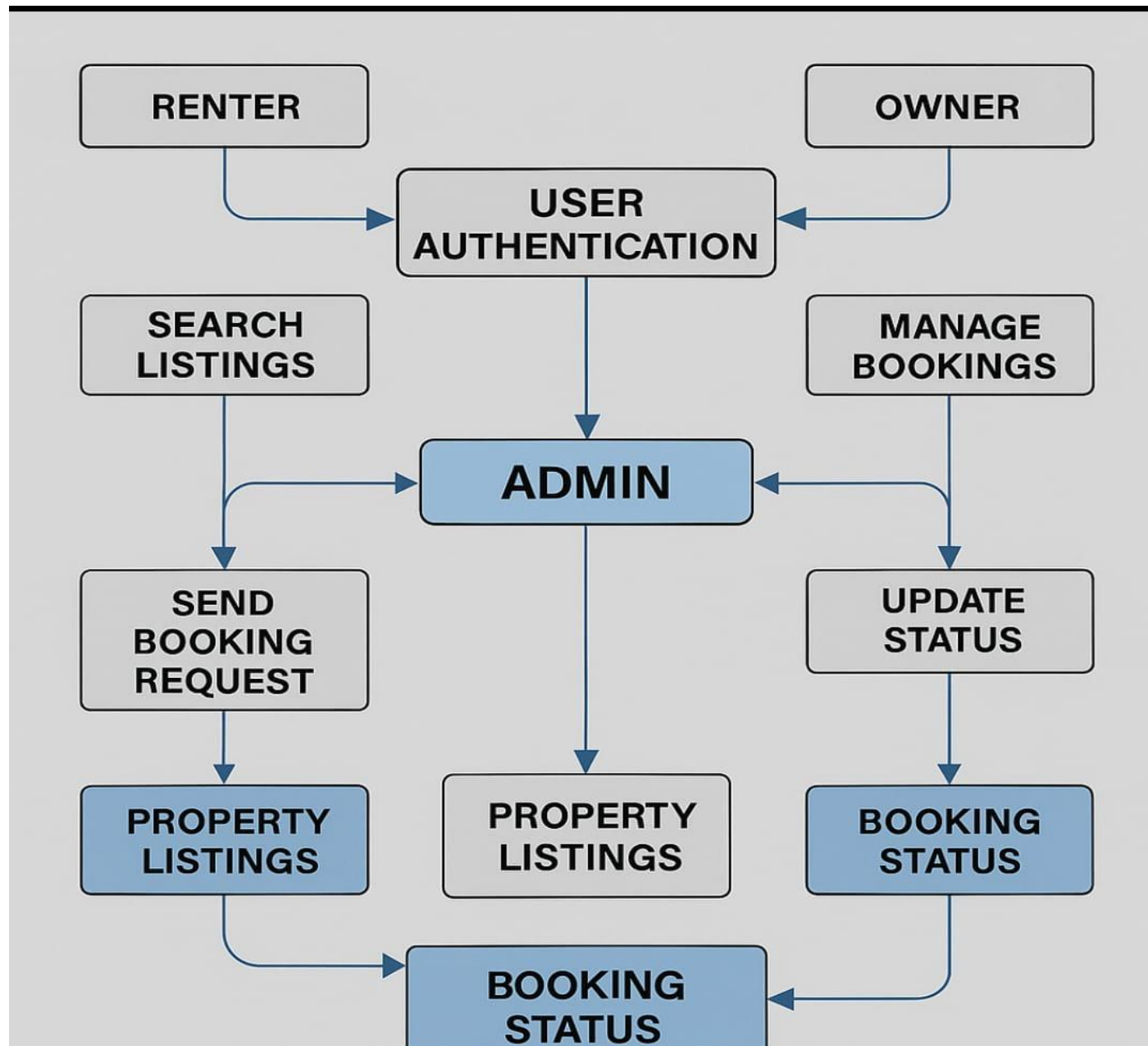
Date	30 June 2025
Team ID	LTVIP2025TMID53273
Project Name	House Hunt – Finding Your Perfect Rental Home
Maximum Marks	4 Marks

Data Flow Diagrams:

The Data Flow Diagram (DFD) illustrates how data moves within the House Hunt platform. It captures how users (renter, owner, admin) interact with the system, how information flows between components, and where the data is stored.

DFD Overview

- Owner logs in, adds property listings, manages availability, and accepts/rejects bookings.
- Admin handles user moderation, verifies owner accounts, and monitors listings.
- Booking status and notifications are updated and stored in the system database.

User Stories

User Story Table - House Hunt

User Type	Functional Requirement (Epic)	User Story / Task	Acceptance Criteria	Priority	Release
Renter	Property Search	As a renter, I can search for homes by location, price, and preferences.	Results should list matching properties.	High	Sprint-1
Renter	Booking System	As a renter, I can send a booking request for a selected property.	Booking status shown as "Requested"	High	Sprint-2

Owner	Property Management	As an owner, I can add and manage rental listings.	Properties are listed in the public search	High	Sprint-1
Owner	Availability Management	As an owner,I can update property availability status	Status updates instantly in listings.	Medium	Sprint-2
Admin	User Verification	As an Admin, I can approve or block property owner accounts.	Owner access granted or defined	High	Sprint-1
Admin	Complaint Handling	As an admin I can review flagged listings Or users and take action.	Complaints logged and resolved.	Medium	Sprint-2

user	Authentication	As a user, I can sign up and login securely.	User is redirected to role-based dashboard	High	Sprint-1
User	Notifications	As a user, I get notified about booking confirmations and updates.	Notifications via email are timely and correct.	Medium	Sprint-3