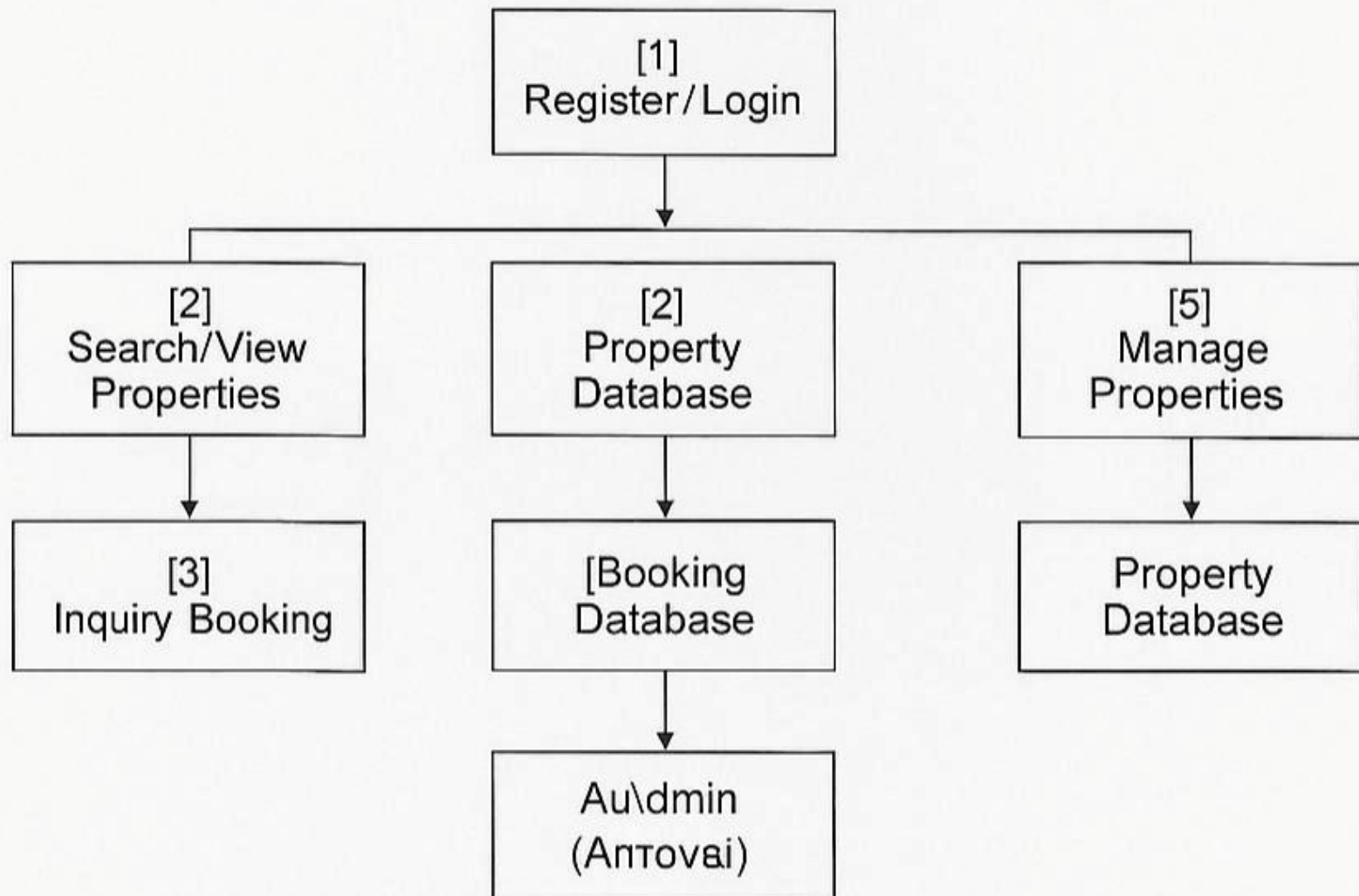| Date	24-06-2025
Team ID	LTVIP2025TMID53224
Project Name	HouseHunt: Finding Your Perfect Rental Home
Maximum Marks	4 Marks

Data Flow Diagrams:

A **Data Flow Diagram (DFD)** illustrates how data moves within the HouseHunt platform. It captures how users interact with the system, how information flows between different components (like renters, owners, admin), and where the data is stored (MongoDB database).

- **Level 0**

- **Level 1**

```
                    ┌─────────────────┐
                    │      [1]        │
                    │ Register/Login  │
                    └────────┬────────┘
                             │
        ┌────────────────────┼────────────────────┐
        │                    │                    │
┌───────┴────────┐  ┌────────┴───────┐  ┌─────────┴──────┐
│      [2]       │  │      [2]       │  │      [5]       │
│  Search/View   │  │   Property     │  │    Manage      │
│  Properties    │  │   Database     │  │  Properties    │
└───────┬────────┘  └────────┬───────┘  └─────────┬──────┘
        │                    │                    │
┌───────┴────────┐  ┌────────┴───────┐  ┌─────────┴──────┐
│      [3]       │  │    [Booking    │  │   Property     │
│ Inquiry Booking│  │    Database    │  │   Database     │
└────────────────┘  └────────┬───────┘  └────────────────┘
                             │
                    ┌────────┴───────┐
                    │    Au\dmin     │
                    │   (Aптоvɐi)    │
                    └────────────────┘
```
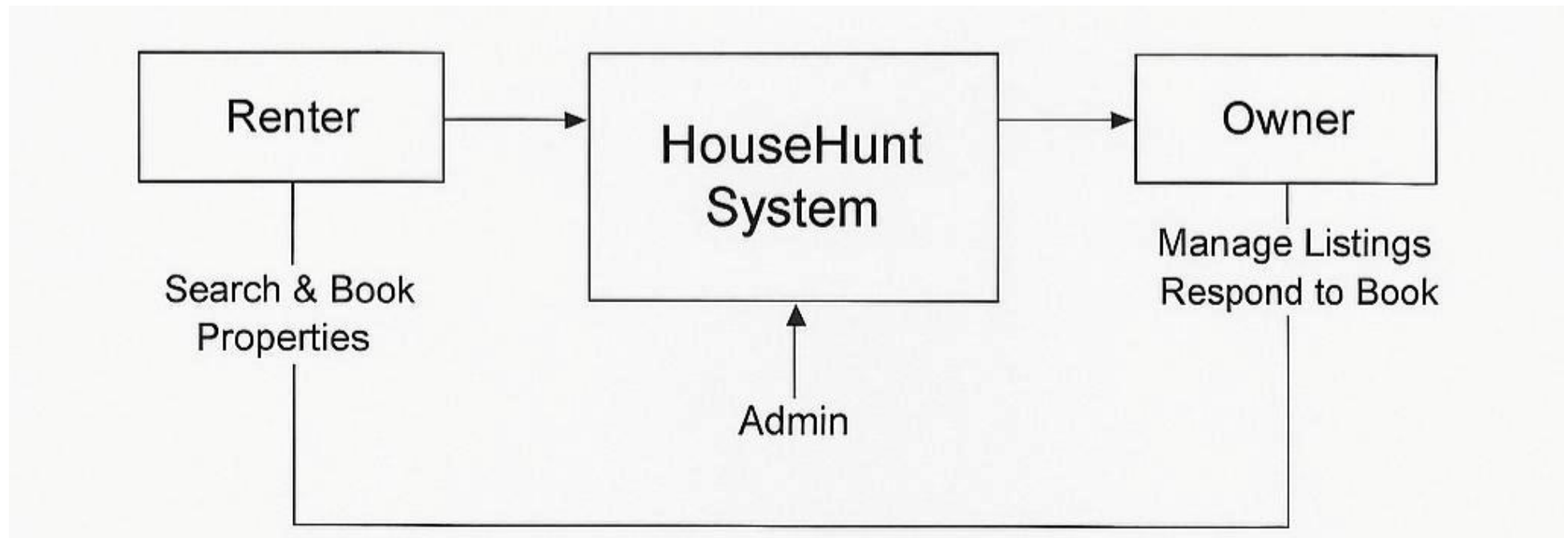
User Story Table – HouseHunt

User Type	Functional Requirement (Epic)	User Story / Task	Acceptance Criteria	Priority	Release
Renter	Property Search	As a renter, I can search for available properties using filters.	Filtered listings are displayed with photos, rent, and location.	High	Sprint-1

Renter	Renter Inquiry & Booking	As a renter, I can send an inquiry and booking request to the owner.	Owner receives and can approve or reject the request.	High	Sprint-1
Owner	Property Management	As an owner, I can add, edit, or delete rental listings.	Updated properties are shown on the platform.	High	Sprint-1
Owner	Booking Response	As an owner, I can view and respond to booking inquiries.	Renter receives booking status update.	High	Sprint-2

Admin	Owner Approval	As an admin, I can verify and approve owner registration.	Only approved owners can list properties.	High	Sprint-1
Admin	Platform Moderation	As an admin, I can monitor activity and remove inappropriate content.	Moderation actions are logged.	High	Sprint-2
Renter & Owner	Messaging	As a user, I can message the other party in real time.	Messages appear instantly in chat.	Medium	Sprint-2

| Renter | Notifications | As a renter, I receive notifications when booking status changes. | Notification appears on dashboard. | Medium | Sprint-2 |