Project Design Phase-II
Data Flow Diagram & User Stories
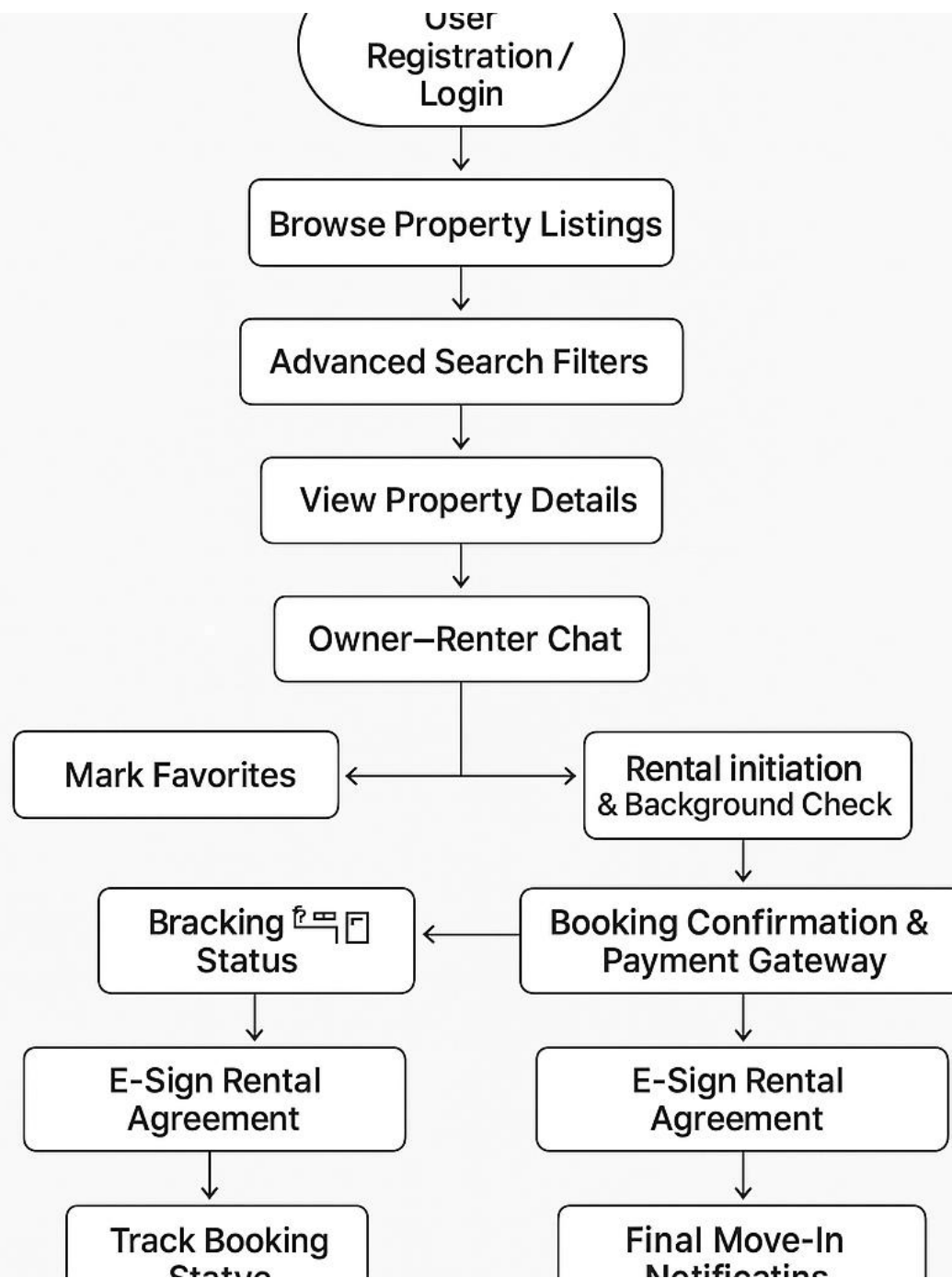
Date	22 May 2025
Team ID	LTVIP2025TMID56063
Project Name	House
Maximum Marks	4 Marks

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: DFD Level 0 (Industry Standard)

Example:

```
                    ┌─────────────┐
                    │    User     │
                    │Registration/│
                    │   Login     │
                    └─────────────┘
                           │
                           ▼
                 ┌──────────────────────┐
                 │ Browse Property Listings│
                 └──────────────────────┘
                           │
                           ▼
                 ┌──────────────────────┐
                 │ Advanced Search Filters │
                 └──────────────────────┘
                           │
                           ▼
                 ┌──────────────────────┐
                 │  View Property Details │
                 └──────────────────────┘
                           │
                           ▼
                 ┌──────────────────────┐
                 │   Owner–Renter Chat   │
                 └──────────────────────┘
                           │
          ┌────────────────┴─────────────────┐
          ▼                                  ▼
  ┌──────────────┐              ┌──────────────────────┐
  │ Mark Favorites │◄──────────►│   Rental initiation   │
  └──────────────┘              │  & Background Check   │
                                └──────────────────────┘
                                           │
                                           ▼
  ┌──────────────┐              ┌──────────────────────┐
  │  Bracking ⬚⬚⬚ │◄────────────│ Booking Confirmation & │
  │    Status     │             │   Payment Gateway     │
  └──────────────┘              └──────────────────────┘
          │                                  │
          ▼                                  ▼
  ┌──────────────┐              ┌──────────────────────┐
  │ E-Sign Rental │             │    E-Sign Rental     │
  │  Agreement    │             │     Agreement        │
  └──────────────┘              └──────────────────────┘
          │                                  │
          ▼                                  ▼
  ┌──────────────┐              ┌──────────────────────┐
  │ Track Booking │             │   Final Move-In      │
  │   Status      │             │   Notificatins       │
  └──────────────┘              └──────────────────────┘
```

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
Educator	Account Setup	USN-1	As an educator, I can register by entering my email and password.	II can create an account easily	High	Sprint-1
	Course Creation	USN-2	As an educator, I can create and manage courses.	I can create high quality courses	High	Sprint-1
	Upload Content	USN-3	As an educator, I can upload videos, add chapters and pages.	I can structure content within courses	High	Sprint-2
Learner		USN-1	As a learner, I can find latest technology courses	I can easily find latest courses	High	Sprint 1
		USN-2	As a learner, I should be able to learn from the comfort of my home	I can easily learn any course remotely	High	Sprint 1
		USN-3	As a learner, I should be able to learn courses in any regional language	I can access content in any language	Low	Sprint 2