Requirement Gathering and Analysis Phase
Data Flow Diagram & User Stories

Date	29 June 2024
Team ID	PNT2022TMIDxxxxxx
Project Name	Project – House Hunt
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.
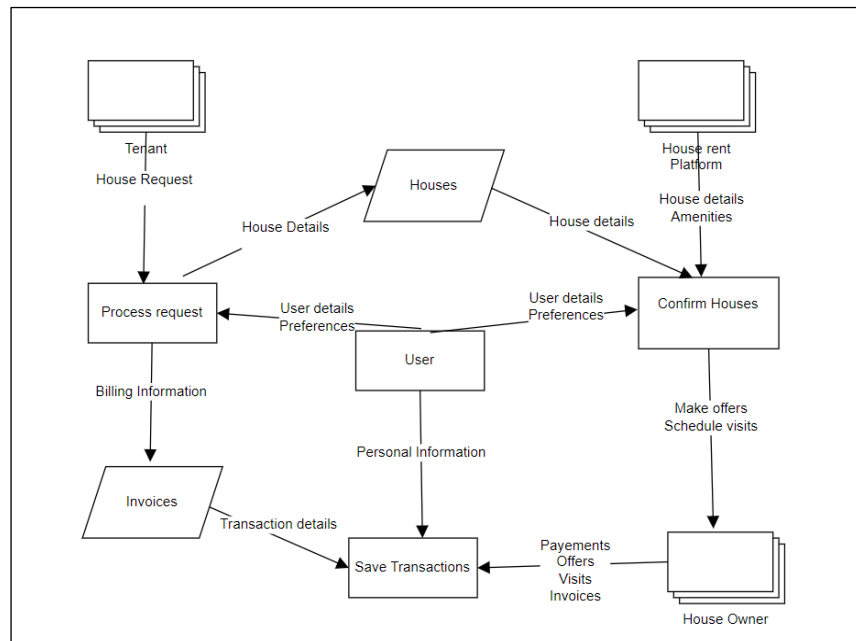
User Stories

DFD Level 0 House rent

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Tenant (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
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	Medium	Sprint – 2
		USN-3	As a user, I can register for the application through LinkedIN	I can register & access the dashboard with LinkedIN Login	Low	Sprint – 3
Tenant (Mobile user)	User Confirmation	USN-4	As a user, I can receive confirmation via email	I can confirm my account by verifying via email	Medium	Sprint-2
		USN-5	As a user, I can register confirmation via OTP.	I can confirm my account by verifying via OTP	High	Sprint-1
T enant and Owner (Mobile user)	Profile Management	USN-6	As a user, I can update my personal information.	I can update my personal information	Low	Sprint – 3
		USN-7	As a user, I can change my password	I can change my passwords	High	Sprint – 1
		USN-8	As a user, I can set preferences for notifications and alerts.	I can decide if I want to receive notifications	Low	Sprint – 3
Tenant (Mobile user)	Browsing and searching	USN-9	As a user, I can perform a basic search, apply filters, and view results on a map.	I can search by applying filters based on the requirements	Medium	Sprint – 2
		USN-10	As a user, I can create favourites and shortlists, and view market trends.	I can shortlist my favourite houses	Medium	Sprint – 2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-11	As a user, I can view nearby amenities.	I can verify and enquire about nearby amenities	Low	Sprint - 3
Tenant and Owner (Mobile user) Admin (Web user)	Communication	USN-12	As a user, I can use messaging and schedule appointments.	I can schedule house visits	High	sprint – 1
		USN-13	As a user, I can share documents and receive transaction updates.	I can manage Invoices and transaction details	Low	Sprint – 3
Owner (Mobile user)	Property Listing	USN-14	As a user, I can upload photos and videos, and add property features and amenities.	I can upload photos of my property	Medium	Sprint – 2
		USN-15	As a user, I can access legal and disclosure information, and negotiate offers.	I can access legal information and negotiate offers	High	Sprint – 1