

# **DATABASE PROJECT** (Summer training)

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## **TOPIC : HOUSE RENTING SYSTEM DATA BASE**

### Introduction :

These days where everything is done through online, it is difficult for a person to search along the streets to rent a house. Over the years this renting process have had a problem in searching for a right house in right location with required features. This process is difficult because :

- In a populated area it takes a lot of time for a tenant to search for a house according to their requirements.
- People cannot be aware whether the house is vacant or not unless the owner advertises about his house.
- Tenants might not have a chance to know the feedback of the house from previous tenants or from the neighbourhood.
- Owners might not be completely aware of tenants and their details before renting it to them.
- There can be manipulation in the rental cost details as there won't be any record of the previous rents and other costs.

### Problem Statement

In this project we designed a database to store the details of owners, tenants, previous tenants, agents and vacant houses information. This makes easy for a tenant to search for house and also makes easy for owners. Agents can act as mediators for tenants and agents.

The primary purpose of this House rental database system is to provide the to-let houses information which is given by the owners to the people who are looking houses for rent. And this data base also contains he information of the previous rent, costs and tenant's details available to the new tenants to avoid manipulation. This data base contains all the information of the new tenants available to the owners to ensure that their house is in right hands. This data base makes easier for tenants to find house according to their requirements.

This data base contains :

- Entities : 6 – **Tenants, Tenant's Details, Agents, Owners, Houses, Previous Tenant's Records**

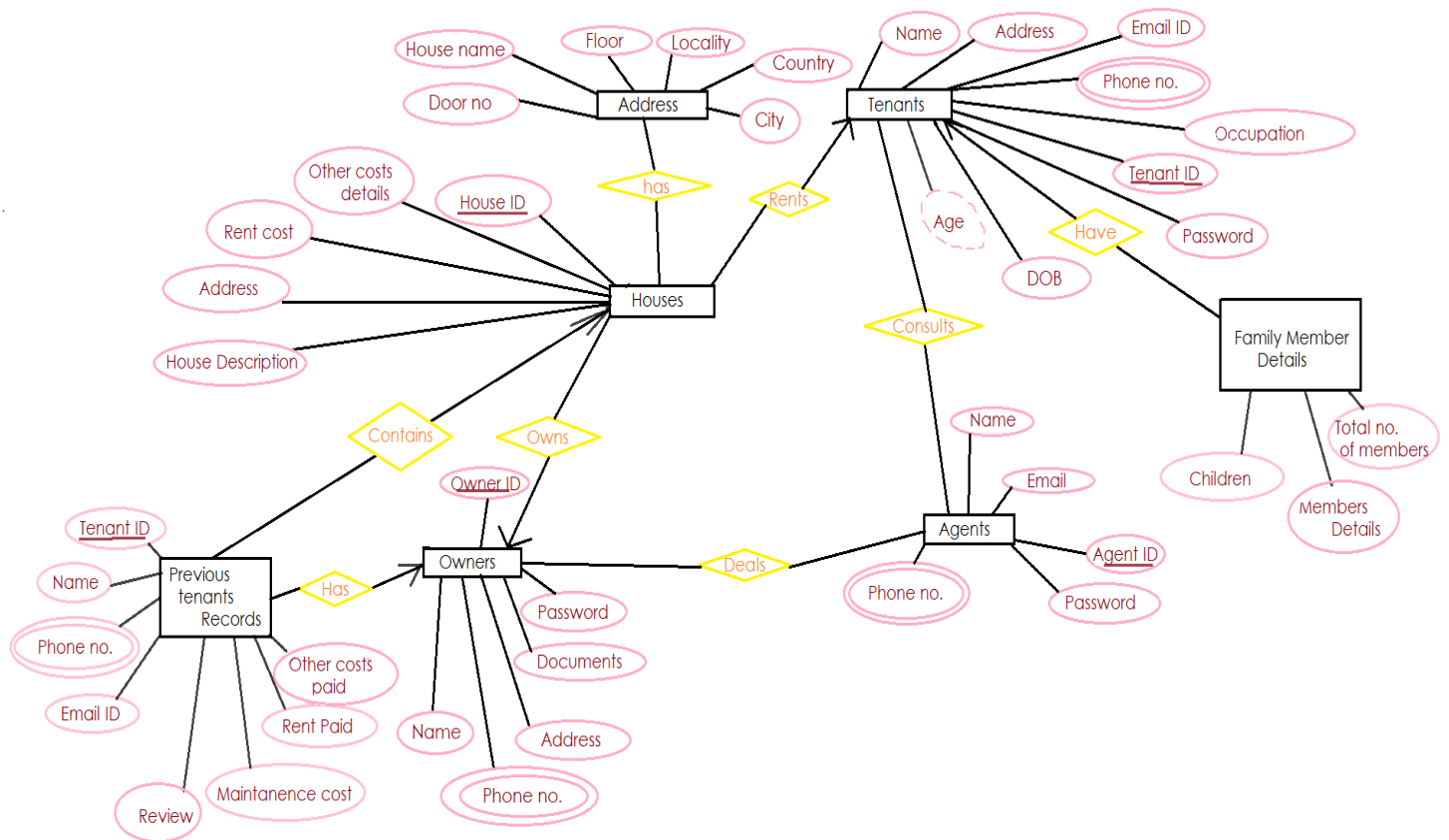
Tables	Attributes
Tenants	Tenant_ID, Name, Password, Email_ID, Phone_no, DOB, Age, Address, Occupation
Tenant's Details	Total_no_members, Member details, Children
Agents	Agent_Id, Name, Email, Password, Phone_no
Owners	Owner_ID, Name, Password, Address, Document_ID
Houses	House_ID, Type_of_house, House_description, Rent_cost, Address, Other_cost_details
Previous Tenant Details	Tenant_ID, Name, Email_ID, Phone_no, Rent_paid, Other_costs_paid, Maintenance_cost, Review

- Attributes for each entity, there are key attributes for every entity
- There are also some multivalued attributes and derived attributes.
- Entities are connected by relationships (one to one, one to many, many to one, many to many).
- There are seven relationships in total.

In this data base the Owners can post the house information directly or they can make deals with agents who help in finding the tenants. So, the tenants also can search for a house directly or they can contact agents for better results according to their comfort. Each house contains it previous tenant's records in order to avoid any conflicts in terms of prices.

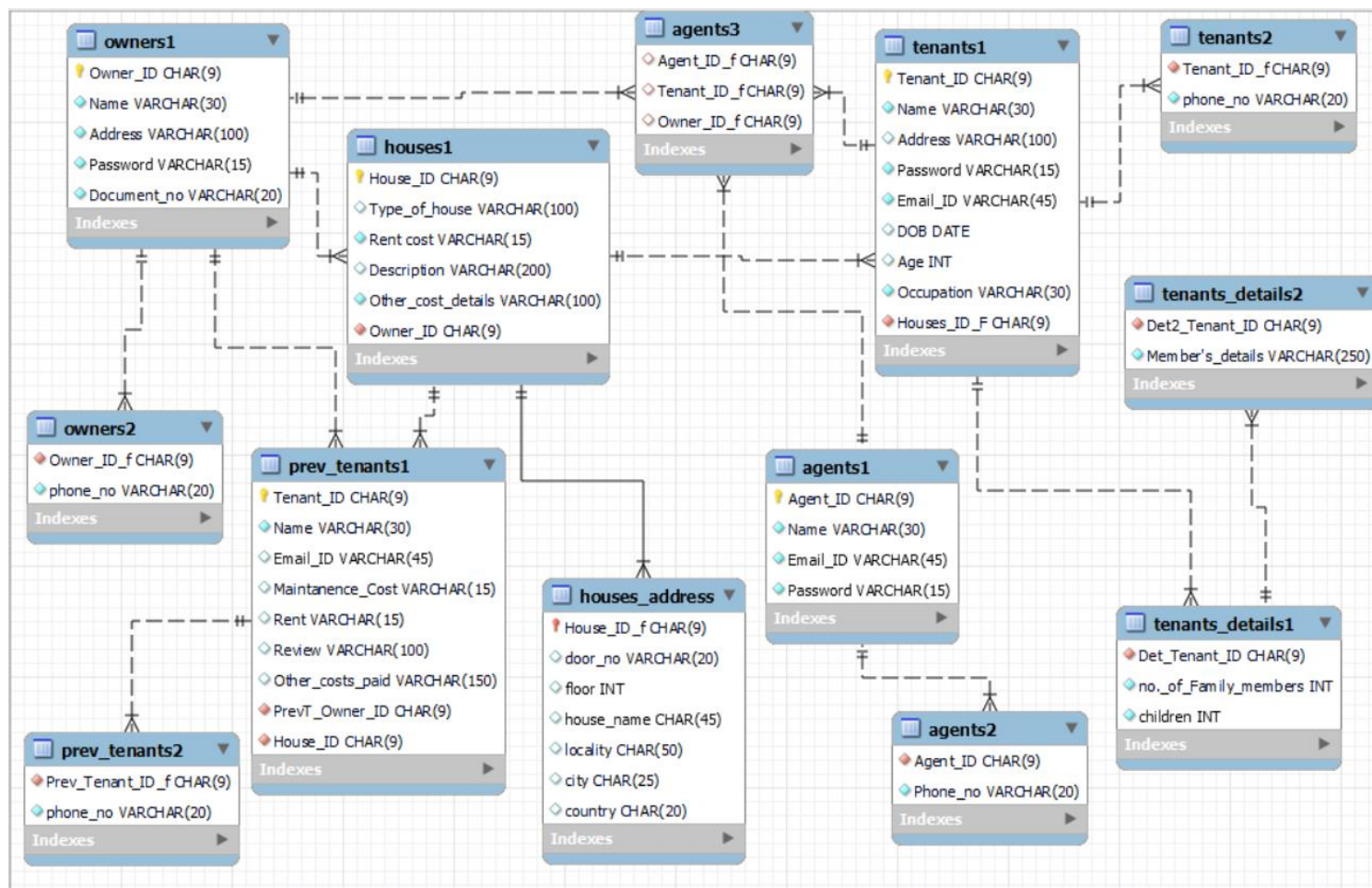
Each tenant, owner and agent have their ID. Any detail about them can be searched with their ID.

The ER model of the House renting system data base is:



This ER model should be converted into Relational model which can be directly implemented by any RDBMS like MySQL, Oracle etc. Relationship model describes how the tables of the entities relate to each other.

The Relationship model for this house rental er diagram is :



## Tables in the Database :

### Tenants1 table:

	Tenant_ID	Name	Address	Password	Email_ID	DOB	Age	Occupation	Houses_ID_F
▶	T21062801	Pragna	Flat no.302,Sangeetha towers,V...	123456	pragna@gmail.com	2002-03-29	19	Student	H21062901
	T21062802	Taylor	Vineyard villa,Texas,USA	135791	Taylor42@gmail.com	1981-09-17	39	Teacher	H21062902
	T21062803	Kim tae ho	Flatno.302,High rise apartment...	tae7838	taeho@gmail.com	1995-12-31	25	Consigliere	H21062903
	T21062804	Thomas	House no.22,Green homes colo...	thomas9	tom91@gmail.com	1991-09-19	29	Manager	H21062904
	T21062805	Svetlana	Ekspo homes,Street no.3,Saint ...	svet2332	svet2332@gmail.com	1986-02-15	35	Curator	H21062905
	T21070201	Mahitha	23-5/13,Modern people colony,...	mahi22	mahi223@gmail.com	1992-11-10	28	Software Engineer	H21062906
	T21070202	Evan	Flat no.210,Yolo Apartments,M...	eevan1	eevan@gmail.com	1995-12-20	25	Youtuber	H21070201
	T21070203	Yuna	12-2/191,Itaewon,South Korea	kimyuna	14yuna@gmail.com	2000-03-14	21	Architect	H21070202
•	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

### Tenants2 table:

	Tenant_ID_f	phone_no
▶	T21062801	+91-8123235252
	T21062801	+91-8122339190
	T21062802	+1-2406596591
	T21062802	+1-2407839251
	T21062803	+82-1025522563
	T21062803	+82-1098243567
	T21062804	+6-1412412342
	T21062805	+7-8123235665
	T21062805	+7-8120095613
	T21070201	+91-812896252
	T21070202	+1-2408622791
	T21070202	+1-240867390
	T21070203	+82-102781539

Tenants\_Details1 table:

	Det_Tenant_ID	no._of_Family_members	children
▶	T21062801	2	0
	T21062802	4	2
	T21062803	1	0
	T21062804	2	0
	T21062805	2	1
	T21070201	2	1
	T21070202	1	0
	T21070203	0	0

Tenants\_Details2 table:

	Det2_Tenant_ID	Member's_details
▶	T21062801	Sister(F,17,Student),Friend(F,19,Student)
	T21062802	Wife(F,35,House wife),children-2(M 16&F 12,Students)
	T21062803	Girlfriend(F,23,beautician)
	T21062804	Wife(F,30,Engineer),Sister(F,26,Teacher)
	T21062805	Husband(M,36,Manager),Daughter(F,11,Student)
	T21070201	Husband(M,29,Manager),Son(M,2)
	T21070202	Girlfriend(F,27,Artist)
	T21070203	nil

Agents1 table:



	Agent_ID	Name	Email_ID	Password
▶	A21062901	Siddarth	siddu@gmail.com	sidd01
	A21062902	Justin	justin44@gmail.com	justin@4
	A21062903	Hana	hanaa@gmail.com	23hanaa
	A21062904	Ivan	ivan23@gmail.com	ivan23
	A21070201	Lara	laraa88@gmail.com	lara881
	A21070202	Hemanth	09hemanthh@gmail.com	hems0912
*	NULL	NULL	NULL	NULL

Agents2 table:

	Agent_ID	Phone_no
▶	A21062901	+91-9413235552
	A21062902	+1-2406849226
	A21062903	+82-1097395480
	A21062904	+7-8120745765
	A21070201	+6141922758
	A21070202	+91-7913120649
	A21062903	+82-1097728431
	A21070202	+91-6539392103
	A21062904	+7-8123699202

Agents3 table:

	Agent_ID_f	Tenant_ID_f	Owner_ID_f
▶	A21062901	T21062801	O21070202
	A21062901	T21062805	NULL
	A21062902	T21062802	O21062901
	A21062902	NULL	O21062904
	A21062903	T21062803	O21062902
	A21062904	T21062804	O21070201
	A21062904	T21062805	NULL
	A21070201	T21070203	O21062905
	A21070202	NULL	O21062903
	A21070202	T21070202	O21070203
	A21062901	T21062801	O21070202
	A21062901	T21062801	O21070202

Owners1 table:

	Owner_ID	Name	Address	Password	Document_no
▶	O21062901	Hitesh mehta	Green hills,Madhapur,Hyderbad,India	hitechy99	D23405
	O21062902	Charlie Gray	Sunset villa,Hollywood,LA,USA	charlieg05	D13663
	O21062903	Lee Min Hoo	Del luna Apartment,Seoul,South Korea	minhoo33	D23405
	O21062904	William	Flat no103,Personal Taste Apartment,Sydney,Australia	will121	D77881
	O21062905	Jayanth	Three bears,Road no3,Navi Mumbai,India	jays@1991	D55284
	O21062906	Karina	Good times,Road no19,Basmanny streets,Moscow,Russia	carina231	D52456
	O21070201	Charlotte	88-4/37,Highhett streets,Melbourne,Australia	charl1987	D23643
	O21070202	Jimin	Flat no.21,Mom's care Apartment,Sinchon Streets,South korea	jimin25	D89731
	O21070203	Ellen	Valley view Villa,Meetup streets,Chicago,USA	elleyo	D12456
*	NULL	NULL	NULL	NULL	NULL

Owners2 table:

	Owner_ID_f	phone_no
▶	O21062901	+91-9491274920
	O21062901	+91-7882481930
	O21062902	+1-2408249251
	O21062902	+1-2406392746
	O21062903	+82-1097413592
	O21062904	+61419183429
	O21062905	+91-7200294021
	O21062905	+91-8220468246
	O21062906	+7-81209163002
	O21070201	+91-7435875831
	O21070202	+82-1033417613
	O21070202	+82-1044133592
	O21070203	+1-2408232572

Houses1 table:

	House_ID	Type_of_house	Rent cost	Description	Other_cost_details	Owner_ID
▶	H21062901	3BHK, Individual house	42000/-	This is located in outskirts ...	Advance:830\$,Garden costs:15...	O21062901
	H21062902	Villa	2250\$	This villa contains 10+ roo...	Advance:1620\$,Community co...	O21062902
	H21062903	2BHK flat in Apartment	1400\$	This flat has most beutiful ...	Advance:980\$,Community cost...	O21062903
	H21062904	1BHK Individual house	1900\$	This has bigger rooms wit...	Advance:1270\$,Furniture costs...	O21062904
	H21062905	More than 3BHK Indi...	108000/-	This has 9 rooms in which ...	Advance:26500/-	O21062905
	H21062906	Villa	1120\$	This villa contains 10 room...	Advance:850\$,Garden costs:15...	O21062906
	H21070201	3BHK Group house	1090\$	This house in located in a ...	Advance:950\$,Furniture:1000\$	O21070201
	H21070202	2BHK flat in apartment	980\$	This flat have a nice interio...	Advance:860\$,Interiors:780\$	O21070202
	H21070203	Villa	2100\$	This villa has beautiful inte...	Advance:1800\$,Interiors:1150\$	O21070203
*	NULL	NULL	NULL	NULL	NULL	NULL

Houses\_address table:

	House_ID_f	door_no	floor	house_name	locality	city	country
▶	H21062901	132-4/22	NULL	Down Medows	Whitefield	Bangalore	India
	H21062902	NULL	NULL	Sunrise villa	Hollywood	LA	USA
	H21062903	Flatno.519	3	Del luna Apartment	NULL	Seoul	South Korea
	H21062904	21-22/921	NULL	NULL	Bees Colony	Sydney	Australia
	H21062905	Flat no.221	NULL	NULL	Highrise Colony	Navi Mumbai	India
	H21062906	NULL	NULL	Good times villa	Basmanny streets	Moscow	Russia
	H21070201	88-4/37	NULL	NULL	Highhett streets	Melbourne	Australia
	H21070202	Flat no.21	5	Moms care Apartment	Sinchon Streets	Daegu	South korea
	H21070203	NULL	NULL	Valley view Villa	Meetup streets	Chicago	USA
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

## Prev\_Tenants1 table:

	Tenant_ID	Name	Email_ID	Maintaner	Rent	Review	Other_costs_paid	PrevT_Owner_ID	House_ID
▶	T21062901	Harish	harish@gmail.com	9000/-	40000/-	This is peaceful plac...	Advance:15000/-,Garden c...	O21062901	H21062901
	T21062902	Kristen	kristen@gmail.com	500\$	2100\$	This is a perfect plac...	Advance:1600\$,Communit...	O21062902	H21062902
	T21062903	Park ...	bogum8@gmail.com	250\$	1300\$	This place is soo go...	Advance:970\$,nil	O21062903	H21062903
	T21062904	Diana	ddianaa@gmail.com	370\$	1750\$	As this house is in ...	Advance:1200\$,Furniture c...	O21062904	H21062904
	T21062905	Ahana	ahanaa@gmail.com	12000/-	100000/-	The house is perfect...	Advance:26000/-	O21062905	H21062905
	T21062906	Maxim	maximxx@gmail.c...	200\$	1050\$	This place is soo co...	Advance:830\$,Garden cost...	O21062906	H21062906
	T21070301	Meghan	meghan32@gmail....	370\$	980\$	This is a good place...	Advance:950\$,Furniture:9...	O21070201	H21070201
	T21070302	Jiyoo	Jiyoo@gmail.com	320\$	900\$	Nice place and comf...	Advance:820\$,Interiors:77...	O21070202	H21070202
	T21070303	Ellen	1998ellen@gmail....	1100\$	1800\$	This is beautiful plac...	Advance:1470\$,Interiors:9...	O21070203	H21070203
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

## Prev\_Tenants2

	Prev_Tenant_ID_f	phone_no
▶	T21062901	+91-9441077881
	T21062902	+1-2406392888
	T21062902	+1-2407752755
	T21062903	+82-1094233562
	T21062903	+82-1087232587
	T21062904	+61419155279
	T21062905	+91-7727465567
	T21062906	+7-81226227846
	T21070301	+61419235245
	T21070301	+61419289050
	T21070302	+82-109422619
	T21070303	+1-2406791208
	T21070303	+1-2403592009

## SQL Code :

### 1.) Table creation

```
create table tenants1(
```

```
Tenant_ID char(9),
```

```
    Name varchar(30),
```



```

    address varchar(100),
    password varchar(15),
    Email_ID varchar(45),
    DOB date,
    Age int,
    Occupation varchar(30),
    primary key(Tenant_ID)
);

create table tenants2(
Tenant_ID_f char(9),
    phone_no varchar(20),
    foreign key(Tenant_ID_f) references tenants1(Tenant_ID)
);

create table tenants_details1(
Det_Tenant_ID char(9),
    no_of_Family_members int,
    children int,
    foreign key(Det_Tenant_ID) references tenants1(Tenant_ID)
);

create table tenants_details2(
Det2_Tenant_ID char(9),
    Members_details varchar(250),
    foreign key(Det2_Tenant_ID) references tenants1(Tenant_ID)
);

create table owners1(
Owner_ID char(9),
    Name varchar(30),
    Address varchar(100),
    Password varchar(15),
    Document_no varchar(20),

```

```

    primary key(Owner_ID)
);
create table owners2(
Owner_ID_f char(9),
    ohone_no varchar(20),
    foreign key(Owner_ID_f) references owners1(Owner_ID)
);
create table houses1(
House_ID char(9),
    Type_of_house varchar(100),
    Rent_cost varchar(15),
    Description varchar(200),
    Other_cost_details varchar(100),
    Owener_ID char(9),
    primary key(House_ID),
    foreign key(Owner_ID) references owners1(Owner_ID)
);
create table houses_address(
House_ID_f char(9),
    door_no varchar(20),
    floor int,
    house_name char(45),
    locality char(50),
    city char(25),
    country char(20),
    primary key(House_ID_f),
    foreign key(House_ID_f) references houses1(House_ID)
);
create table prev_tenants1(
Tenant_ID char(9),

```

```

Name varchar(30),
Email_ID varchar(45),
Maintenance_Cost varchar(15),
Rent varchar(15),
Review varchar(100),
Other_costs_paid varchar(150),
PrevT_Owner_ID char(9),
House_ID char(9),
primary key(Tenant_ID),
foreign key(PrevT_Owner_ID) references owners1(Owner_ID),
foreign key(House_ID) references houses1(House_ID)
);

create table prev_tenants2(
Prev_Tenant_ID_f char(9),
phone_no varchar(20),
foreign key(Prev_Tenant_ID_f) references prev_tenants1(Tenant_ID)
);

create table agents1(
Agent_ID char(9),
Name varchar(30),
Email_ID varchar(45),
Password varchar(15),
primary key(Agent_ID)
);

create table agents2(
Agent_ID char(9),
phone_no varchar(20),
foreign key(Agent_ID) references agents1(Agent_ID)
);

create table agents3(

```

```

Agent_ID_f CHAR(9),
Tenant_ID_f CHAR(9),
Owner_ID_f CHAR(9),
foreign key(Agent_ID_f) references agents1(Agent_ID),
foreign key(Tenant_ID_f) references tenants1(Tenant_ID),
foreign key(Owner_ID_f) references owners1(Owner_ID)
);

```

## 2.) Insertion of values

```

insert into tenants1 values('T21062801', 'Pragna', 'Flat no.302,Sangeetha towers,
Vijayawada, India', '123456', 'pragna@gmail.com', '2002-03-29','19', 'Student',
'H21062901');

```

```

insert into tenants1 values('T21062802', 'Taylor', 'Vineyard villa, Texas, USA', '135791',
'Taylor42@gmail.com', '1981-09-17', '39', 'Teacher', 'H21062902');

```

```

insert into tenants1 values('T21062803', 'Kim tae ho', 'Flatno.302,High rise apartments,
Gangnam, South Korea', 'tae7838', 'taeho@gmail.com', '1995-12-31', '25', 'Consigliere',
'H21062903');

```

```

insert into tenants1 values('T21062804', 'Thomas', 'House no.22,Green homes colony,
Sydney, Australia', 'thomas9', 'tom91@gmail.com', '1991-09-19', '29', 'Manager',
'H21062904');

```

```

insert into tenants1 values('T21062805', 'Svetlana', 'Ekspo homes, Street no.3,Saint
Petersburg, Russia', 'svet2332', 'svet2332@gmail.com', '1986-02-15', '35', 'Curator',
'H21062905');

```

```

insert into tenants1 values('T21070201', 'Mahitha', '23-5/13,Modern people colony, Patna,
India', 'mahi22', 'mahi223@gmail.com', '1992-11-10', '28', 'Software Engineer', 'H21062906');

```

```

insert into tenants1 values('T21070202', 'Evan', 'Flat no.210,Yolo Apartments, Maryland,
USA', 'eevan1', 'eevan@gmail.com', '1995-12-20', '25', 'Youtuber', 'H21070201');

```

```

insert into tenants1 values('T21070203', 'Yuna', '12-2/191,Itaewon,South Korea', 'kimyuna',
'14yuna@gmail.com', '2000-03-14', '21', 'Architect', 'H21070202');

```

```

insert into tenants2 values('T21062801', '+91-8123235252');

```

```

insert into tenants2 values('T21062801', '+91-8122339190');

```

```

insert into tenants2 values('T21062802', '+1-2406596591');

```



```
insert into tenants2 values('T21062802', '+1-2407839251');
insert into tenants2 values('T21062803', '+82-1025522563');
insert into tenants2 values('T21062803', '+82-1098243567');
insert into tenants2 values('T21062804', '+6-1412412342');
insert into tenants2 values('T21062805', '+7-8123235665');
insert into tenants2 values('T21062805', '+7-8120095613');
insert into tenants2 values('T21070201', '+91-812896252');
insert into tenants2 values('T21070202', '+1-2408622791');
insert into tenants2 values('T21070202', '+1-240867390');
insert into tenants2 values('T21070203', '+82-102781539');
```

```
insert into tenants_details1 values('T21062801', '2', '0');
insert into tenants_details1 values('T21062802', '4', '2');
insert into tenants_details1 values('T21062803', '1', '0');
insert into tenants_details1 values('T21062804', '2', '0');
insert into tenants_details1 values('T21062805', '2', '1');
insert into tenants_details1 values('T21070201', '2', '1');
insert into tenants_details1 values('T21070202', '1', '0');
insert into tenants_details1 values('T21070203', '0', '0');
```

```
insert into tenants_details2 values('T21062801', 'Sister(F,17,Student),Friend(F,19,Student)');
insert into tenants_details2 values('T21062802', 'Wife(F,35,House wife),children-2(M 16&F 12,Students)');
insert into tenants_details2 values('T21062803', 'Girlfriend(F,23,beautician)');
insert into tenants_details2 values('T21062804', 'Wife(F,30,Engineer),Sister(F,26,Teacher)');
insert into tenants_details2 values('T21062805',
'Husband(M,36,Manager),Daughter(F,11,Student)');
insert into tenants_details2 values('T21070201', 'Husband(M,29,Manager),Son(M,2)');
insert into tenants_details2 values('T21070202', 'Girlfriend(F,27,Artist)');
insert into tenants_details2 values('T21070203', 'nil');
```

insert into owners1 values('O21062901', 'Hitesh mehta', 'Green hills, Madhapur, Hyderabad, India', 'hitechy99', 'D23405');

insert into owners1 values('O21062902', 'Charlie Gray', 'Sunset villa, Hollywood, LA, USA', 'charlieg05', 'D13663');

insert into owners1 values('O21062903', 'Lee Min Hoo', 'Del luna Apartment, Seoul, South Korea', 'minhoo33', 'D23405');

insert into owners1 values('O21062904', 'William', 'Flat no103,Personal Taste Apartment, Sydney, Australia', 'will121', 'D77881');

insert into owners1 values('O21062905', 'Jayanth', 'Three bears, Road no3,Navi Mumbai, India', 'jays@1991', 'D55284');

insert into owners1 values('O21062906', 'Karina', 'Good times, Road no19,Basmanny streets, Moscow, Russia', 'carina231', 'D52456');

insert into owners1 values('O21070201', 'Charlotte', '88-4/37,Highhett streets, Melbourne, Australia', 'charl1987', 'D23643');

insert into owners1 values('O21070202', 'Jimin', 'Flat no.21,Mom\'s care Apartment, Sinchon Streets, South Korea', 'jimin25', 'D89731');

insert into owners1 values('O21070203', 'Ellen', 'Valley view Villa, Meetup streets, Chicago, USA', 'elleyo', 'D12456');

insert into owners2 values('O21062901', '+91-9491274920');

insert into owners2 values('O21062901', '+91-7882481930');

insert into owners2 values('O21062902', '+1-2408249251');

insert into owners2 values('O21062902', '+1-2406392746');

insert into owners2 values('O21062903', '+82-1097413592');

insert into owners2 values('O21062904', '+61419183429');

insert into owners2 values('O21062905', '+91-7200294021');

insert into owners2 values('O21062905', '+91-8220468246');

insert into owners2 values('O21062906', '+7-81209163002');

insert into owners2 values('O21070201', '+91-7435875831');

insert into owners2 values('O21070202', '+82-1033417613');

insert into owners2 values('O21070202', '+82-1044133592');

insert into owners2 values('O21070203', '+1-2408232572');

insert into houses1 values('H21062901', '3BHK, Individual house', '42000/-', 'This is located in outskirts of Whitefield. This house has a garden and a outdoor swimming pool.', 'Advance:830\$,Garden costs:150\$', 'O21062901');

insert into houses1 values('H21062902', 'Villa ', '2250\$', 'This villa contains 10+ rooms, a swimming pool and balconies with beautiful views', 'Advance:1620\$,Community costs:200\$', 'O21062902');

insert into houses1 values('H21062903', '2BHK flat in Apartment', '1400\$', 'This flat has most beautiful view from balcony and contains best furniture', 'Advance:980\$,Community costs:120\$', 'O21062903');

insert into houses1 values('H21062904', '1BHK Individual house', '1900\$', 'This has bigger rooms with best furniture and located in the middle of city', 'Advance:1270\$,Furniture costs:900\$', 'O21062904');

insert into houses1 values('H21062905', 'More than 3BHK Individual house', '108000/-', 'This has 9 rooms in which there are 4 bedrooms and a swimming pool. This is located in the middle of city', 'Advance:26500/-', 'O21062905');

insert into houses1 values('H21062906', 'Villa', '1120\$', 'This villa contains 10 rooms, a outdoor swimming pool and a outdoor garden', 'Advance:850\$,Garden costs:150\$', 'O21062906');

insert into houses1 values('H21070201', '3BHK Group house', '1090\$', 'This house in located in a group house colony with excellent furniture and high class recourses', 'Advance:950\$,Furniture:1000\$', 'O21070201');

insert into houses1 values('H21070202', '2BHK flat in apartment', '980\$', 'This flat have a nice interior with beautiful balconies', 'Advance:860\$,Interiors:780\$', 'O21070202');

insert into houses1 values('H21070203', 'Villa', '2100\$', 'This villa has beautiful interior with a outdoor swimming pool', 'Advance:1800\$,Interiors:1150\$', 'O21070203');

insert into houses\_address values('H21062901', '132-4/22', NULL, 'Dowm Medows', 'Whitefield', 'Bangalore', 'India');

insert into houses\_address values('H21062902', NULL, NULL, 'Sunrise villa', 'Hollywood', 'LA', 'USA');

insert into houses\_address values('H21062903', 'Flatno.519', '3', 'Del luna Apartment', NULL, 'Seoul', 'South Korea');

insert into houses\_address values('H21062904', '21-22/921', NULL, NULL, 'Bees Colony', 'Sydney', 'Australia');

insert into houses\_address values('H21062905', 'Flat no.221', NULL, NULL, 'Highrise Colony', 'Navi Mumbai', 'India');

insert into houses\_address values('H21062906', NULL, NULL, 'Good times villa', 'Basmanny streets', 'Moscow', 'Russia');

```
insert into houses_address values('H21070201', '88-4/37', NULL, NULL, 'Highhett streets', 'Melbourne', 'Australia');
```

```
insert into houses_address values('H21070202', 'Flat no.21', '5', 'Moms care Apartment', 'Sinchon Streets', 'Daegu', 'South Korea');
```

```
insert into houses_address values('H21070203', NULL, NULL, 'Valley view Villa', 'Meetup streets', 'Chicago', 'USA');
```

```
insert into prev_tenants1 values('T21062901', 'Harish', 'harish@gmail.com', '9000/-', '40000/-', 'This is peaceful place to live. Only problem is it is a little far away from subway terminal', 'Advance:15000/-,Garden costs:3000/-', 'O21062901', 'H21062901');
```

```
insert into prev_tenants1 values('T21062902', 'Kristen', 'kristen@gmail.com', '500$', '2100$', 'This is a perfect place for every working household', 'Advance:1600$,Community costs:200$', 'O21062902', 'H21062902');
```

```
insert into prev_tenants1 values('T21062903', 'Park Bo gum', 'bogum8@gmail.com', '250$', '1300$', 'This place is soo good. It is simple and perfect place for newly weds', 'Advance:970$,nil', 'O21062903', 'H21062903');
```

```
insert into prev_tenants1 values('T21062904', 'Diana', 'ddianaa@gmail.com', '370$', '1750$', 'As this house is in middle of city we need not worry about transportation, only problem is pollution', 'Advance:1200$,Furniture costs:900$', 'O21062904', 'H21062904');
```

```
insert into prev_tenants1 values('T21062905', 'Ahana', 'ahanaa@gmail.com', '12000/-', '100000/-', 'The house is perfect for bachelors and students', 'Advance:26000/-', 'O21062905', 'H21062905');
```

```
insert into prev_tenants1 values('T21062906', 'Maxim', 'maximxx@gmail.com', '200$', '1050$', 'This place is soo cool. There are many places to go and hangout near by', 'Advance:830$,Garden costs:150$', 'O21062906', 'H21062906');
```

```
insert into prev_tenants1 values('T21070301', 'Meghan', 'meghan32@gmail.com', '370$', '980$', 'This is a good place only thing is locality is very dangerous', 'Advance:950$,Furniture:970$', 'O21070201', 'H21070201');
```

```
insert into prev_tenants1 values('T21070302', 'Jiyoo', 'Jiyoo@gmail.com', '320$', '900$', 'Nice place and comfortable for college students', 'Advance:820$,Interiors:770$', 'O21070202', 'H21070202');
```

```
insert into prev_tenants1 values('T21070303', 'Ellen', '1998ellen@gmail.com', '1100$', '1800$', 'This is beautiful place for family to live with nice interiors', 'Advance:1470$,Interiors:910$', 'O21070203', 'H21070203');
```

```
insert into prev_tenants2 values('T21062901', '+91-9441077881');
```

```
insert into prev_tenants2 values('T21062902', '+1-2406392888');
```

```
insert into prev_tenants2 values('T21062902', '+1-2407752755');
```



```
insert into prev_tenants2 values('T21062903', '+82-1094233562');
insert into prev_tenants2 values('T21062903', '+82-1087232587');
insert into prev_tenants2 values('T21062904', '+61419155279');
insert into prev_tenants2 values('T21062905', '+91-7727465567');
insert into prev_tenants2 values('T21062906', '+7-81226227846');
insert into prev_tenants2 values('T21070301', '+61419235245');
insert into prev_tenants2 values('T21070301', '+61419289050');
insert into prev_tenants2 values('T21070302', '+82-109422619');
insert into prev_tenants2 values('T21070303', '+1-2406791208');
insert into prev_tenants2 values('T21070303', '+1-2403592009');
```

```
insert into agents1 values('A21062901', 'Siddarth', 'siddu@gmail.com', 'sidd01');
insert into agents1 values('A21062902', 'Justin', 'justin44@gmail.com', 'justin@4');
insert into agents1 values('A21062903', 'Hana', 'hanaa@gmail.com', '23hanaa');
insert into agents1 values('A21062904', 'Ivan', 'ivan23@gmail.com', 'ivan23');
insert into agents1 values('A21070201', 'Lara', 'laraa88@gmail.com', 'lara881');
insert into agents1 values('A21070202', 'Hemanth', '09hemanthh@gmail.com', 'hems0912');
```

```
insert into agents2 values('A21062901', '+91-9413235552');
insert into agents2 values('A21062902', '+1-2406849226');
insert into agents2 values('A21062903', '+82-1097395480');
insert into agents2 values('A21062904', '+7-8120745765');
insert into agents2 values('A21070201', '+6141922758');
insert into agents2 values('A21070202', '+91-7913120649');
insert into agents2 values('A21062903', '+82-1097728431');
insert into agents2 values('A21070202', '+91-6539392103');
insert into agents2 values('A21062904', '+7-8123699202');
```

```
insert into agents3 values('A21062901', 'T21062801', 'O21070202');
insert into agents3 values('A21062901', 'T21062805', NULL);
```

```
insert into agents3 values('A21062902', 'T21062802', 'O21062901');
insert into agents3 values('A21062902', NULL, 'O21062904');
insert into agents3 values('A21062903', 'T21062803', 'O21062902');
insert into agents3 values('A21062904', 'T21062804', 'O21070201');
insert into agents3 values('A21062904', 'T21062805', NULL);
insert into agents3 values('A21070201', 'T21070203', 'O21062905');
insert into agents3 values('A21070202', NULL, 'O21062903');
insert into agents3 values('A21070202', 'T21070202', 'O21070203');
insert into agents3 values('A21062901', 'T21062801', 'O21070202');
insert into agents3 values('A21062901', 'T21062801', 'O21070202');
```