DB – Creation

CREATE DATABASE projectdb;

CREATE TABLE roles(

role\_id smallint PRIMARY KEY NOT NULL,

role\_name varchar(20) NOT NULL

);

INSERT INTO roles VALUES

(1,'client'),

(2, 'admin'),

(3,'owner');

CREATE TABLE users (

user\_id integer PRIMARY KEY NOT NULL,

first\_name varchar(20) NOT NULL,

last\_name varchar(20) NOT NULL,

email varchar(40) NOT NULL UNIQUE,

username varchar(25) NOT NULL UNIQUE,

pass varchar(50) NOT NULL,

role\_id integer references roles (role\_id),

is\_active boolean NOT NULL

);

INSERT INTO users VALUES

(1,'Artur','Molla','mollaartur13@gmail.com','ictturi','1111',2,true),

(2,'Armonel','Molla','mollaarmo@gmail.com','ictarmo','2222',1, true),

(3,'Owner','Owner','owner@gmail.com','owneruser','3333',3, true);

CREATE TABLE locations (

location\_id integer PRIMARY KEY NOT NULL,

city\_name varchar(20) NOT NULL,

street\_name varchar(20) NOT NULL,

zip\_code int NOT NULL,

description varchar(50) NOT NULL

);

INSERT INTO locations VALUES

(1,'Tirana','ST.Muhamed Gjollesha',1002,'Perballe Hotel Mondial'),

(2,'Tirana','ST.Muhamed Gjollesha',1002,'Ngjitur me Rajonin'),

(3,'Durres','ST.Plepave',2001,'Mbi Hotel Villa Mare');

CREATE TABLE property\_info (

property\_info \_id integer PRIMARY KEY NOT NULL,

has\_garage boolean NOT NULL,

has\_elevator boolean NOT NULL,

has\_pool boolean NOT NULL,

floor\_number SMALLINT NOT NULL,

nr\_bathrooms SMALLINT NOT NULL,

nr\_bedrooms SMALLINT NOT NULL,

property\_area integer

);

INSERT INTO property\_info VALUES

(1,true,false,false,2,2,3,95),

(2,false,false,true,0,3,4,120),

(3,true,true,false,7,2,3,100),

(4,true,false,false,-1,2,3,98),

(5,true,false,true,1,2,4,200),

(6,true,false,false,3,2,3,95);

CREATE TABLE properties (

properties\_id integer PRIMARY KEY NOT NULL,

owner\_id integer references users (user\_id),

description Varchar(50),

renting\_price integer,

selling\_price integer,

category Varchar(25),

property\_location integer references locations (location\_id),

property\_info\_id integer references property\_info (property\_info\_id) NOT NULL

);

INSERT INTO properties VALUES

(1,3, '4 person family, cozy and warm house',300,null, 'Residential',1,3),

(2,3, 'very spacey and plenty of light',400,65000, 'Commercial',2,5),

(3,3, 'For stundets only',200,null, 'Residential',3,6);

CREATE TABLE rented (

rent\_id integer PRIMARY KEY NOT NULL,

user\_id integer references users (user\_id) NOT NULL,

property\_id integer references properties (properties\_id) NOT NULL,

rented\_date timestamp without time zone NOT NULL,

left\_date timestamp without time zone

);

INSERT INTO rented VALUES

(1,2,3,'2021-05-13 10:30:55.656','2021-07-13 10:30:55.656'),

(2,2,1,'2021-07-15 10:30:55.656', null);

CREATE TABLE bought (

bought\_id integer PRIMARY KEY NOT NULL,

user\_id integer references users (user\_id) NOT NULL,

property\_id integer references properties (properties\_id) NOT NULL,

bought\_date timestamp without time zone NOT NULL,

payment\_type Varchar(20) NOT NULL

);

INSERT INTO bought VALUES

(1 ,2,2,'2020-07-15 10:30:55.656', 'Cash');

CREATE TABLE issues (

issue\_id integer PRIMARY KEY NOT NULL,

category Varchar(20),

resolution\_status Varchar(30) NOT NULL,

description Varchar(50) NOT NULL,

created\_date timestamp without time zone NOT NULL,

user\_id integer references users (user\_id) NOT NULL,

property\_id integer references properties (properties\_id) NOT NULL

);

INSERT INTO issues VALUES

(1 , 'Electricity', 'Unchecked','The heat is not working properly', '2020-06-15 10:30:55.656', 2,1);