CREATE TABLE booking

(

bookingid NUMBER (15) NOT NULL ,

userid NUMBER (15) NOT NULL ,

roomid NUMBER (15) NOT NULL ,

checkin TIMESTAMP NOT NULL ,

checkout TIMESTAMP NOT NULL ,

details VARCHAR2 (200 BYTE) NOT NULL

) ;

ALTER TABLE booking ADD CONSTRAINT booking\_PK PRIMARY KEY ( bookingid ) ;

CREATE TABLE room

(

roomid NUMBER (15) NOT NULL ,

roomno NUMBER (15) NOT NULL ,

floorno NUMBER (5) NOT NULL ,

room\_type VARCHAR2 (50 BYTE) NOT NULL ,

price FLOAT (15) NOT NULL ,

bathroom CHAR (50) NOT NULL ,

room\_available CHAR NOT NULL ,

notes VARCHAR2 (200 BYTE) NOT NULL

) ;

ALTER TABLE room ADD CONSTRAINT room\_PK PRIMARY KEY ( roomid ) ;

ALTER TABLE room add Constraint room\_bathroom\_ck CHECK (bathroom ='Y' OR bathroom ='N');

ALTER TABLE room add Constraint room\_availabe\_ck CHECK (room\_available='Y' OR room\_available='N');

CREATE TABLE proj\_user

(

userid NUMBER (15) NOT NULL ,

email VARCHAR2 (50 BYTE) NOT NULL ,

password VARCHAR2 (50 BYTE) NOT NULL ,

type VARCHAR2(50 BYTE) NOT NULL ,

phonenumber VARCHAR2 (15 BYTE) NOT NULL ,

fname VARCHAR2 (20 BYTE) NOT NULL ,

lname VARCHAR2 (20 BYTE) NOT NULL

) ;

ALTER TABLE proj\_user ADD CONSTRAINT proj\_user\_PK PRIMARY KEY ( userid ) ;

ALTER TABLE booking ADD CONSTRAINT booking\_room\_FK FOREIGN KEY ( roomid ) REFERENCES room ( roomid ) ;

ALTER TABLE booking ADD CONSTRAINT booking\_user\_FK FOREIGN KEY ( userid ) REFERENCES proj\_user ( userid ) ;

INSERT INTO room values (1,305,3,'Single King Bed',200,'Y','Y','This price is availabe in this week.');

INSERT INTO room values (2,105,1,'Single King Bed',155,'N','Y','Only this week');

INSERT INTO room values (3,407,1,'Double Queen Bed',255,'Y','Y','Only this week');

INSERT INTO room values (4,707,1,'Double Queen Bed',225,'N','N','Only this week');

INSERT INTO room values (10,1007,1,'Double Queen Bed',355,'Y','Y','Only this week');

select \* from proj\_user;

insert into proj\_user values (1,'admin@gmail.com','admin','admin','(647)977-8844','Hani','mi');

insert into proj\_user values (2,'hani@gmail.com','hani','member','(647)977-7744','Hanieh','mi');

insert into proj\_user values (3,'michael@gmail.com','michael','member','(647)977-6667','Michael','m');

insert into proj\_user values (4,'yalcin@gmail.com','yalcin','member','(647)977-3567','Yalcin','y');

commit;