User:

Tasks:

1. Insert user information/ register in **user\_info** table:

Sql query = “insert into user\_info values('rahim','Rahim Khan','khanpass', 'B/47, Bashabo' , 'Dhaka', 'Bangladesh', '8009000', 'rahim@hotmail.com' )”

1. Update user\_info:

Sql query = “update user\_info set address=’47/A Lalhat’, city=’Rangpur’ where uname=’rahim’ “

1. Reserve ticket(s):

If reserving first class ticket for flight sq041 and date 08-DEC-09

Sql query = “update flight set first\_av=first\_av-1 where flight\_id=’sq041 ‘ and flight\_date=’08-DEC-09’ “

Insert in **user\_purchase** table

Sql query = “insert into user\_purchase values( ‘sq041’, ‘1014’, ’08-DEC-09’ );

1. Cancel flight Reservation :

If user wishes to cancel his ticket of flight sq041 and date 08-DEC-09 having pur\_id=3 then

Sql query = “delete form user\_purchase where pur\_id=3 ”

Sql query = “delete form booked\_by where pur\_id=3 ”

Search:

Tasks:

1. With transit: if from Dhaka to Tehran

Sql query = "select flight\_id, time, flight\_date, fare from flight where source=’Dhaka’ and destination=’Tehran’ and transit\_name is not null and flight\_date='08-DEC-09’ );

1. Without transit:

Sql query = "select flight\_id, time, flight\_date, fare from flight where source=’Dhaka’ and destination=’Tehran’ and transit\_name is null and flight\_date='08-DEC-09’ );

Book:

Tasks: If a user has booked first class ticket in

Sql query = " update flight set first\_av =first\_av - 1 where flight\_id=’sq051’ “

Admin:

Tasks:

1. Insert data in **flight** table:

Sql query = “insert into flight values ( 'ek041', 'Dhaka', 'Tehran', null,1214, 610, 870, 'international', '2130', 40, 40, 40, '08-DEC-09' ); “

1. Insert data in **plane** table:

Sql query = “insert into plane values(21,'Airbus-300',100,150,150) “

TABLES

create table flight(

flight\_id varchar(10) primary key,

source varchar(20),

destination varchar(20),

transit\_name varchar(20),

first\_fare int,

eco\_fare int,

business\_fare int,

range varchar(15),

time varchar(10),

first\_av int,

eco\_av int,

business\_av int,

flight\_date date );

create table plane(

p\_id int primary key ,

p\_name varchar(30),

first\_cap int,

eco\_cap int,

business\_cap int);

create table flight\_goes(

flight\_id varchar(10),

p\_id int );

create table airline(

aid varchar(10) primary key,

airname varchar(25),

rating float);

create table user\_info(

uname varchar(15) primary key,

fullname varchar(30),

password varchar(15),

address varchar(40),

city varchar(15),

country varchar(20),

teleponeNo varchar(20),

email varchar(30));

create table user\_purchase(

pur\_id int primary key,

flight\_id varchar(10),

amount\_paid int,

tdate date );

create sequence purchase\_sqn start with 1 minvalue 1 increment by 1;

insert into user\_purchase values(purchase\_sqn.nextval, ‘sq051’, ‘1014’, ’08-Dec-09’ )

create table booked\_by (

uname varchar(15),

pur\_id int );

create table admin\_info(

admin\_name varchar(15) primary key,

fullname varchar(30),

password varchar(15),

airlineName varchar(30),

address varchar(40)

teleponeNo varchar(20),

email varchar(30));