This project is about the management of ticketing service for an airline company. In this back end MYSQL database the following facilities are available.

1. Customer can check for the availability of one way travel ticket.
2. Customer can check for the availability of return ticket.
3. Customer can view their profile information.
4. Customer can book a ticket and cancel or edit their booked tickets.
5. Each customer will be rewarded points on every flight booking based on the customer type and travel class.
6. Customer can view some additional facilities like checking for a cheapest flight ticket, view their own booking history, can check their reward points, offer details, flight status details.
7. We have employees to administrate and work on these actives.
8. Employees will have access on their respective fields and manipulate the data.
9. Employees also gather data like, which travel take more time to travel, which flight route are more demand on the customer side, which type of flight are booked more, on which customer type more tickets are booked, on which travel class more tickets are booked, which customer has high reward points, customer list who have booked more than 2 tickets. These data query will help the company to analyze for the development of the company.

The following concepts are used in this database project.

1. ER diagram
2. Forward Engineering
3. Tables
4. Views
5. Joins
6. Sub query
7. Nested Sub query
8. User creation
9. Granting privileges
10. Stored Procedures
11. Triggers
12. Normalization
13. Referential Constrains
14. Functions

Stored Procedures

DELIMITER //

CREATE

procedure ProfileProc (in username int)

BEGIN

SELECT

first\_name as 'First Name', p.Middle\_name as 'Middle Name', p.Last\_name as 'Last Name',

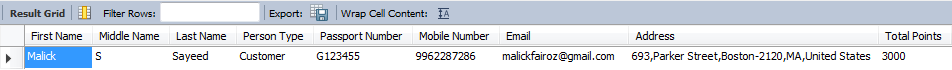
p.Person\_Type as 'Person Type',p.passport\_no as 'Passport Number', p.mobile\_no as 'Mobile Number', p.email\_id as 'Email', concat(a.door\_no,',', a.street,',',a.city, '-', a.zip\_code,',', a.state,',', c.country\_name) as 'Address', cu.rewards\_points as 'Total Points' from person p, address a, countries c, customers cu

WHERE

p.person\_id=a.person\_Id and a.country\_code=c.country\_code and p.Person\_ID=username and p.Person\_ID=cu.person\_id;

End//

call ProfileProc (1001);



DELIMITER //

Create procedure OneWayBookingInfo (in fromPlace varchar(15), in toPlace varchar(15), in travelDate date, in classTravel varchar(15))

BEGIN

SELECT

f.Flight\_id as 'Flight Number', fs.origin\_airport\_id as 'From', fs.destination\_airport\_id as 'To',date(fs.Departure\_TimeStamp) as 'Departure Date', time(fs.Departure\_TimeStamp) as 'Departure Time', tp.seat\_id as 'Seat Number', tp.seat\_price\_usd as 'Seat Price'FromFlight f, FlightSchedule fs, TicketPrice tp, AircraftSeat ase, travelclass tc

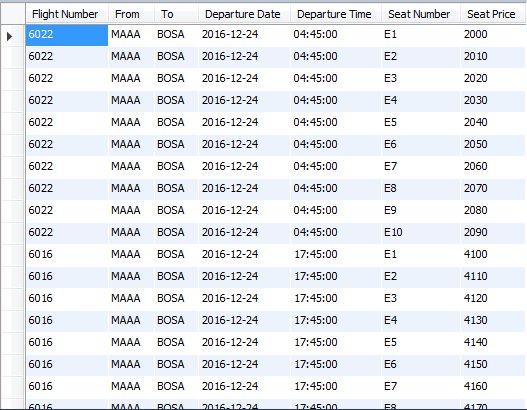
WHERE

f.flight\_id = fs.flight\_id and f.flight\_id = tp.flight\_id and tp.Aircraft\_ID = ase.Aircraft\_ID and tp.seat\_id = ase.Seat\_ID and ase.Travel\_class\_id = tc.Travel\_Class\_ID and tc.Travel\_Class\_Name = classTravel andfs.origin\_airport\_id = fromPlace and fs.destination\_airport\_id = toPlace and date(fs.Departure\_TimeStamp) = travelDate andtp.Seat\_ID not in (select Seat\_ID

from FlightBooking where Schedule\_ID = fs.Schedule\_ID)order by tp.seat\_price\_usd;

END//

CALL OneWayBookingInfo ('MAAA','BOSA','2016-12-24', 'Economy Class');



DELIMITER //

Create procedure TwoWayBookingInfo

(in fromPlace varchar(15), in toPlace varchar(15), in travelDate date, in classTravel varchar(15),in returnDate date) Begin

SELECT

f.Flight\_id as 'Flight Number', fs.origin\_airport\_id as 'From', fs.destination\_airport\_id as 'To',date(fs.Departure\_TimeStamp) as 'Departure Date', time(fs.Departure\_TimeStamp) as 'Departure Time', tp.seat\_id as 'Seat Number', tp.seat\_price\_usd as 'Seat Price‘

FROM

Flight f, FlightSchedule fs, TicketPrice tp, AircraftSeat ase, travelclass tc

WHERE

f.flight\_id = fs.flight\_id and f.flight\_id = tp.flight\_id and tp.Aircraft\_ID = ase.Aircraft\_ID and tp.seat\_id = ase.Seat\_ID and ase.Travel\_Class\_ID=tc.Travel\_Class\_ID and tc.Travel\_class\_name = classTravel and fs.origin\_airport\_id = fromPlace and fs.destination\_airport\_id = toPlace and date(fs.Departure\_TimeStamp) = travelDate and tp.Seat\_ID not in (select Seat\_ID from FlightBooking where Schedule\_ID = fs.Schedule\_ID)

UNION ALL

SELECT

f.Flight\_id as 'Flight Number', fs.origin\_airport\_id as 'From', fs.destination\_airport\_id as’ To', date(fs.Departure\_TimeStamp) as 'Departure Date', time(fs.Departure\_TimeStamp) as 'Departure Time', tp.seat\_id as 'Seat Number', tp.seat\_price\_usd as 'Seat Price‘

FROM

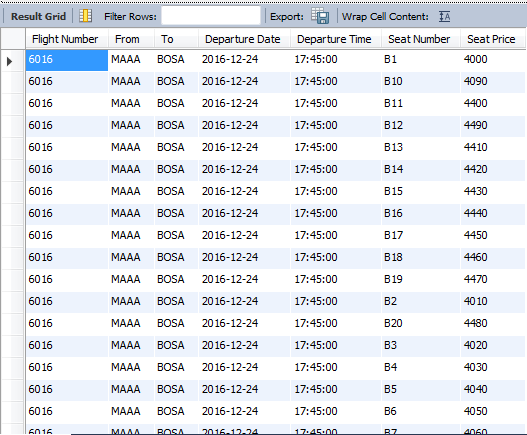
Flight f, FlightSchedule fs, TicketPrice tp, AircraftSeat ase, travelclass tc

WHERE

f.flight\_id = fs.flight\_id and f.flight\_id = tp.flight\_id and tp.Aircraft\_ID = ase.Aircraft\_ID and tp.seat\_id = ase.Seat\_ID and ase.Travel\_Class\_ID=tc.Travel\_Class\_ID and tc.Travel\_class\_name = classTravel and fs.origin\_airport\_id = toPlace and fs.destination\_airport\_id = fromPlace and date(fs.Departure\_TimeStamp) = returnDate and tp.Seat\_ID not in (select Seat\_ID from FlightBooking where Schedule\_ID = fs.Schedule\_ID);

END//

Call TwoWayBookingInfo ('MAAA','BOSA','2016-12-24','Business Class','2016-12-21');



CREATE view ViewBookingHistory as

SELECT

fb.booking\_id as 'Booking Number', f.Flight\_Name as 'Flight',c.Customer\_ID as 'Customer ID', concat(p.First\_name,' ',p.Last\_Name) as 'Customer Name', tc.Travel\_Class\_Name as 'Travel Class', fb.seat\_id as 'Seat Number', a.city as 'From', a1.city as 'To', concat(fs.Departure\_TimeStamp) as Depature, concat(fs.Arrival\_TimeStamp) as Arrival, SEC\_TO\_TIME(UNIX\_TIMESTAMP(fs.Arrival\_TimeStamp) - UNIX\_TIMESTAMP (fs.Departure\_TimeStamp)) as Duration

FROM

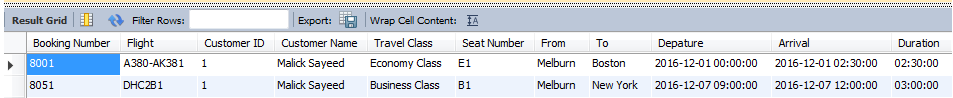
flightbooking fb, flightschedule fs, airport a, airport a1, person p, customers c, aircraftseat ase, flight f, ticketprice tp, travelclass tc

WHERE

fb.Schedule\_ID=fs.Schedule\_ID and fs.Origin\_Airport\_ID=a.Airport\_ID and fs.Destination\_Airport\_ID=a1.Airport\_ID and fb.Customer\_ID=c.Customer\_ID and c.Person\_ID=p.Person\_ID and fb.Aircraft\_ID=tp.Aircraft\_ID and tp.Aircraft\_ID=ase.Aircraft\_ID and fb.Flight\_ID=tp.Flight\_ID and tp.Flight\_ID=f.Flight\_ID and tp.Seat\_ID=ase.Seat\_ID and fb.Aircraft\_ID=tp.Aircraft\_ID and fb.Seat\_ID=tp.Seat\_ID and ase.travel\_class\_id=tc.travel\_Class\_id

Order by fb.Booking\_ID;

select \* from viewbookinghistory where `Customer ID` =1;



CREATE view ViewMalick as

SELECT

fb.Booking\_ID as 'Booking Number', fb.Customer\_ID as 'Customer Number', fb.Flight\_ID as 'Flight Number', fb.Aircraft\_ID as 'Aircraft Number', fb.Seat\_ID as 'Seat Number', fb.Schedule\_id as 'Schedule Number', fb.Booking\_Date as 'Booking Date'

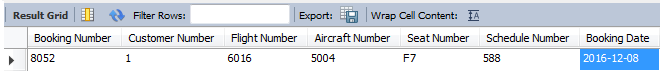
FROM

flightbooking fb

WHERE

fb.Customer\_ID=1 and fb.schedule\_id not in (select fs.schedule\_id from flightSchedule fs where fs.Departure\_TimeStamp<date(now()));

INSERT into ViewMalick values (8052,1,6016,5004,'F7',588,'2016-12-08');



DELETE from ViewMalick Where booking\_id = 8051;

UPDATE malickviewtable set Seat\_ID = 'F7' where booking\_id = 8052;

CREATE View ViewCustomerPoints as

SELECT

c.Customer\_ID, concat(p.First\_name,' ',p.Last\_Name) as 'Customer Name', c.Rewards\_Points as 'Total Points'

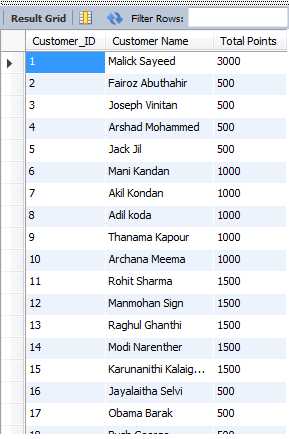
FROM

customers c, person p

WHERE

c.Person\_ID=p.Person\_ID;

SELECT \* from viewcustomerPoints;

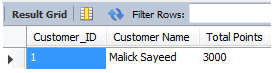


SELECT \* from viewcustomerpoints

WHERE

`Total Points`=(select max(`Total Points`)

FROM viewcustomerpoints);



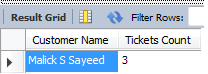
SELECT concat(p.First\_Name,' ',p.Middle\_Name,' ',p.Last\_Name) as 'Customer Name', count(Booking\_ID) as 'Tickets Count'

FROM flightbooking fb, customers c, person p

WHERE fb.customer\_id=c.customer\_id and c.person\_id=p.person\_id

GROUP BY fb.Customer\_ID

HAVING count(Booking\_ID)>2;



SELECT

C.Customer\_Type as 'Customer Category', count(Booking\_ID) as 'Tickets Booked'

FROM Customers c

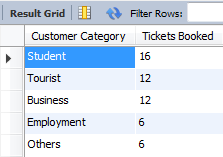
INNER JOIN flightbooking fb

ON

C.Customer\_ID=fb.Customer\_ID

GROUP BY

C.Customer\_Type;



SELECT

tc.travel\_class\_Name as 'Travel Class', count(fb.booking\_ID) as 'Tickets Booked'

FROM

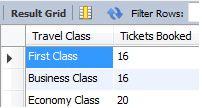
flightbooking fb, ticketprice tp, aircraftseat ase, travelclass tc

WHERE

fb.Flight\_ID=tp.Flight\_ID andfb.Aircraft\_ID=tp.Aircraft\_ID and fb.Seat\_ID=tp.Seat\_ID and tp.Aircraft\_ID=ase.Aircraft\_ID and tp.Seat\_ID=ase.Seat\_ID and ase.Travel\_Class\_ID = tc.Travel\_Class\_ID

GROUP BY

tc.Travel\_Class\_Name;



SELECT

count(fb.Booking\_ID) as 'Tickets Booked', f.Flight\_Name 'Flight' , tc.Travel\_Class\_Name 'Travel Class‘

FROM

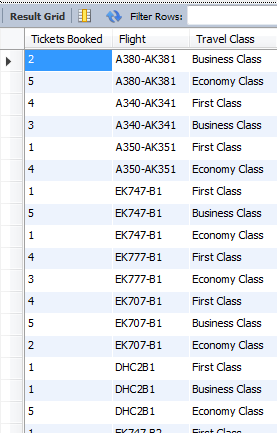
flightbooking fb, ticketprice tp, aircraftseat ase, travelclass tc, flight f

WHERE

fb.Flight\_ID=tp.Flight\_ID and fb.Aircraft\_ID=tp.Aircraft\_ID andfb.Seat\_ID=tp.Seat\_ID and tp.Aircraft\_ID=ase.Aircraft\_ID and tp.Seat\_ID=ase.Seat\_ID and ase.Travel\_Class\_ID = tc.Travel\_Class\_ID and f.Flight\_ID = tp.Flight\_ID

GROUP BY

fb.flight\_id, ase.Travel\_Class\_ID;



SELECT

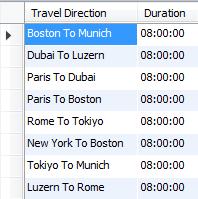
concat(a.city,' To ',a1.city) as 'Travel Direction', timediff (fs.Arrival\_Timestamp, fs.Departure\_Timestamp) as Duration

FROM

flightschedule fs, airport a, airport a1, traveldirection td

WHERE

timediff(Arrival\_Timestamp, Departure\_Timestamp) = (select max (timediff (Arrival\_Timestamp, Departure\_Timestamp)) from flightschedule) and fs.Origin\_Airport\_ID = td.Orgin\_Airport\_ID and fs.Destination\_Airport\_ID=td.Destination\_Airport\_ID and td.Destination\_Airport\_ID=a.Airport\_ID and td.Orgin\_Airport\_ID=a1.Airport\_ID;



DELIMITER //

CREATE procedure CheapFlightProc (in FromPlace varchar (20), in ToPlace varchar (20))

BEGIN

SELECT

f.flight\_name as 'Flight Name', a.city as 'From', a1.city as 'To', tp.Seat\_Price\_USD as 'Seat Price', tc.Travel\_Class\_Name as 'Travel Class'

FROM

flight f, ticketprice tp, flightschedule fs, airport a, airport a1, aircraftseat ase, travelclass tc

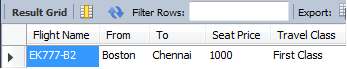
WHERE

tp.Flight\_ID=f.Flight\_ID and f.Flight\_ID=fs.Flight\_ID and a.Airport\_ID=fs.Origin\_Airport\_ID and a1.Airport\_ID= fs.Destination\_Airport\_ID and tp.Aircraft\_ID =ase.Aircraft\_ID and ase.Travel\_Class\_ID = tc.Travel\_Class\_ID and tp.Seat\_ID= ase.Seat\_ID and fs.Origin\_Airport\_ID= FromPlace and fs.Destination\_Airport\_ID=ToPlace and tp.Seat\_Price\_USD = (SELECT min(tp.Seat\_Price\_USD) from ticketprice tp, flightschedule fs, flight f

WHERE fs.Origin\_Airport\_ID=FromPlace and fs.Destination\_Airport\_ID=ToPlace and tp.Flight\_ID=f.Flight\_ID and f.Flight\_ID=fs.Flight\_ID);

END//

CALL CheapFlightProc('bosa','maaa');



SELECT

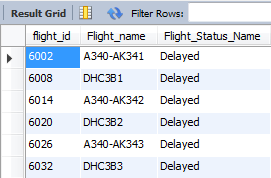
f.flight\_id, f.Flight\_name, fst.Flight\_Status\_Name

FROM

flightstatus fst, flight f

WHERE

f.Flight\_Status\_ID=fst.Flight\_Status\_ID and fst.Flight\_Status\_Name='Delayed';



SELECT

f.Flight\_ID,am.Aircraft\_Manufacture\_Name, fs.Flight\_Status\_Name, fsh.Destination\_Airport\_ID as 'Arriving', fsh.Arrival\_TimeStamp

FROM

flightstatus fs, flight f, flightschedule fsh, aircraft a, aircraftmanaufacture am

WHERE

fs.Flight\_Status\_ID=f.Flight\_Status\_ID and fsh.Flight\_ID =f.Flight\_ID and f.Aircraft\_ID= a.Aircraft\_ID and a.Aircraft\_Manufacturer\_ID =am.Aircraft\_Manufacture\_ID and fsh.Destination\_Airport\_ID= 'bosa';

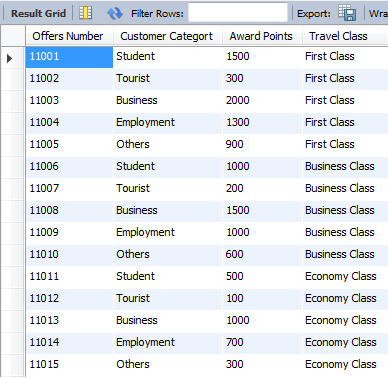


SELECT

Offers\_ID as 'Offers Number', Customer\_Type as 'Customer Categort', Rewards\_Static\_Points as 'Award Points', Travel\_Class\_Name as 'Travel Class'

FROM

offers;



SELECT

am.Aircraft\_Manufacture\_Name as 'Flight Company Name',count(fb.Booking\_ID) as 'Tickets Booked‘

FROM

flightbooking fb,ticketprice tp, flight f, aircraft a, aircraftmanaufacture am

WHERE

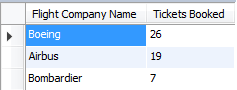
fb.Flight\_ID=tp.Flight\_ID andfb.Aircraft\_ID=tp.Aircraft\_ID andfb.Seat\_ID=tp.Seat\_ID andtp.Flight\_ID=f.Flight\_ID andf.Aircraft\_ID=a.Aircraft\_ID and a.Aircraft\_Manufacturer\_ID=am.Aircraft\_Manufacture\_ID

GROUP BY

am.Aircraft\_Manufacture\_Name

ORDER BY

count(fb.booking\_id) desc;



SELECT

concat(`from`, ' to ', `To`) as `Travel Direction`, count(`Booking Number`) as `Maximum Booking`

FROM

viewbookinghistory

GROUP BY

concat(`from`, ' to ', `To`)

HAVING

Count (`Booking Number`) = (select Max(Tickets)

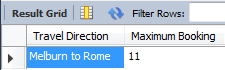
FROM (SELECT concat(`from`, ' to ', `To`) as `TravelDirection`, count(\*) as `Tickets`

FROM

viewbookinghistory

GROUP BY

`TravelDirection`) as Table1);



TRIGGERS

CREATE

DEFINER=`root`@`localhost`

TRIGGER `airticket`.`flightbooking\_AFTER\_INSERT`

AFTER INSERT

ON `flightbooking`

FOR EACH ROW

BEGIN

UPDATE Customers c, offers o set c.rewards\_points = c.rewards\_points + o.Rewards\_Static\_Points, c.offers\_id=o.offers\_id

WHERE

c.Customer\_ID = NEW.Customer\_ID and o.Travel\_Class\_Name in (SELECT Travel\_Class\_Name FROM TravelClass tc, aircraftseat ase WHERE tc.travel\_class\_id=ase.travel\_class\_id and ase.aircraft\_id = NEW.aircraft\_id and ase.seat\_id = NEW.seat\_id);

END

CREATE

DEFINER=`root`@`localhost`

TRIGGER cancellationProcessing

BEFORE DELETE

ON airticket.flightbooking

FOR EACH ROW

BEGIN

UPDATE customers c, offers o set c.Rewards\_Points = c.Rewards\_Points - o.Rewards\_Static\_Points

WHERE

c.Customer\_ID = OLD.Customer\_ID and o.Travel\_Class\_Name in (SELECT Travel\_Class\_Name FROM TravelClass tc, aircraftseat ase WHERE tc.travel\_class\_id=ase.travel\_class\_id and ase.aircraft\_id = OLD.aircraft\_id and ase.seat\_id = OLD.seat\_id);

END

CREATE

DEFINER=`root`@`localhost`

TRIGGER `airticket`.`person\_AFTER\_INSERT`

AFTER INSERT ON `person`

FOR EACH ROW

BEGIN

IF NEW.person\_type = 'Customer' then

INSERT INTO customers (person\_id) values (new.person\_id);

END IF;

END

1. Introduction
2. Concepts Covered
3. Use Cases
   1. Customer can view their Profile information
   2. Customer can check the availability of one way travel ticket
   3. Customer can check for the availability of return (two way) travel ticket
   4. To view the booking history
   5. Customer’s View Table for booking, cancelling, Editing tickets
   6. To view Customer’s reward points
   7. To find which customer has highest reward points
   8. To view the customer who have booked more than 2 tickets
   9. To find the count booked tickets on each Customer group
   10. To find the count of booked tickets on each Travel Class group
   11. To list the booked tickets on each flight under each travel class
   12. To find the Journey which will take long time to travel
   13. To Display the cheapest ticket for a particular travel
   14. To Display the flight list which are in Delayed status
   15. To display the status of the flights which are arriving to Boston
   16. For the Customers to View the Offers details
   17. To Display the flight company and their sold tickets with highest on top
   18. To find the Route which has more demand from customers
   19. To update (Add) the reward points on the customers table for every flight ticket booking on flightbooking table this trigger is used
   20. To update (Subtract) the reward points on the customers table for every flight ticket cancelling on flightbooking table this trigger is used
   21. This trigger is used to add new customers to the customer table automatically when added in the person table
4. The MYSQL Database Backup files which contains both data and structure.

-- MySQL dump 10.13 Distrib 5.7.12, for Win64 (x86\_64)

--

-- Host: localhost Database: airticket

-- ------------------------------------------------------

-- Server version 5.6.33-log

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8 \*/;

/\*!40103 SET @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!40103 SET TIME\_ZONE='+00:00' \*/;

/\*!40014 SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0 \*/;

/\*!40014 SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0 \*/;

/\*!40101 SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='NO\_AUTO\_VALUE\_ON\_ZERO' \*/;

/\*!40111 SET @OLD\_SQL\_NOTES=@@SQL\_NOTES, SQL\_NOTES=0 \*/;

--

-- Table structure for table `address`

--

DROP TABLE IF EXISTS `address`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `address` (

`Person\_ID` int(11) NOT NULL,

`Door\_No` varchar(5) DEFAULT NULL,

`Street` varchar(45) DEFAULT NULL,

`City` varchar(20) DEFAULT NULL,

`Zip\_Code` varchar(10) NOT NULL,

`State` varchar(25) NOT NULL,

`Country\_Code` char(5) NOT NULL,

PRIMARY KEY (`Person\_ID`),

KEY `Country\_Code\_FK\_idx` (`Country\_Code`),

CONSTRAINT `Country\_Code\_FK` FOREIGN KEY (`Country\_Code`) REFERENCES `countries` (`Country\_Code`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `Person\_ID\_FK6` FOREIGN KEY (`Person\_ID`) REFERENCES `person` (`Person\_ID`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `address`

--

LOCK TABLES `address` WRITE;

/\*!40000 ALTER TABLE `address` DISABLE KEYS \*/;

INSERT INTO `address` VALUES (1001,'693','Parker Street','Boston','2120','MA','USA'),(1002,'694','Smith Street','Chennai','600084','TN','IND'),(1003,'21','Muthu Street','New York','2312','NJ','USA'),(1004,'64','Ritherdon Street','Delhi','23412','DL','IND'),(1005,'20','Malfoy Street','Chicago','12312','IO','USA'),(1006,'10','Main Street','Dallas','23123','TX','USA'),(1007,'94','Train Street','Arlington','23413','CA','USA'),(1008,'44','Parker Street','Southgate','31290','NI','SWT'),(1009,'10','Froyst Street','Lowell','4120','TOK','JPN'),(1010,'85','Huntington Avenue','Paris','12305','PR','FRA'),(1011,'28','Tremont Street','Madurai','50002','MDU','DBA'),(1012,'45','Python Street','Trichy','50012','TN','IND'),(1013,'62','Parker Street','Boston','50022','MA','USA'),(1014,'79','Smith Street','Chennai','50032','TN','IND'),(1015,'96','Muthu Street','New York','50042','NJ','USA'),(1016,'113','Ritherdon Street','Delhi','50052','DL','IND'),(1017,'130','Malfoy Street','Chicago','50062','IO','USA'),(1018,'147','Main Street','Dallas','50072','TX','USA'),(1019,'164','Train Street','Arlington','50082','CA','USA'),(1020,'181','Parker Street','Southgate','50092','NI','SWT'),(1021,'198','Froyst Street','Lowell','50102','TOK','JPN'),(1022,'215','Huntington Avenue','Paris','50112','PR','FRA'),(1023,'232','Tremont Street','Madurai','50122','MDU','DBA'),(1024,'249','Python Street','Trichy','50132','TN','IND'),(1025,'266','Parker Street','Boston','50142','MA','USA'),(1026,'283','Smith Street','Chennai','50152','TN','IND'),(1027,'300','Muthu Street','New York','50162','NJ','USA'),(1028,'317','Ritherdon Street','Delhi','50172','DL','IND'),(1029,'334','Malfoy Street','Chicago','50182','IO','USA'),(1030,'351','Main Street','Dallas','50192','TX','USA'),(1031,'368','Train Street','Arlington','50202','CA','USA'),(1032,'385','Parker Street','Southgate','50212','NI','SWT'),(1033,'402','Froyst Street','Lowell','50222','TOK','JPN'),(1034,'419','Huntington Avenue','Paris','50232','PR','FRA'),(1035,'436','Tremont Street','Madurai','50242','MDU','DBA'),(1036,'453','Python Street','Trichy','50252','TN','IND'),(1037,'470','Parker Street','Boston','50262','MA','USA'),(1038,'487','Smith Street','Chennai','50272','TN','IND'),(1039,'504','Muthu Street','New York','50282','NJ','USA'),(1040,'521','Ritherdon Street','Delhi','50292','DL','IND'),(1041,'538','Malfoy Street','Chicago','50302','IO','USA'),(1042,'555','Main Street','Dallas','50312','TX','USA'),(1043,'572','Train Street','Arlington','50322','CA','USA'),(1044,'589','Parker Street','Southgate','50332','NI','SWT'),(1045,'606','Froyst Street','Lowell','50342','TOK','JPN'),(1046,'623','Huntington Avenue','Paris','50352','PR','FRA'),(1047,'640','Tremont Street','Madurai','50362','MDU','DBA'),(1048,'657','Python Street','Trichy','50372','TN','IND'),(1049,'674','Parker Street','Boston','50382','MA','USA'),(1050,'691','Smith Street','Chennai','50392','TN','IND'),(2001,'708','Muthu Street','New York','50402','NJ','USA'),(2002,'725','Ritherdon Street','Delhi','50412','DL','IND'),(2003,'742','Malfoy Street','Chicago','50422','IO','USA'),(2004,'759','Main Street','Dallas','50432','TX','USA'),(2005,'776','Train Street','Arlington','50442','CA','USA');

/\*!40000 ALTER TABLE `address` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `adminemployees`

--

DROP TABLE IF EXISTS `adminemployees`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `adminemployees` (

`Employee\_ID` int(11) NOT NULL,

`Role` enum('OfferAdmin','SeatAdmin','ScheduleAdmin','StatusAdmin','SystemAdmin') NOT NULL,

`Person\_ID` int(11) NOT NULL,

PRIMARY KEY (`Employee\_ID`),

KEY `Person\_ID\_FK3\_idx` (`Person\_ID`),

CONSTRAINT `Person\_ID\_FK3` FOREIGN KEY (`Person\_ID`) REFERENCES `person` (`Person\_ID`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `adminemployees`

--

LOCK TABLES `adminemployees` WRITE;

/\*!40000 ALTER TABLE `adminemployees` DISABLE KEYS \*/;

INSERT INTO `adminemployees` VALUES (101,'OfferAdmin',2001),(102,'SeatAdmin',2002),(103,'ScheduleAdmin',2003),(104,'StatusAdmin',2004),(105,'SystemAdmin',2005);

/\*!40000 ALTER TABLE `adminemployees` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `aircraft`

--

DROP TABLE IF EXISTS `aircraft`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `aircraft` (

`Aircraft\_ID` int(11) NOT NULL,

`Aircraft\_Model\_Name` varchar(25) NOT NULL,

`Aircraft\_Manufacturer\_ID` int(11) NOT NULL,

PRIMARY KEY (`Aircraft\_ID`),

KEY `Aircraft\_Manufacture\_ID\_FK\_idx` (`Aircraft\_Manufacturer\_ID`),

CONSTRAINT `Aircraft\_Manufacture\_ID\_FK` FOREIGN KEY (`Aircraft\_Manufacturer\_ID`) REFERENCES `aircraftmanaufacture` (`Aircraft\_Manufacture\_ID`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `aircraft`

--

LOCK TABLES `aircraft` WRITE;

/\*!40000 ALTER TABLE `aircraft` DISABLE KEYS \*/;

INSERT INTO `aircraft` VALUES (5001,'A380',4001),(5002,'A340',4001),(5003,'A350',4001),(5004,'Boeing747',4002),(5005,'Boeing777',4002),(5006,'Boeing707',4002),(5007,'DHC-2Beaver',4003),(5008,'DHC-3Otter',4003),(5009,'Embraer170',4004),(5010,'Embraer175',4004),(5011,'Tu-134',4005),(5012,'Tu-154',4005);

/\*!40000 ALTER TABLE `aircraft` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `aircraftmanaufacture`

--

DROP TABLE IF EXISTS `aircraftmanaufacture`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `aircraftmanaufacture` (

`Aircraft\_Manufacture\_ID` int(11) NOT NULL,

`Aircraft\_Manufacture\_Name` varchar(25) NOT NULL,

`Manufacture\_Location` varchar(45) NOT NULL,

PRIMARY KEY (`Aircraft\_Manufacture\_ID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `aircraftmanaufacture`

--

LOCK TABLES `aircraftmanaufacture` WRITE;

/\*!40000 ALTER TABLE `aircraftmanaufacture` DISABLE KEYS \*/;

INSERT INTO `aircraftmanaufacture` VALUES (4001,'Airbus','India'),(4002,'Boeing','Japan'),(4003,'Bombardier','Denmark'),(4004,'Embraer','United States'),(4005,'Tupoloev','Australia'),(4006,'Kwa Kwa','India');

/\*!40000 ALTER TABLE `aircraftmanaufacture` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `aircraftseat`

--

DROP TABLE IF EXISTS `aircraftseat`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `aircraftseat` (

`Aircraft\_ID` int(11) NOT NULL,

`Seat\_ID` varchar(5) NOT NULL,

`Travel\_Class\_ID` int(11) NOT NULL,

PRIMARY KEY (`Aircraft\_ID`,`Seat\_ID`),

KEY `Travel\_Class\_ID\_FK\_idx` (`Travel\_Class\_ID`),

CONSTRAINT `Aircraft\_ID\_FK1` FOREIGN KEY (`Aircraft\_ID`) REFERENCES `aircraft` (`Aircraft\_ID`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `Travel\_Class\_ID\_FK` FOREIGN KEY (`Travel\_Class\_ID`) REFERENCES `travelclass` (`Travel\_Class\_ID`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `aircraftseat`

--

LOCK TABLES `aircraftseat` WRITE;

/\*!40000 ALTER TABLE `aircraftseat` DISABLE KEYS \*/;

INSERT INTO `aircraftseat` VALUES (5001,'F1',7001),(5001,'F10',7001),(5001,'F2',7001),(5001,'F3',7001),(5001,'F4',7001),(5001,'F5',7001),(5001,'F6',7001),(5001,'F7',7001),(5001,'F8',7001),(5001,'F9',7001),(5002,'F1',7001),(5002,'F10',7001),(5002,'F2',7001),(5002,'F3',7001),(5002,'F4',7001),(5002,'F5',7001),(5002,'F6',7001),(5002,'F7',7001),(5002,'F8',7001),(5002,'F9',7001),(5003,'F1',7001),(5003,'F10',7001),(5003,'F2',7001),(5003,'F3',7001),(5003,'F4',7001),(5003,'F5',7001),(5003,'F6',7001),(5003,'F7',7001),(5003,'F8',7001),(5003,'F9',7001),(5004,'F1',7001),(5004,'F10',7001),(5004,'F2',7001),(5004,'F3',7001),(5004,'F4',7001),(5004,'F5',7001),(5004,'F6',7001),(5004,'F7',7001),(5004,'F8',7001),(5004,'F9',7001),(5005,'F1',7001),(5005,'F2',7001),(5005,'F3',7001),(5005,'F4',7001),(5005,'F5',7001),(5006,'F1',7001),(5006,'F2',7001),(5006,'F3',7001),(5006,'F4',7001),(5006,'F5',7001),(5007,'F1',7001),(5007,'F2',7001),(5007,'F3',7001),(5007,'F4',7001),(5007,'F5',7001),(5008,'F1',7001),(5008,'F10',7001),(5008,'F2',7001),(5008,'F3',7001),(5008,'F4',7001),(5008,'F5',7001),(5008,'F6',7001),(5008,'F7',7001),(5008,'F8',7001),(5008,'F9',7001),(5009,'F1',7001),(5009,'F10',7001),(5009,'F2',7001),(5009,'F3',7001),(5009,'F4',7001),(5009,'F5',7001),(5009,'F6',7001),(5009,'F7',7001),(5009,'F8',7001),(5009,'F9',7001),(5010,'F1',7001),(5010,'F10',7001),(5010,'F2',7001),(5010,'F3',7001),(5010,'F4',7001),(5010,'F5',7001),(5010,'F6',7001),(5010,'F7',7001),(5010,'F8',7001),(5010,'F9',7001),(5011,'F1',7001),(5011,'F10',7001),(5011,'F2',7001),(5011,'F3',7001),(5011,'F4',7001),(5011,'F5',7001),(5011,'F6',7001),(5011,'F7',7001),(5011,'F8',7001),(5011,'F9',7001),(5012,'F1',7001),(5012,'F10',7001),(5012,'F2',7001),(5012,'F3',7001),(5012,'F4',7001),(5012,'F5',7001),(5012,'F6',7001),(5012,'F7',7001),(5012,'F8',7001),(5012,'F9',7001),(5001,'B1',7002),(5001,'B10',7002),(5001,'B11',7002),(5001,'B12',7002),(5001,'B13',7002),(5001,'B14',7002),(5001,'B15',7002),(5001,'B16',7002),(5001,'B17',7002),(5001,'B18',7002),(5001,'B19',7002),(5001,'B2',7002),(5001,'B20',7002),(5001,'B3',7002),(5001,'B4',7002),(5001,'B5',7002),(5001,'B6',7002),(5001,'B7',7002),(5001,'B8',7002),(5001,'B9',7002),(5002,'B1',7002),(5002,'B10',7002),(5002,'B11',7002),(5002,'B12',7002),(5002,'B13',7002),(5002,'B14',7002),(5002,'B15',7002),(5002,'B16',7002),(5002,'B17',7002),(5002,'B18',7002),(5002,'B19',7002),(5002,'B2',7002),(5002,'B20',7002),(5002,'B3',7002),(5002,'B4',7002),(5002,'B5',7002),(5002,'B6',7002),(5002,'B7',7002),(5002,'B8',7002),(5002,'B9',7002),(5003,'B1',7002),(5003,'B10',7002),(5003,'B11',7002),(5003,'B12',7002),(5003,'B13',7002),(5003,'B14',7002),(5003,'B15',7002),(5003,'B16',7002),(5003,'B17',7002),(5003,'B18',7002),(5003,'B19',7002),(5003,'B2',7002),(5003,'B20',7002),(5003,'B3',7002),(5003,'B4',7002),(5003,'B5',7002),(5003,'B6',7002),(5003,'B7',7002),(5003,'B8',7002),(5003,'B9',7002),(5004,'B1',7002),(5004,'B10',7002),(5004,'B11',7002),(5004,'B12',7002),(5004,'B13',7002),(5004,'B14',7002),(5004,'B15',7002),(5004,'B16',7002),(5004,'B17',7002),(5004,'B18',7002),(5004,'B19',7002),(5004,'B2',7002),(5004,'B20',7002),(5004,'B3',7002),(5004,'B4',7002),(5004,'B5',7002),(5004,'B6',7002),(5004,'B7',7002),(5004,'B8',7002),(5004,'B9',7002),(5005,'B1',7002),(5005,'B2',7002),(5005,'B3',7002),(5005,'B4',7002),(5005,'B5',7002),(5006,'B1',7002),(5006,'B2',7002),(5006,'B3',7002),(5006,'B4',7002),(5006,'B5',7002),(5007,'B1',7002),(5007,'B2',7002),(5007,'B3',7002),(5007,'B4',7002),(5007,'B5',7002),(5008,'B1',7002),(5008,'B10',7002),(5008,'B2',7002),(5008,'B3',7002),(5008,'B4',7002),(5008,'B5',7002),(5008,'B6',7002),(5008,'B7',7002),(5008,'B8',7002),(5008,'B9',7002),(5009,'B1',7002),(5009,'B10',7002),(5009,'B2',7002),(5009,'B3',7002),(5009,'B4',7002),(5009,'B5',7002),(5009,'B6',7002),(5009,'B7',7002),(5009,'B8',7002),(5009,'B9',7002),(5010,'B1',7002),(5010,'B10',7002),(5010,'B2',7002),(5010,'B3',7002),(5010,'B4',7002),(5010,'B5',7002),(5010,'B6',7002),(5010,'B7',7002),(5010,'B8',7002),(5010,'B9',7002),(5011,'B1',7002),(5011,'B10',7002),(5011,'B2',7002),(5011,'B3',7002),(5011,'B4',7002),(5011,'B5',7002),(5011,'B6',7002),(5011,'B7',7002),(5011,'B8',7002),(5011,'B9',7002),(5012,'B1',7002),(5012,'B10',7002),(5012,'B2',7002),(5012,'B3',7002),(5012,'B4',7002),(5012,'B5',7002),(5012,'B6',7002),(5012,'B7',7002),(5012,'B8',7002),(5012,'B9',7002),(5001,'E1',7003),(5001,'E10',7003),(5001,'E11',7003),(5001,'E12',7003),(5001,'E13',7003),(5001,'E14',7003),(5001,'E15',7003),(5001,'E16',7003),(5001,'E17',7003),(5001,'E18',7003),(5001,'E19',7003),(5001,'E2',7003),(5001,'E20',7003),(5001,'E3',7003),(5001,'E4',7003),(5001,'E5',7003),(5001,'E6',7003),(5001,'E7',7003),(5001,'E8',7003),(5001,'E9',7003),(5002,'E1',7003),(5002,'E10',7003),(5002,'E11',7003),(5002,'E12',7003),(5002,'E13',7003),(5002,'E14',7003),(5002,'E15',7003),(5002,'E16',7003),(5002,'E17',7003),(5002,'E18',7003),(5002,'E19',7003),(5002,'E2',7003),(5002,'E20',7003),(5002,'E3',7003),(5002,'E4',7003),(5002,'E5',7003),(5002,'E6',7003),(5002,'E7',7003),(5002,'E8',7003),(5002,'E9',7003),(5003,'E1',7003),(5003,'E10',7003),(5003,'E11',7003),(5003,'E12',7003),(5003,'E13',7003),(5003,'E14',7003),(5003,'E15',7003),(5003,'E16',7003),(5003,'E17',7003),(5003,'E18',7003),(5003,'E19',7003),(5003,'E2',7003),(5003,'E20',7003),(5003,'E3',7003),(5003,'E4',7003),(5003,'E5',7003),(5003,'E6',7003),(5003,'E7',7003),(5003,'E8',7003),(5003,'E9',7003),(5004,'E1',7003),(5004,'E10',7003),(5004,'E11',7003),(5004,'E12',7003),(5004,'E13',7003),(5004,'E14',7003),(5004,'E15',7003),(5004,'E16',7003),(5004,'E17',7003),(5004,'E18',7003),(5004,'E19',7003),(5004,'E2',7003),(5004,'E20',7003),(5004,'E3',7003),(5004,'E4',7003),(5004,'E5',7003),(5004,'E6',7003),(5004,'E7',7003),(5004,'E8',7003),(5004,'E9',7003),(5005,'E1',7003),(5005,'E2',7003),(5005,'E3',7003),(5005,'E4',7003),(5005,'E5',7003),(5006,'E1',7003),(5006,'E2',7003),(5006,'E3',7003),(5006,'E4',7003),(5006,'E5',7003),(5007,'E1',7003),(5007,'E2',7003),(5007,'E3',7003),(5007,'E4',7003),(5007,'E5',7003),(5008,'E1',7003),(5008,'E2',7003),(5008,'E3',7003),(5008,'E4',7003),(5008,'E5',7003),(5009,'E1',7003),(5009,'E10',7003),(5009,'E2',7003),(5009,'E3',7003),(5009,'E4',7003),(5009,'E5',7003),(5009,'E6',7003),(5009,'E7',7003),(5009,'E8',7003),(5009,'E9',7003),(5010,'E1',7003),(5010,'E10',7003),(5010,'E2',7003),(5010,'E3',7003),(5010,'E4',7003),(5010,'E5',7003),(5010,'E6',7003),(5010,'E7',7003),(5010,'E8',7003),(5010,'E9',7003),(5011,'E1',7003),(5011,'E10',7003),(5011,'E2',7003),(5011,'E3',7003),(5011,'E4',7003),(5011,'E5',7003),(5011,'E6',7003),(5011,'E7',7003),(5011,'E8',7003),(5011,'E9',7003),(5012,'E1',7003),(5012,'E10',7003),(5012,'E2',7003),(5012,'E3',7003),(5012,'E4',7003),(5012,'E5',7003),(5012,'E6',7003),(5012,'E7',7003),(5012,'E8',7003),(5012,'E9',7003);

/\*!40000 ALTER TABLE `aircraftseat` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `airport`

--

DROP TABLE IF EXISTS `airport`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `airport` (

`Airport\_ID` char(5) NOT NULL,

`Airport\_Name` varchar(100) NOT NULL,

`City` varchar(25) NOT NULL,

`Country\_Code` char(5) NOT NULL,

PRIMARY KEY (`Airport\_ID`),

KEY `Country\_Code\_Airport\_FK\_idx` (`Country\_Code`),

CONSTRAINT `Country\_Code\_Airport\_FK` FOREIGN KEY (`Country\_Code`) REFERENCES `countries` (`Country\_Code`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `airport`

--

LOCK TABLES `airport` WRITE;

/\*!40000 ALTER TABLE `airport` DISABLE KEYS \*/;

INSERT INTO `airport` VALUES ('AUSA','Australiya','Melburn','AUS'),('BOSA','Boston Logan','Boston','USA'),('CANA','Canadian International','Toranto','CAN'),('DUBA','Dubai International','Dubai','DBA'),('FRAA','France International','Paris','FRA'),('GERA','Germany International','Munich','GER'),('ITYA','Italy International','Rome','ITY'),('JFKA','John F Kenedy','New York','USA'),('JPNA','Japan International','Tokiyo','JPN'),('MAAA','Chennai International','Chennai','IND'),('SWTA','Switz International','Luzern','SWT');

/\*!40000 ALTER TABLE `airport` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `countries`

--

DROP TABLE IF EXISTS `countries`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `countries` (

`Country\_Code` char(5) NOT NULL,

`Country\_Name` varchar(45) NOT NULL,

PRIMARY KEY (`Country\_Code`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `countries`

--

LOCK TABLES `countries` WRITE;

/\*!40000 ALTER TABLE `countries` DISABLE KEYS \*/;

INSERT INTO `countries` VALUES ('AUS','Australia'),('CAN','Canada'),('DBA','Dubai'),('FRA','France'),('GER','Germany'),('IND','India'),('ITY','Italy'),('JPN','Japan'),('SIG','Singapore'),('SWT','Switzerland'),('USA','United States');

/\*!40000 ALTER TABLE `countries` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `customers`

--

DROP TABLE IF EXISTS `customers`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `customers` (

`Customer\_ID` int(11) NOT NULL AUTO\_INCREMENT,

`Person\_ID` int(11) NOT NULL,

`Rewards\_Points` int(11) DEFAULT NULL,

`Offers\_ID` int(11) DEFAULT NULL,

`Customer\_Type` enum('Student','Tourist','Business','Employment','Others') DEFAULT NULL,

PRIMARY KEY (`Customer\_ID`),

UNIQUE KEY `Person\_ID\_UNIQUE` (`Person\_ID`),

KEY `Person\_ID\_FK1\_idx` (`Person\_ID`),

KEY `Offers\_ID\_idx` (`Offers\_ID`),

CONSTRAINT `Offers\_ID\_FK1` FOREIGN KEY (`Offers\_ID`) REFERENCES `offers` (`Offers\_ID`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `Person\_ID\_FK1` FOREIGN KEY (`Person\_ID`) REFERENCES `person` (`Person\_ID`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB AUTO\_INCREMENT=51 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `customers`

--

LOCK TABLES `customers` WRITE;

/\*!40000 ALTER TABLE `customers` DISABLE KEYS \*/;

INSERT INTO `customers` VALUES (1,1001,2000,11001,'Student'),(2,1002,500,11011,'Student'),(3,1003,500,11011,'Tourist'),(4,1004,500,11011,'Business'),(5,1005,500,11011,'Employment'),(6,1006,1000,11006,'Others'),(7,1007,1000,11006,'Tourist'),(8,1008,1000,11006,'Business'),(9,1009,1000,11006,'Student'),(10,1010,1000,11006,'Student'),(11,1011,1500,11001,'Tourist'),(12,1012,1500,11001,'Business'),(13,1013,1500,11001,'Employment'),(14,1014,1500,11001,'Others'),(15,1015,1500,11001,'Tourist'),(16,1016,500,11011,'Business'),(17,1017,500,11011,'Student'),(18,1018,500,11011,'Student'),(19,1019,500,11011,'Tourist'),(20,1020,500,11011,'Business'),(21,1021,1000,11006,'Employment'),(22,1022,1000,11006,'Others'),(23,1023,1000,11006,'Tourist'),(24,1024,1000,11006,'Business'),(25,1025,1000,11006,'Student'),(26,1026,1500,11001,'Student'),(27,1027,1500,11001,'Tourist'),(28,1028,1500,11001,'Business'),(29,1029,1500,11001,'Employment'),(30,1030,1500,11001,'Others'),(31,1031,500,11011,'Tourist'),(32,1032,500,11011,'Business'),(33,1033,500,11011,'Student'),(34,1034,500,11011,'Student'),(35,1035,500,11011,'Tourist'),(36,1036,1000,11006,'Business'),(37,1037,1000,11006,'Employment'),(38,1038,1000,11006,'Others'),(39,1039,1000,11006,'Tourist'),(40,1040,1000,11006,'Business'),(41,1041,1500,11001,'Student'),(42,1042,1500,11001,'Student'),(43,1043,1500,11001,'Tourist'),(44,1044,1500,11001,'Business'),(45,1045,1500,11001,'Employment'),(46,1046,500,11011,'Others'),(47,1047,500,11011,'Tourist'),(48,1048,500,11011,'Business'),(49,1049,500,11011,'Student'),(50,1050,500,11011,'Student');

/\*!40000 ALTER TABLE `customers` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `flight`

--

DROP TABLE IF EXISTS `flight`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `flight` (

`Flight\_ID` int(11) NOT NULL,

`Aircraft\_ID` int(11) NOT NULL,

`Flight\_Name` varchar(15) NOT NULL,

`Flight\_Status\_ID` int(11) DEFAULT NULL,

PRIMARY KEY (`Flight\_ID`),

KEY `Aircraft\_ID\_FK\_idx` (`Aircraft\_ID`),

KEY `Flight\_Status\_ID\_FK\_idx` (`Flight\_Status\_ID`),

CONSTRAINT `Aircraft\_ID\_FK` FOREIGN KEY (`Aircraft\_ID`) REFERENCES `aircraft` (`Aircraft\_ID`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `Flight\_Status\_ID\_FK` FOREIGN KEY (`Flight\_Status\_ID`) REFERENCES `flightstatus` (`Flight\_Status\_ID`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `flight`

--

LOCK TABLES `flight` WRITE;

/\*!40000 ALTER TABLE `flight` DISABLE KEYS \*/;

INSERT INTO `flight` VALUES (6001,5001,'A380-AK381',901),(6002,5002,'A340-AK341',902),(6003,5003,'A350-AK351',903),(6004,5004,'EK747-B1',904),(6005,5005,'EK777-B1',905),(6006,5006,'EK707-B1',906),(6007,5007,'DHC2B1',901),(6008,5008,'DHC3B1',902),(6009,5009,'E170-E1',903),(6010,5010,'E175-E1',904),(6011,5011,'TU134-T1',905),(6012,5012,'TU154-T1',906),(6013,5001,'A380-AK382',901),(6014,5002,'A340-AK342',902),(6015,5003,'A350-AK352',903),(6016,5004,'EK747-B2',904),(6017,5005,'EK777-B2',905),(6018,5006,'EK707-B2',906),(6019,5007,'DHC2B2',901),(6020,5008,'DHC3B2',902),(6021,5009,'E170-E2',903),(6022,5010,'E175-E2',904),(6023,5011,'TU134-T2',905),(6024,5012,'TU154-T2',906),(6025,5001,'A380-AK383',901),(6026,5002,'A340-AK343',902),(6027,5003,'A350-AK353',903),(6028,5004,'EK747-B3',904),(6029,5005,'EK777-B3',905),(6030,5006,'EK707-B3',906),(6031,5007,'DHC2B3',901),(6032,5008,'DHC3B3',902),(6033,5009,'E170-E3',903),(6034,5010,'E175-E3',904),(6035,5011,'TU134-T3',905),(6036,5012,'TU154-T3',906);

/\*!40000 ALTER TABLE `flight` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `flightbooking`

--

DROP TABLE IF EXISTS `flightbooking`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `flightbooking` (

`Booking\_ID` int(11) NOT NULL,

`Customer\_ID` int(11) NOT NULL,

`Flight\_ID` int(11) NOT NULL,

`Aircraft\_ID` int(11) NOT NULL,

`Seat\_ID` varchar(5) NOT NULL,

`Schedule\_ID` int(11) NOT NULL,

`Booking\_Date` date NOT NULL,

PRIMARY KEY (`Booking\_ID`),

UNIQUE KEY `Booking\_Index` (`Flight\_ID`,`Aircraft\_ID`,`Seat\_ID`,`Schedule\_ID`),

KEY `Customer\_ID\_FK\_idx` (`Customer\_ID`),

KEY `Flight\_Aircraft\_Seat\_ID\_FK\_idx` (`Flight\_ID`,`Aircraft\_ID`,`Seat\_ID`),

KEY `Schedule\_ID\_FK8\_idx` (`Schedule\_ID`),

CONSTRAINT `Customer\_ID\_FK` FOREIGN KEY (`Customer\_ID`) REFERENCES `customers` (`Customer\_ID`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `Flight\_Aircraft\_Seat\_ID\_FK` FOREIGN KEY (`Flight\_ID`, `Aircraft\_ID`, `Seat\_ID`) REFERENCES `ticketprice` (`Flight\_ID`, `Aircraft\_ID`, `Seat\_ID`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `Schedule\_ID\_FK8` FOREIGN KEY (`Schedule\_ID`) REFERENCES `flightschedule` (`Schedule\_ID`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `flightbooking`

--

LOCK TABLES `flightbooking` WRITE;

/\*!40000 ALTER TABLE `flightbooking` DISABLE KEYS \*/;

INSERT INTO `flightbooking` VALUES (8001,1,6001,5001,'E1',501,'2016-11-22'),(8002,2,6001,5001,'E2',501,'2016-11-11'),(8003,3,6001,5001,'E3',501,'2016-11-22'),(8004,4,6001,5001,'E4',501,'2016-11-11'),(8005,5,6001,5001,'E5',501,'2016-11-03'),(8006,6,6001,5001,'B1',501,'2016-11-03'),(8007,7,6001,5001,'B2',501,'2016-11-05'),(8008,8,6002,5002,'B3',502,'2016-11-08'),(8009,9,6002,5002,'B4',502,'2016-11-05'),(8010,10,6002,5002,'B5',502,'2016-11-22'),(8011,11,6002,5002,'F1',502,'2016-11-23'),(8012,12,6002,5002,'F2',502,'2016-11-01'),(8013,13,6002,5002,'F3',502,'2016-11-03'),(8014,14,6002,5002,'F4',502,'2016-11-03'),(8015,15,6003,5003,'F5',503,'2016-11-05'),(8016,16,6003,5003,'E1',503,'2016-11-08'),(8017,17,6003,5003,'E2',503,'2016-11-05'),(8018,18,6003,5003,'E3',503,'2016-11-22'),(8019,19,6003,5003,'E4',503,'2016-11-23'),(8020,20,6004,5004,'E5',504,'2016-11-08'),(8021,21,6004,5004,'B1',504,'2016-11-05'),(8022,22,6004,5004,'B2',504,'2016-11-22'),(8023,23,6004,5004,'B3',504,'2016-11-23'),(8024,24,6004,5004,'B4',504,'2016-11-01'),(8025,25,6004,5004,'B5',504,'2016-11-01'),(8026,26,6004,5004,'F1',504,'2016-11-03'),(8027,27,6005,5005,'F2',505,'2016-11-03'),(8028,28,6005,5005,'F3',505,'2016-11-05'),(8029,29,6005,5005,'F4',505,'2016-11-08'),(8030,30,6005,5005,'F5',505,'2016-11-05'),(8031,31,6005,5005,'E1',505,'2016-11-22'),(8032,32,6005,5005,'E2',505,'2016-11-23'),(8033,33,6005,5005,'E3',505,'2016-11-08'),(8034,34,6006,5006,'E4',506,'2016-11-05'),(8035,35,6006,5006,'E5',506,'2016-11-22'),(8036,36,6006,5006,'B1',506,'2016-11-22'),(8037,37,6006,5006,'B2',506,'2016-11-11'),(8038,38,6006,5006,'B3',506,'2016-11-22'),(8039,39,6006,5006,'B4',506,'2016-11-11'),(8040,40,6006,5006,'B5',506,'2016-11-03'),(8041,41,6006,5006,'F1',506,'2016-11-03'),(8042,42,6006,5006,'F2',506,'2016-11-05'),(8043,43,6006,5006,'F3',506,'2016-11-08'),(8044,44,6006,5006,'F4',506,'2016-11-05'),(8045,45,6007,5007,'F5',507,'2016-11-22'),(8046,46,6007,5007,'E1',507,'2016-11-23'),(8047,47,6007,5007,'E2',507,'2016-11-05'),(8048,48,6007,5007,'E3',507,'2016-11-22'),(8049,49,6007,5007,'E4',507,'2016-11-22'),(8050,50,6007,5007,'E5',507,'2016-11-05'),(8052,1,6016,5004,'F7',588,'2016-12-08');

/\*!40000 ALTER TABLE `flightbooking` ENABLE KEYS \*/;

UNLOCK TABLES;

/\*!50003 SET @saved\_cs\_client = @@character\_set\_client \*/ ;

/\*!50003 SET @saved\_cs\_results = @@character\_set\_results \*/ ;

/\*!50003 SET @saved\_col\_connection = @@collation\_connection \*/ ;

/\*!50003 SET character\_set\_client = utf8 \*/ ;

/\*!50003 SET character\_set\_results = utf8 \*/ ;

/\*!50003 SET collation\_connection = utf8\_general\_ci \*/ ;

/\*!50003 SET @saved\_sql\_mode = @@sql\_mode \*/ ;

/\*!50003 SET sql\_mode = 'STRICT\_TRANS\_TABLES,NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION' \*/ ;

DELIMITER ;;

/\*!50003 CREATE\*/ /\*!50017 DEFINER=`root`@`localhost`\*/ /\*!50003 TRIGGER `airticket`.`flightbooking\_AFTER\_INSERT` AFTER INSERT ON `flightbooking` FOR EACH ROW

BEGIN

update Customers c, offers o set c.rewards\_points = c.rewards\_points + o.Rewards\_Static\_Points,

c.offers\_id=o.offers\_id where

c.Customer\_ID = NEW.Customer\_ID and o.Travel\_Class\_Name in (select Travel\_Class\_Name from TravelClass tc, aircraftseat ase where

tc.travel\_class\_id=ase.travel\_class\_id and ase.aircraft\_id = NEW.aircraft\_id and

ase.seat\_id = NEW.seat\_id);

END \*/;;

DELIMITER ;

/\*!50003 SET sql\_mode = @saved\_sql\_mode \*/ ;

/\*!50003 SET character\_set\_client = @saved\_cs\_client \*/ ;

/\*!50003 SET character\_set\_results = @saved\_cs\_results \*/ ;

/\*!50003 SET collation\_connection = @saved\_col\_connection \*/ ;

/\*!50003 SET @saved\_cs\_client = @@character\_set\_client \*/ ;

/\*!50003 SET @saved\_cs\_results = @@character\_set\_results \*/ ;

/\*!50003 SET @saved\_col\_connection = @@collation\_connection \*/ ;

/\*!50003 SET character\_set\_client = utf8 \*/ ;

/\*!50003 SET character\_set\_results = utf8 \*/ ;

/\*!50003 SET collation\_connection = utf8\_general\_ci \*/ ;

/\*!50003 SET @saved\_sql\_mode = @@sql\_mode \*/ ;

/\*!50003 SET sql\_mode = 'STRICT\_TRANS\_TABLES,NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION' \*/ ;

DELIMITER ;;

/\*!50003 CREATE\*/ /\*!50017 DEFINER=`root`@`localhost`\*/ /\*!50003 trigger cancellationProcessing

before delete on airticket.flightbooking

for each row

begin

update customers c, offers o set c.Rewards\_Points = c.Rewards\_Points - o.Rewards\_Static\_Points where

c.Customer\_ID = OLD.Customer\_ID and o.Travel\_Class\_Name in (select Travel\_Class\_Name from TravelClass tc, aircraftseat ase where

tc.travel\_class\_id=ase.travel\_class\_id and ase.aircraft\_id = OLD.aircraft\_id and

ase.seat\_id = OLD.seat\_id);

end \*/;;

DELIMITER ;

/\*!50003 SET sql\_mode = @saved\_sql\_mode \*/ ;

/\*!50003 SET character\_set\_client = @saved\_cs\_client \*/ ;

/\*!50003 SET character\_set\_results = @saved\_cs\_results \*/ ;

/\*!50003 SET collation\_connection = @saved\_col\_connection \*/ ;

--

-- Table structure for table `flightschedule`

--

DROP TABLE IF EXISTS `flightschedule`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `flightschedule` (

`Schedule\_ID` int(11) NOT NULL,

`Origin\_Airport\_ID` char(5) NOT NULL,

`Destination\_Airport\_ID` char(5) NOT NULL,

`Departure\_TimeStamp` timestamp NULL DEFAULT NULL,

`Arrival\_TimeStamp` timestamp NULL DEFAULT NULL,

`Flight\_ID` int(11) DEFAULT NULL,

PRIMARY KEY (`Schedule\_ID`),

KEY `Orgin\_Airport\_ID\_FK\_idx` (`Origin\_Airport\_ID`),

KEY `Destination\_Airport\_ID\_FK\_idx` (`Destination\_Airport\_ID`),

KEY `Flight\_ID\_FK2\_idx` (`Flight\_ID`),

CONSTRAINT `Destination\_Airport\_ID\_FK` FOREIGN KEY (`Destination\_Airport\_ID`) REFERENCES `traveldirection` (`Destination\_Airport\_ID`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `Flight\_ID\_FK2` FOREIGN KEY (`Flight\_ID`) REFERENCES `flight` (`Flight\_ID`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `Orgin\_Airport\_ID\_FK` FOREIGN KEY (`Origin\_Airport\_ID`) REFERENCES `traveldirection` (`Orgin\_Airport\_ID`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `flightschedule`

--

LOCK TABLES `flightschedule` WRITE;

/\*!40000 ALTER TABLE `flightschedule` DISABLE KEYS \*/;

INSERT INTO `flightschedule` VALUES (501,'AUSA','BOSA','2016-12-01 05:00:00','2016-12-01 07:30:00',6001),(502,'AUSA','CANA','2016-12-02 06:30:00','2016-12-02 11:00:00',6002),(503,'AUSA','DUBA','2016-12-03 08:00:00','2016-12-03 09:00:00',6003),(504,'AUSA','FRAA','2016-12-04 09:30:00','2016-12-04 11:00:00',6004),(505,'AUSA','GERA','2016-12-05 11:00:00','2016-12-05 13:00:00',6005),(506,'AUSA','ITYA','2016-12-06 12:30:00','2016-12-06 15:00:00',6006),(507,'AUSA','JFKA','2016-12-07 14:00:00','2016-12-07 17:00:00',6007),(508,'BOSA','JPNA','2016-12-08 15:30:00','2016-12-08 19:00:00',6008),(509,'AUSA','MAAA','2016-12-09 17:00:00','2016-12-09 21:00:00',6009),(510,'AUSA','SWTA','2016-12-10 18:30:00','2016-12-10 23:00:00',6010),(511,'BOSA','AUSA','2016-12-11 20:00:00','2016-12-12 01:00:00',6011),(512,'BOSA','CANA','2016-12-12 21:30:00','2016-12-13 03:00:00',6012),(513,'BOSA','DUBA','2016-12-13 23:00:00','2016-12-14 05:00:00',6013),(514,'BOSA','FRAA','2016-12-15 00:30:00','2016-12-15 07:00:00',6014),(515,'BOSA','GERA','2016-12-16 02:00:00','2016-12-16 09:00:00',6015),(516,'BOSA','ITYA','2016-12-17 03:30:00','2016-12-17 11:00:00',6016),(517,'BOSA','JFKA','2016-12-18 05:00:00','2016-12-18 13:00:00',6017),(518,'BOSA','JPNA','2016-12-19 06:30:00','2016-12-19 11:30:00',6018),(519,'BOSA','MAAA','2016-12-20 08:00:00','2016-12-20 12:30:00',6019),(520,'BOSA','SWTA','2016-12-21 09:30:00','2016-12-21 10:30:00',6020),(521,'CANA','AUSA','2016-12-22 11:00:00','2016-12-22 12:30:00',6021),(522,'CANA','BOSA','2016-12-23 12:30:00','2016-12-23 14:30:00',6022),(523,'CANA','DUBA','2016-12-24 14:00:00','2016-12-24 16:30:00',6023),(524,'CANA','FRAA','2016-12-25 15:30:00','2016-12-25 18:30:00',6024),(525,'CANA','GERA','2016-12-26 17:00:00','2016-12-26 20:30:00',6025),(526,'CANA','ITYA','2016-12-27 18:30:00','2016-12-27 22:30:00',6026),(527,'CANA','JFKA','2016-12-28 20:00:00','2016-12-29 00:30:00',6027),(528,'CANA','JPNA','2016-12-29 21:30:00','2016-12-30 02:30:00',6028),(529,'CANA','MAAA','2016-12-30 23:00:00','2016-12-31 04:30:00',6029),(530,'CANA','SWTA','2017-01-01 00:30:00','2017-01-01 06:30:00',6030),(531,'DUBA','AUSA','2016-12-13 05:00:00','2016-12-13 11:30:00',6031),(532,'DUBA','BOSA','2016-12-14 06:30:00','2016-12-14 13:30:00',6032),(533,'DUBA','CANA','2016-12-15 08:00:00','2016-12-15 15:30:00',6033),(534,'DUBA','FRAA','2016-12-16 09:30:00','2016-12-16 17:30:00',6034),(535,'DUBA','GERA','2016-12-17 11:00:00','2016-12-17 15:00:00',6035),(536,'DUBA','ITYA','2016-12-18 12:30:00','2016-12-18 16:00:00',6036),(537,'DUBA','JFKA','2016-12-19 14:00:00','2016-12-19 15:00:00',6001),(538,'DUBA','JPNA','2016-12-20 15:30:00','2016-12-20 17:00:00',6002),(539,'DUBA','MAAA','2016-12-21 17:00:00','2016-12-21 19:00:00',6003),(540,'DUBA','SWTA','2016-12-22 18:30:00','2016-12-22 21:00:00',6004),(541,'FRAA','AUSA','2016-12-23 20:00:00','2016-12-23 23:00:00',6005),(542,'FRAA','BOSA','2016-12-24 21:30:00','2016-12-25 01:00:00',6006),(543,'FRAA','CANA','2016-12-25 23:00:00','2016-12-26 03:00:00',6007),(544,'FRAA','DUBA','2016-12-27 00:30:00','2016-12-27 05:00:00',6008),(545,'FRAA','GERA','2016-12-28 02:00:00','2016-12-28 07:00:00',6009),(546,'FRAA','ITYA','2016-12-29 03:30:00','2016-12-29 09:00:00',6010),(547,'FRAA','JFKA','2016-12-30 05:00:00','2016-12-30 11:00:00',6011),(548,'FRAA','JPNA','2016-12-31 06:30:00','2016-12-31 13:00:00',6012),(549,'FRAA','MAAA','2016-12-15 09:00:00','2016-12-15 16:00:00',6013),(550,'FRAA','SWTA','2016-12-16 09:30:00','2016-12-16 17:00:00',6014),(551,'GERA','BOSA','2016-12-17 10:00:00','2016-12-17 18:00:00',6015),(552,'GERA','CANA','2016-12-18 10:30:00','2016-12-18 15:30:00',6016),(553,'GERA','DUBA','2016-12-19 11:00:00','2016-12-19 14:30:00',6017),(554,'GERA','FRAA','2016-12-20 11:30:00','2016-12-20 12:30:00',6018),(555,'GERA','ITYA','2016-12-21 12:00:00','2016-12-21 13:30:00',6019),(556,'GERA','JFKA','2016-12-22 12:30:00','2016-12-22 14:30:00',6020),(557,'GERA','JPNA','2016-12-23 13:00:00','2016-12-23 15:30:00',6021),(558,'GERA','MAAA','2016-12-24 13:30:00','2016-12-24 16:30:00',6022),(559,'GERA','SWTA','2016-12-25 14:00:00','2016-12-25 17:30:00',6023),(560,'ITYA','BOSA','2016-12-26 14:30:00','2016-12-26 18:30:00',6024),(561,'ITYA','CANA','2016-12-27 15:00:00','2016-12-27 19:30:00',6025),(562,'ITYA','DUBA','2016-12-28 15:30:00','2016-12-28 20:30:00',6026),(563,'ITYA','FRAA','2016-12-29 16:00:00','2016-12-29 21:30:00',6027),(564,'ITYA','GERA','2016-12-30 16:30:00','2016-12-30 22:30:00',6028),(565,'ITYA','JFKA','2016-12-16 16:30:00','2016-12-16 23:00:00',6029),(566,'ITYA','JPNA','2016-12-17 18:15:00','2016-12-18 01:15:00',6030),(567,'ITYA','MAAA','2016-12-18 20:00:00','2016-12-19 03:30:00',6031),(568,'ITYA','SWTA','2016-12-19 21:45:00','2016-12-20 05:45:00',6032),(569,'JFKA','BOSA','2016-12-20 23:30:00','2016-12-21 00:30:00',6033),(570,'JFKA','CANA','2016-12-22 01:15:00','2016-12-22 02:45:00',6034),(571,'JFKA','DUBA','2016-12-23 03:00:00','2016-12-23 05:00:00',6035),(572,'JFKA','FRAA','2016-12-24 04:45:00','2016-12-24 07:15:00',6036),(573,'JFKA','GERA','2016-12-25 06:30:00','2016-12-25 09:30:00',6001),(574,'JFKA','ITYA','2016-12-26 08:15:00','2016-12-26 11:45:00',6002),(575,'JFKA','JPNA','2016-12-27 10:00:00','2016-12-27 14:00:00',6003),(576,'JFKA','MAAA','2016-12-28 11:45:00','2016-12-28 16:15:00',6004),(577,'JFKA','SWTA','2016-12-29 13:30:00','2016-12-29 18:30:00',6005),(578,'JPNA','BOSA','2016-12-30 15:15:00','2016-12-30 20:45:00',6006),(579,'JPNA','CANA','2016-12-31 17:00:00','2016-12-31 23:00:00',6007),(580,'JPNA','DUBA','2016-12-16 18:45:00','2016-12-17 01:15:00',6008),(581,'JPNA','FRAA','2016-12-17 19:15:00','2016-12-18 02:15:00',6009),(582,'JPNA','GERA','2016-12-18 19:45:00','2016-12-19 03:15:00',6010),(583,'JPNA','ITYA','2016-12-19 20:15:00','2016-12-20 04:15:00',6011),(584,'JPNA','JFKA','2016-12-20 20:45:00','2016-12-21 01:45:00',6012),(585,'JPNA','MAAA','2016-12-21 21:15:00','2016-12-22 01:45:00',6013),(586,'JPNA','SWTA','2016-12-22 21:45:00','2016-12-22 22:45:00',6014),(587,'MAAA','AUSA','2016-12-23 22:15:00','2016-12-23 23:45:00',6015),(588,'MAAA','BOSA','2016-12-24 22:45:00','2016-12-25 00:45:00',6016),(589,'MAAA','CANA','2016-12-25 23:15:00','2016-12-26 01:45:00',6017),(590,'MAAA','DUBA','2016-12-26 23:45:00','2016-12-27 02:45:00',6018),(591,'MAAA','FRAA','2016-12-28 00:15:00','2016-12-28 03:45:00',6019),(592,'MAAA','GERA','2016-12-29 00:45:00','2016-12-29 04:45:00',6020),(593,'MAAA','ITYA','2016-12-30 01:15:00','2016-12-30 05:45:00',6021),(594,'MAAA','JFKA','2016-12-31 01:45:00','2016-12-31 06:45:00',6022),(595,'MAAA','JPNA','2016-12-16 23:45:00','2016-12-17 05:15:00',6023),(596,'MAAA','SWTA','2016-12-18 00:15:00','2016-12-18 06:15:00',6024),(597,'SWTA','AUSA','2016-12-19 00:45:00','2016-12-19 07:15:00',6025),(598,'SWTA','BOSA','2016-12-20 01:15:00','2016-12-20 08:15:00',6026),(599,'SWTA','CANA','2016-12-21 01:45:00','2016-12-21 09:15:00',6027),(600,'SWTA','DUBA','2016-12-22 02:15:00','2016-12-22 10:15:00',6028),(601,'SWTA','FRAA','2016-12-23 02:45:00','2016-12-23 04:45:00',6029),(602,'SWTA','GERA','2016-12-24 01:15:00','2016-12-24 03:45:00',6030),(603,'SWTA','ITYA','2016-12-25 03:45:00','2016-12-25 04:45:00',6031),(604,'SWTA','JFKA','2016-12-26 04:15:00','2016-12-26 05:45:00',6032),(605,'SWTA','JPNA','2016-12-27 04:45:00','2016-12-27 06:45:00',6033),(606,'SWTA','MAAA','2016-12-28 05:15:00','2016-12-28 07:45:00',6034),(607,'AUSA','BOSA','2016-12-22 11:00:00','2016-12-22 12:30:00',6035),(608,'AUSA','CANA','2016-12-23 12:30:00','2016-12-23 14:30:00',6036),(609,'AUSA','DUBA','2016-12-24 14:00:00','2016-12-24 16:30:00',6001),(610,'AUSA','FRAA','2016-12-25 15:30:00','2016-12-25 18:30:00',6002),(611,'AUSA','GERA','2016-12-26 17:00:00','2016-12-26 20:30:00',6003),(612,'AUSA','ITYA','2016-12-27 18:30:00','2016-12-27 22:30:00',6004),(613,'AUSA','JFKA','2016-12-28 20:00:00','2016-12-29 00:30:00',6005),(614,'AUSA','JPNA','2016-12-29 21:30:00','2016-12-30 02:30:00',6006),(615,'AUSA','MAAA','2016-12-30 23:00:00','2016-12-31 04:30:00',6007),(616,'AUSA','SWTA','2017-01-01 00:30:00','2017-01-01 06:30:00',6008),(617,'BOSA','AUSA','2016-12-13 05:00:00','2016-12-13 11:30:00',6009),(618,'BOSA','CANA','2016-12-14 06:30:00','2016-12-14 13:30:00',6010),(619,'BOSA','DUBA','2016-12-15 08:00:00','2016-12-15 15:30:00',6011),(620,'BOSA','FRAA','2016-12-16 09:30:00','2016-12-16 17:30:00',6012),(621,'BOSA','GERA','2016-12-17 11:00:00','2016-12-17 11:00:00',6013),(622,'BOSA','ITYA','2016-12-18 12:30:00','2016-12-18 13:00:00',6014),(623,'BOSA','JFKA','2016-12-19 14:00:00','2016-12-19 15:00:00',6015),(624,'BOSA','JPNA','2016-12-20 15:30:00','2016-12-20 17:00:00',6016),(625,'BOSA','MAAA','2016-12-21 17:00:00','2016-12-21 19:00:00',6017),(626,'BOSA','SWTA','2016-12-22 18:30:00','2016-12-22 21:00:00',6018),(627,'BOSA','MAAA','2016-12-20 18:00:00','2016-12-20 22:30:00',6019),(628,'GERA','ITYA','2016-12-21 22:00:00','2016-12-21 23:30:00',6020),(629,'FRAA','SWTA','2016-12-16 19:30:00','2016-12-17 03:00:00',6021),(630,'MAAA','BOSA','2016-12-24 09:45:00','2016-12-24 11:45:00',6022),(631,'FRAA','AUSA','2016-12-01 05:00:00','2016-12-01 07:30:00',6023),(632,'FRAA','BOSA','2016-12-02 06:30:00','2016-12-02 11:00:00',6024),(633,'FRAA','CANA','2016-12-03 08:00:00','2016-12-03 09:00:00',6025),(634,'FRAA','DUBA','2016-12-04 09:30:00','2016-12-04 11:00:00',6026),(635,'FRAA','GERA','2016-12-05 11:00:00','2016-12-05 13:00:00',6027),(636,'FRAA','ITYA','2016-12-06 12:30:00','2016-12-06 15:00:00',6028),(637,'FRAA','JFKA','2016-12-07 14:00:00','2016-12-07 17:00:00',6029),(638,'FRAA','JPNA','2016-12-08 15:30:00','2016-12-08 19:00:00',6030),(639,'FRAA','MAAA','2016-12-09 17:00:00','2016-12-09 21:00:00',6031),(640,'FRAA','SWTA','2016-12-10 18:30:00','2016-12-10 23:00:00',6032),(641,'GERA','BOSA','2016-12-11 20:00:00','2016-12-12 01:00:00',6033),(642,'GERA','CANA','2016-12-12 21:30:00','2016-12-13 03:00:00',6034),(643,'GERA','DUBA','2016-12-13 23:00:00','2016-12-14 05:00:00',6035),(644,'GERA','FRAA','2016-12-15 00:30:00','2016-12-15 07:00:00',6036),(645,'GERA','ITYA','2016-12-16 02:00:00','2016-12-16 09:00:00',6001),(646,'GERA','JFKA','2016-12-17 03:30:00','2016-12-17 11:00:00',6002),(647,'GERA','JPNA','2016-12-18 05:00:00','2016-12-18 13:00:00',6003),(648,'GERA','MAAA','2016-12-19 06:30:00','2016-12-19 11:30:00',6004),(649,'GERA','SWTA','2016-12-20 08:00:00','2016-12-20 12:30:00',6005),(650,'ITYA','BOSA','2016-12-21 09:30:00','2016-12-21 10:30:00',6006);

/\*!40000 ALTER TABLE `flightschedule` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `flightstatus`

--

DROP TABLE IF EXISTS `flightstatus`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `flightstatus` (

`Flight\_Status\_ID` int(11) NOT NULL,

`Flight\_Status\_Name` enum('On Time','Delayed','OnBoarding','Arrived','Departed','Cancelled') NOT NULL,

PRIMARY KEY (`Flight\_Status\_ID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `flightstatus`

--

LOCK TABLES `flightstatus` WRITE;

/\*!40000 ALTER TABLE `flightstatus` DISABLE KEYS \*/;

INSERT INTO `flightstatus` VALUES (901,'On Time'),(902,'Delayed'),(903,'OnBoarding'),(904,'Arrived'),(905,'Departed'),(906,'Cancelled');

/\*!40000 ALTER TABLE `flightstatus` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `offers`

--

DROP TABLE IF EXISTS `offers`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `offers` (

`Offers\_ID` int(11) NOT NULL,

`Customer\_Type` enum('Student','Tourist','Business','Employment','Others') NOT NULL,

`Rewards\_Static\_Points` int(11) NOT NULL,

`Travel\_Class\_Name` enum('First Class','Business Class','Economy Class') NOT NULL,

PRIMARY KEY (`Offers\_ID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `offers`

--

LOCK TABLES `offers` WRITE;

/\*!40000 ALTER TABLE `offers` DISABLE KEYS \*/;

INSERT INTO `offers` VALUES (11001,'Student',1500,'First Class'),(11002,'Tourist',300,'First Class'),(11003,'Business',2000,'First Class'),(11004,'Employment',1300,'First Class'),(11005,'Others',900,'First Class'),(11006,'Student',1000,'Business Class'),(11007,'Tourist',200,'Business Class'),(11008,'Business',1500,'Business Class'),(11009,'Employment',1000,'Business Class'),(11010,'Others',600,'Business Class'),(11011,'Student',500,'Economy Class'),(11012,'Tourist',100,'Economy Class'),(11013,'Business',1000,'Economy Class'),(11014,'Employment',700,'Economy Class'),(11015,'Others',300,'Economy Class');

/\*!40000 ALTER TABLE `offers` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `person`

--

DROP TABLE IF EXISTS `person`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `person` (

`Person\_ID` int(11) NOT NULL,

`Person\_Type` enum('Customer','Employee') NOT NULL,

`First\_Name` varchar(45) NOT NULL,

`Middle\_Name` varchar(10) DEFAULT NULL,

`Last\_Name` varchar(45) NOT NULL,

`Passport\_No` varchar(10) NOT NULL,

`Mobile\_No` varchar(10) NOT NULL,

`Email\_ID` varchar(60) NOT NULL,

PRIMARY KEY (`Person\_ID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `person`

--

LOCK TABLES `person` WRITE;

/\*!40000 ALTER TABLE `person` DISABLE KEYS \*/;

INSERT INTO `person` VALUES (1001,'Customer','Malick','S','Sayeed','G123455','9962287286','malickfairoz@gmail.com'),(1002,'Customer','Fairoz','M','Abuthahir','N123454','9962287287','malickfairoz@ymail.com'),(1003,'Customer','Joseph','V','Vinitan','K341234','9962287288','joseph@gmail.com'),(1004,'Customer','Arshad','EA','Mohammed','J837392','9962287289','arshad@gmail.com'),(1005,'Customer','Jack','J','Jil','J345345','9962287290','jack@gmail.com'),(1006,'Customer','Mani','K','Kandan','K342322','9962287291','mani@gmail.com'),(1007,'Customer','Akil','A','Kondan','P323423','9962287292','akil@gmail.com'),(1008,'Customer','Adil','A','koda','A453423','9962287293','adil@gmail.com'),(1009,'Customer','Thanama','E','Kapour','K342323','9962287294','Thanama@gmail.com'),(1010,'Customer','Archana','F','Meema','P323424','9962287295','Archana@gmail.com'),(1011,'Customer','Rohit','A','Sharma','A453424','9962287296','Rohit@gmail.com'),(1012,'Customer','Manmohan','E','Sign','K342324','9962287297','Manmohan@gmail.com'),(1013,'Customer','Raghul','R','Ghanthi','P323425','9962287298','Raghul@gmail.com'),(1014,'Customer','Modi','Y','Narenther','A453425','9962287299','Modi@gmail.com'),(1015,'Customer','Karunanithi','I','Kalaignar','G123456','9962287300','Karunanithi@gmail.com'),(1016,'Customer','Jayalaitha','U','Selvi','N123455','9962287301','Jayalaitha@gmail.com'),(1017,'Customer','Obama','H','Barak','K341235','9962287302','Obama@gmail.com'),(1018,'Customer','Bush','J','George','J146702','9962287303','Bush@gmail.com'),(1019,'Customer','Trump','K','Donald','J638749','9962287304','Trump@gmail.com'),(1020,'Customer','Fadrick','L','Soloman','K342323','9962287305','Fadrick@gmail.com'),(1021,'Customer','Saiman','F','Pado','P323424','9962287306','Saiman@gmail.com'),(1022,'Customer','Mathew','G','Rex','A453424','9962287307','Mathew@gmail.com'),(1023,'Customer','RamKumar','R','Damo','K342324','9962287308','RamKumar@gmail.com'),(1024,'Customer','Pooja','D','Narasimhan','P323425','9962287309','Pooja@gmail.com'),(1025,'Customer','Naveen','H','Kumar','A453425','9962287310','Naveen@gmail.com'),(1026,'Customer','Ganesh','N','Ram','K342325','9962287311','Ganesh@gmail.com'),(1027,'Customer','Muthu','J','Kumar','P323426','9962287312','Muthu@gmail.com'),(1028,'Customer','Rajesh','P','Kuamar','A453426','9962287313','Rajesh@gmail.com'),(1029,'Customer','Bala','W','Ganesh','G123457','9962287314','Bala@gmail.com'),(1030,'Customer','Praveen','R','Puniyam','N123456','9962287315','Praveen@gmail.com'),(1031,'Customer','Mukesh','T','Ghanthi','K341236','9962287316','Mukesh@gmail.com'),(1032,'Customer','Ghanthi','J','Ramu','Y113079','9962287317','Ghanthi@gmail.com'),(1033,'Customer','Gopal','K','Vadi','Y162284','9962287318','Gopal@gmail.com'),(1034,'Customer','Dhrew','L','Bachan','K342324','9962287319','Dhrew@gmail.com'),(1035,'Customer','Bali','Q','Jothi','P323425','9962287320','Bali@gmail.com'),(1036,'Customer','Nithin','W','Hai','A453425','9962287321','Nithin@gmail.com'),(1037,'Customer','Sreevatsan','W','Polait','K342325','9962287322','Sreevatsan@gmail.com'),(1038,'Customer','Vignesh','R','Tremer','P323426','9962287323','Vignesh@gmail.com'),(1039,'Customer','Aparna','H','Arun','A453426','9962287324','Aparna@gmail.com'),(1040,'Customer','Magesh','J','Laxman','K342326','9962287325','Magesh@gmail.com'),(1041,'Customer','Mallirajan','I','Rajani','P323427','9962287326','Mallirajan@gmail.com'),(1042,'Customer','Vikadan','P','Book','A453427','9962287327','Vikadan@gmail.com'),(1043,'Customer','Thinathanthi','L','Paper','G123458','9962287328','Thinathanthi@gmail.com'),(1044,'Customer','Manirathnam','M','Director','N123457','9962287329','Manirathnam@gmail.com'),(1045,'Customer','Boobathi','N','Haiden','K341237','9962287330','Boobathi@gmail.com'),(1046,'Customer','Mallika','B','Arjun','Y211489','9962287331','Mallika@gmail.com'),(1047,'Customer','Tanmey','V','Madagasar','Y260693','9962287332','Tanmey@gmail.com'),(1048,'Customer','Mohoharan','C','Kumaran','K342325','9962287333','Mohoharan@gmail.com'),(1049,'Customer','Vishal','X','Actor','P323426','9962287334','Vishal@gmail.com'),(1050,'Customer','Deiva','Z','Pallikondas','A453426','9962287335','Deiva@gmail.com'),(2001,'Employee','Austin','G','Noah','U747474','9962287336','austin@gmail.com'),(2002,'Employee','Jagan','N','Sai','H345023','9962287337','jagan@gmail.com'),(2003,'Employee','Logesh','K','Padavatamman','J038394','9962287338','logesh@gmail.com'),(2004,'Employee','Raja','EA','Elangovan','Y823482','9962287339','raja@gmail.com'),(2005,'Employee','Naga','N','Rajan','Z848474','8374950294','naga@gmail.com');

/\*!40000 ALTER TABLE `person` ENABLE KEYS \*/;

UNLOCK TABLES;

/\*!50003 SET @saved\_cs\_client = @@character\_set\_client \*/ ;

/\*!50003 SET @saved\_cs\_results = @@character\_set\_results \*/ ;

/\*!50003 SET @saved\_col\_connection = @@collation\_connection \*/ ;

/\*!50003 SET character\_set\_client = utf8 \*/ ;

/\*!50003 SET character\_set\_results = utf8 \*/ ;

/\*!50003 SET collation\_connection = utf8\_general\_ci \*/ ;

/\*!50003 SET @saved\_sql\_mode = @@sql\_mode \*/ ;

/\*!50003 SET sql\_mode = 'STRICT\_TRANS\_TABLES,NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION' \*/ ;

DELIMITER ;;

/\*!50003 CREATE\*/ /\*!50017 DEFINER=`root`@`localhost`\*/ /\*!50003 TRIGGER `airticket`.`person\_AFTER\_INSERT` AFTER INSERT ON `person` FOR EACH ROW

BEGIN

if new.person\_type = 'Customer' then

INSERT INTO customers (person\_id) values (new.person\_id);

end if;

END \*/;;

DELIMITER ;

/\*!50003 SET sql\_mode = @saved\_sql\_mode \*/ ;

/\*!50003 SET character\_set\_client = @saved\_cs\_client \*/ ;

/\*!50003 SET character\_set\_results = @saved\_cs\_results \*/ ;

/\*!50003 SET collation\_connection = @saved\_col\_connection \*/ ;

--

-- Table structure for table `ticketprice`

--

DROP TABLE IF EXISTS `ticketprice`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `ticketprice` (

`Flight\_ID` int(11) NOT NULL,

`Aircraft\_ID` int(11) NOT NULL,

`Seat\_ID` varchar(5) NOT NULL,

`Seat\_Price\_USD` int(11) NOT NULL,

PRIMARY KEY (`Flight\_ID`,`Aircraft\_ID`,`Seat\_ID`),

KEY `Aircraft\_ID\_FK\_idx` (`Aircraft\_ID`,`Seat\_ID`),

CONSTRAINT `Aircraft\_Seat\_ID\_FK` FOREIGN KEY (`Aircraft\_ID`, `Seat\_ID`) REFERENCES `aircraftseat` (`Aircraft\_ID`, `Seat\_ID`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `Flight\_ID\_FK` FOREIGN KEY (`Flight\_ID`) REFERENCES `flight` (`Flight\_ID`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `ticketprice`

--

LOCK TABLES `ticketprice` WRITE;

/\*!40000 ALTER TABLE `ticketprice` DISABLE KEYS \*/;

INSERT INTO `ticketprice` VALUES (6001,5001,'B1',1000),(6001,5001,'B10',1090),(6001,5001,'B11',1400),(6001,5001,'B12',1490),(6001,5001,'B13',1410),(6001,5001,'B14',1420),(6001,5001,'B15',1430),(6001,5001,'B16',1440),(6001,5001,'B17',1450),(6001,5001,'B18',1460),(6001,5001,'B19',1470),(6001,5001,'B2',1010),(6001,5001,'B20',1480),(6001,5001,'B3',1020),(6001,5001,'B4',1030),(6001,5001,'B5',1040),(6001,5001,'B6',1050),(6001,5001,'B7',1060),(6001,5001,'B8',1070),(6001,5001,'B9',1080),(6001,5001,'E1',1100),(6001,5001,'E10',1190),(6001,5001,'E11',1300),(6001,5001,'E12',1390),(6001,5001,'E13',1310),(6001,5001,'E14',1320),(6001,5001,'E15',1330),(6001,5001,'E16',1340),(6001,5001,'E17',1350),(6001,5001,'E18',1360),(6001,5001,'E19',1370),(6001,5001,'E2',1110),(6001,5001,'E20',1380),(6001,5001,'E3',1120),(6001,5001,'E4',1130),(6001,5001,'E5',1140),(6001,5001,'E6',1150),(6001,5001,'E7',1160),(6001,5001,'E8',1170),(6001,5001,'E9',1180),(6001,5001,'F1',9000),(6001,5001,'F10',9500),(6001,5001,'F2',9500),(6001,5001,'F3',8900),(6001,5001,'F4',9000),(6001,5001,'F5',8000),(6001,5001,'F6',8500),(6001,5001,'F7',8000),(6001,5001,'F8',9000),(6001,5001,'F9',8000),(6002,5002,'B1',1700),(6002,5002,'B10',1790),(6002,5002,'B11',1600),(6002,5002,'B12',1690),(6002,5002,'B13',1610),(6002,5002,'B14',1620),(6002,5002,'B15',1630),(6002,5002,'B16',1640),(6002,5002,'B17',1650),(6002,5002,'B18',1660),(6002,5002,'B19',1670),(6002,5002,'B2',1710),(6002,5002,'B20',1680),(6002,5002,'B3',1720),(6002,5002,'B4',1730),(6002,5002,'B5',1740),(6002,5002,'B6',1750),(6002,5002,'B7',1760),(6002,5002,'B8',1770),(6002,5002,'B9',1780),(6002,5002,'E1',1500),(6002,5002,'E10',1590),(6002,5002,'E11',1200),(6002,5002,'E12',1290),(6002,5002,'E13',1210),(6002,5002,'E14',1220),(6002,5002,'E15',1230),(6002,5002,'E16',1240),(6002,5002,'E17',1250),(6002,5002,'E18',1260),(6002,5002,'E19',1270),(6002,5002,'E2',1510),(6002,5002,'E20',1280),(6002,5002,'E3',1520),(6002,5002,'E4',1530),(6002,5002,'E5',1540),(6002,5002,'E6',1550),(6002,5002,'E7',1560),(6002,5002,'E8',1570),(6002,5002,'E9',1580),(6002,5002,'F1',1900),(6002,5002,'F10',1990),(6002,5002,'F2',1910),(6002,5002,'F3',1920),(6002,5002,'F4',1930),(6002,5002,'F5',1940),(6002,5002,'F6',1950),(6002,5002,'F7',1960),(6002,5002,'F8',1970),(6002,5002,'F9',1980),(6003,5003,'B1',2200),(6003,5003,'B10',2210),(6003,5003,'B11',1800),(6003,5003,'B12',1890),(6003,5003,'B13',1810),(6003,5003,'B14',1820),(6003,5003,'B15',1830),(6003,5003,'B16',1840),(6003,5003,'B17',1850),(6003,5003,'B18',1860),(6003,5003,'B19',1870),(6003,5003,'B2',2220),(6003,5003,'B20',1880),(6003,5003,'B3',2230),(6003,5003,'B4',2240),(6003,5003,'B5',2300),(6003,5003,'B6',2310),(6003,5003,'B7',2320),(6003,5003,'B8',2330),(6003,5003,'B9',2340),(6003,5003,'E1',2100),(6003,5003,'E10',2110),(6003,5003,'E11',2000),(6003,5003,'E12',2090),(6003,5003,'E13',2010),(6003,5003,'E14',2020),(6003,5003,'E15',2030),(6003,5003,'E16',2040),(6003,5003,'E17',2050),(6003,5003,'E18',2060),(6003,5003,'E19',2070),(6003,5003,'E2',2120),(6003,5003,'E20',2080),(6003,5003,'E3',2130),(6003,5003,'E4',2140),(6003,5003,'E5',2500),(6003,5003,'E6',2510),(6003,5003,'E7',2520),(6003,5003,'E8',2530),(6003,5003,'E9',2540),(6003,5003,'F1',2600),(6003,5003,'F10',2610),(6003,5003,'F2',2620),(6003,5003,'F3',2630),(6003,5003,'F4',2640),(6003,5003,'F5',2400),(6003,5003,'F6',2410),(6003,5003,'F7',2420),(6003,5003,'F8',2430),(6003,5003,'F9',2440),(6004,5004,'B1',2800),(6004,5004,'B10',2810),(6004,5004,'B11',3500),(6004,5004,'B12',3590),(6004,5004,'B13',3510),(6004,5004,'B14',3520),(6004,5004,'B15',3530),(6004,5004,'B16',3540),(6004,5004,'B17',3550),(6004,5004,'B18',3560),(6004,5004,'B19',3570),(6004,5004,'B2',2820),(6004,5004,'B20',3580),(6004,5004,'B3',2830),(6004,5004,'B4',2840),(6004,5004,'B5',2900),(6004,5004,'B6',2910),(6004,5004,'B7',2920),(6004,5004,'B8',2930),(6004,5004,'B9',2940),(6004,5004,'E1',2700),(6004,5004,'E10',2710),(6004,5004,'E11',3400),(6004,5004,'E12',3490),(6004,5004,'E13',3410),(6004,5004,'E14',3420),(6004,5004,'E15',3430),(6004,5004,'E16',3440),(6004,5004,'E17',3450),(6004,5004,'E18',3460),(6004,5004,'E19',3470),(6004,5004,'E2',2720),(6004,5004,'E20',3480),(6004,5004,'E3',2730),(6004,5004,'E4',2740),(6004,5004,'E5',3100),(6004,5004,'E6',3110),(6004,5004,'E7',3120),(6004,5004,'E8',3130),(6004,5004,'E9',3140),(6004,5004,'F1',3200),(6004,5004,'F10',3210),(6004,5004,'F2',3220),(6004,5004,'F3',3230),(6004,5004,'F4',3240),(6004,5004,'F5',3000),(6004,5004,'F6',3010),(6004,5004,'F7',3020),(6004,5004,'F8',3030),(6004,5004,'F9',3040),(6005,5005,'B1',3300),(6005,5005,'B2',3390),(6005,5005,'B3',3310),(6005,5005,'B4',3320),(6005,5005,'B5',3330),(6005,5005,'E1',3340),(6005,5005,'E2',3350),(6005,5005,'E3',3360),(6005,5005,'E4',3370),(6005,5005,'E5',3380),(6005,5005,'F1',3700),(6005,5005,'F2',3790),(6005,5005,'F3',3710),(6005,5005,'F4',3720),(6005,5005,'F5',3730),(6006,5006,'B1',3740),(6006,5006,'B2',3750),(6006,5006,'B3',3760),(6006,5006,'B4',3770),(6006,5006,'B5',3780),(6006,5006,'E1',3800),(6006,5006,'E2',3890),(6006,5006,'E3',3810),(6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035,5011,'E2',2000),(6035,5011,'E3',2090),(6035,5011,'E4',2000),(6035,5011,'E5',2090),(6035,5011,'E6',2000),(6035,5011,'E7',2090),(6035,5011,'E8',2000),(6035,5011,'E9',2090),(6035,5011,'F1',1100),(6035,5011,'F10',1190),(6035,5011,'F2',1110),(6035,5011,'F3',1120),(6035,5011,'F4',1130),(6035,5011,'F5',1140),(6035,5011,'F6',1150),(6035,5011,'F7',1160),(6035,5011,'F8',1170),(6035,5011,'F9',1180),(6036,5012,'B1',9000),(6036,5012,'B10',9500),(6036,5012,'B2',9500),(6036,5012,'B3',8900),(6036,5012,'B4',9000),(6036,5012,'B5',8000),(6036,5012,'B6',8500),(6036,5012,'B7',8000),(6036,5012,'B8',9000),(6036,5012,'B9',8000),(6036,5012,'E1',2000),(6036,5012,'E10',2090),(6036,5012,'E2',2000),(6036,5012,'E3',2090),(6036,5012,'E4',2000),(6036,5012,'E5',2090),(6036,5012,'E6',2000),(6036,5012,'E7',2090),(6036,5012,'E8',2000),(6036,5012,'E9',2090),(6036,5012,'F1',1100),(6036,5012,'F10',1190),(6036,5012,'F2',1110),(6036,5012,'F3',1120),(6036,5012,'F4',1130),(6036,5012,'F5',1140),(6036,5012,'F6',1150),(6036,5012,'F7',1160),(6036,5012,'F8',1170),(6036,5012,'F9',1180);

/\*!40000 ALTER TABLE `ticketprice` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `travelclass`

--

DROP TABLE IF EXISTS `travelclass`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `travelclass` (

`Travel\_Class\_ID` int(11) NOT NULL,

`Travel\_Class\_Name` enum('First Class','Business Class','Economy Class') NOT NULL,

`Features` varchar(10) NOT NULL,

PRIMARY KEY (`Travel\_Class\_ID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `travelclass`

--

LOCK TABLES `travelclass` WRITE;

/\*!40000 ALTER TABLE `travelclass` DISABLE KEYS \*/;

INSERT INTO `travelclass` VALUES (7001,'First Class','Wifi'),(7002,'Business Class','Music'),(7003,'Economy Class','Meals');

/\*!40000 ALTER TABLE `travelclass` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `traveldirection`

--

DROP TABLE IF EXISTS `traveldirection`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `traveldirection` (

`Orgin\_Airport\_ID` char(5) NOT NULL,

`Destination\_Airport\_ID` char(5) NOT NULL,

PRIMARY KEY (`Orgin\_Airport\_ID`,`Destination\_Airport\_ID`),

KEY `Destination\_Airport\_FK\_idx` (`Destination\_Airport\_ID`),

CONSTRAINT `Destination\_Atraveldirectionirport\_FK` FOREIGN KEY (`Destination\_Airport\_ID`) REFERENCES `airport` (`Airport\_ID`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `Orgin\_Airport\_FK` FOREIGN KEY (`Orgin\_Airport\_ID`) REFERENCES `airport` (`Airport\_ID`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `traveldirection`

--

LOCK TABLES `traveldirection` WRITE;

/\*!40000 ALTER TABLE `traveldirection` DISABLE KEYS \*/;

INSERT INTO `traveldirection` VALUES ('BOSA','AUSA'),('CANA','AUSA'),('DUBA','AUSA'),('FRAA','AUSA'),('MAAA','AUSA'),('SWTA','AUSA'),('AUSA','BOSA'),('CANA','BOSA'),('DUBA','BOSA'),('FRAA','BOSA'),('GERA','BOSA'),('ITYA','BOSA'),('JFKA','BOSA'),('JPNA','BOSA'),('MAAA','BOSA'),('SWTA','BOSA'),('AUSA','CANA'),('BOSA','CANA'),('DUBA','CANA'),('FRAA','CANA'),('GERA','CANA'),('ITYA','CANA'),('JFKA','CANA'),('JPNA','CANA'),('MAAA','CANA'),('SWTA','CANA'),('AUSA','DUBA'),('BOSA','DUBA'),('CANA','DUBA'),('FRAA','DUBA'),('GERA','DUBA'),('ITYA','DUBA'),('JFKA','DUBA'),('JPNA','DUBA'),('MAAA','DUBA'),('SWTA','DUBA'),('AUSA','FRAA'),('BOSA','FRAA'),('CANA','FRAA'),('DUBA','FRAA'),('GERA','FRAA'),('ITYA','FRAA'),('JFKA','FRAA'),('JPNA','FRAA'),('MAAA','FRAA'),('SWTA','FRAA'),('AUSA','GERA'),('BOSA','GERA'),('CANA','GERA'),('DUBA','GERA'),('FRAA','GERA'),('ITYA','GERA'),('JFKA','GERA'),('JPNA','GERA'),('MAAA','GERA'),('SWTA','GERA'),('AUSA','ITYA'),('BOSA','ITYA'),('CANA','ITYA'),('DUBA','ITYA'),('FRAA','ITYA'),('GERA','ITYA'),('JFKA','ITYA'),('JPNA','ITYA'),('MAAA','ITYA'),('SWTA','ITYA'),('AUSA','JFKA'),('BOSA','JFKA'),('CANA','JFKA'),('DUBA','JFKA'),('FRAA','JFKA'),('GERA','JFKA'),('ITYA','JFKA'),('JPNA','JFKA'),('MAAA','JFKA'),('SWTA','JFKA'),('AUSA','JPNA'),('BOSA','JPNA'),('CANA','JPNA'),('DUBA','JPNA'),('FRAA','JPNA'),('GERA','JPNA'),('ITYA','JPNA'),('JFKA','JPNA'),('MAAA','JPNA'),('SWTA','JPNA'),('AUSA','MAAA'),('BOSA','MAAA'),('CANA','MAAA'),('DUBA','MAAA'),('FRAA','MAAA'),('GERA','MAAA'),('ITYA','MAAA'),('JFKA','MAAA'),('JPNA','MAAA'),('SWTA','MAAA'),('AUSA','SWTA'),('BOSA','SWTA'),('CANA','SWTA'),('DUBA','SWTA'),('FRAA','SWTA'),('GERA','SWTA'),('ITYA','SWTA'),('JFKA','SWTA'),('JPNA','SWTA'),('MAAA','SWTA');

/\*!40000 ALTER TABLE `traveldirection` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Temporary view structure for view `viewarshad`

--

DROP TABLE IF EXISTS `viewarshad`;

/\*!50001 DROP VIEW IF EXISTS `viewarshad`\*/;

SET @saved\_cs\_client = @@character\_set\_client;

SET character\_set\_client = utf8;

/\*!50001 CREATE VIEW `viewarshad` AS SELECT

1 AS `Booking Number`,

1 AS `Customer Number`,

1 AS `Flight Number`,

1 AS `Aircraft Number`,

1 AS `Seat Number`,

1 AS `Schedule Number`,

1 AS `Booking Date`\*/;

SET character\_set\_client = @saved\_cs\_client;

--

-- Temporary view structure for view `viewbookinghistory`

--

DROP TABLE IF EXISTS `viewbookinghistory`;

/\*!50001 DROP VIEW IF EXISTS `viewbookinghistory`\*/;

SET @saved\_cs\_client = @@character\_set\_client;

SET character\_set\_client = utf8;

/\*!50001 CREATE VIEW `viewbookinghistory` AS SELECT

1 AS `Booking Number`,

1 AS `Flight`,

1 AS `Customer ID`,

1 AS `Customer Name`,

1 AS `Travel Class`,

1 AS `Seat Number`,

1 AS `From`,

1 AS `To`,

1 AS `Depature`,

1 AS `Arrival`,

1 AS `Duration`\*/;

SET character\_set\_client = @saved\_cs\_client;

--

-- Temporary view structure for view `viewcustomerpoints`

--

DROP TABLE IF EXISTS `viewcustomerpoints`;

/\*!50001 DROP VIEW IF EXISTS `viewcustomerpoints`\*/;

SET @saved\_cs\_client = @@character\_set\_client;

SET character\_set\_client = utf8;

/\*!50001 CREATE VIEW `viewcustomerpoints` AS SELECT

1 AS `Customer\_ID`,

1 AS `Customer Name`,

1 AS `Total Points`\*/;

SET character\_set\_client = @saved\_cs\_client;

--

-- Temporary view structure for view `viewjack`

--

DROP TABLE IF EXISTS `viewjack`;

/\*!50001 DROP VIEW IF EXISTS `viewjack`\*/;

SET @saved\_cs\_client = @@character\_set\_client;

SET character\_set\_client = utf8;

/\*!50001 CREATE VIEW `viewjack` AS SELECT

1 AS `Booking Number`,

1 AS `Customer Number`,

1 AS `Flight Number`,

1 AS `Aircraft Number`,

1 AS `Seat Number`,

1 AS `Schedule Number`,

1 AS `Booking Date`\*/;

SET character\_set\_client = @saved\_cs\_client;

--

-- Temporary view structure for view `viewjoseph`

--

DROP TABLE IF EXISTS `viewjoseph`;

/\*!50001 DROP VIEW IF EXISTS `viewjoseph`\*/;

SET @saved\_cs\_client = @@character\_set\_client;

SET character\_set\_client = utf8;

/\*!50001 CREATE VIEW `viewjoseph` AS SELECT

1 AS `Booking Number`,

1 AS `Customer Number`,

1 AS `Flight Number`,

1 AS `Aircraft Number`,

1 AS `Seat Number`,

1 AS `Schedule Number`,

1 AS `Booking Date`\*/;

SET character\_set\_client = @saved\_cs\_client;

--

-- Temporary view structure for view `viewmalick`

--

DROP TABLE IF EXISTS `viewmalick`;

/\*!50001 DROP VIEW IF EXISTS `viewmalick`\*/;

SET @saved\_cs\_client = @@character\_set\_client;

SET character\_set\_client = utf8;

/\*!50001 CREATE VIEW `viewmalick` AS SELECT

1 AS `Booking Number`,

1 AS `Customer Number`,

1 AS `Flight Number`,

1 AS `Aircraft Number`,

1 AS `Seat Number`,

1 AS `Schedule Number`,

1 AS `Booking Date`\*/;

SET character\_set\_client = @saved\_cs\_client;

--

-- Temporary view structure for view `viewmani`

--

DROP TABLE IF EXISTS `viewmani`;

/\*!50001 DROP VIEW IF EXISTS `viewmani`\*/;

SET @saved\_cs\_client = @@character\_set\_client;

SET character\_set\_client = utf8;

/\*!50001 CREATE VIEW `viewmani` AS SELECT

1 AS `Booking Number`,

1 AS `Customer Number`,

1 AS `Flight Number`,

1 AS `Aircraft Number`,

1 AS `Seat Number`,

1 AS `Schedule Number`,

1 AS `Booking Date`\*/;

SET character\_set\_client = @saved\_cs\_client;

--

-- Dumping events for database 'airticket'

--

--

-- Dumping routines for database 'airticket'

--

/\*!50003 DROP PROCEDURE IF EXISTS `CheapFlightProc` \*/;

/\*!50003 SET @saved\_cs\_client = @@character\_set\_client \*/ ;

/\*!50003 SET @saved\_cs\_results = @@character\_set\_results \*/ ;

/\*!50003 SET @saved\_col\_connection = @@collation\_connection \*/ ;

/\*!50003 SET character\_set\_client = utf8 \*/ ;

/\*!50003 SET character\_set\_results = utf8 \*/ ;

/\*!50003 SET collation\_connection = utf8\_general\_ci \*/ ;

/\*!50003 SET @saved\_sql\_mode = @@sql\_mode \*/ ;

/\*!50003 SET sql\_mode = 'STRICT\_TRANS\_TABLES,NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION' \*/ ;

DELIMITER ;;

CREATE DEFINER=`root`@`localhost` PROCEDURE `CheapFlightProc`(in FromPlace varchar (20), in ToPlace varchar (20))

BEGIN

select f.flight\_name as 'Flight Name', a.city as 'From', a1.city as 'To', tp.Seat\_Price\_USD as 'Seat Price',

tc.Travel\_Class\_Name as 'Travel Class'

from flight f, ticketprice tp, flightschedule fs, airport a, airport a1, aircraftseat ase, travelclass tc

where

tp.Flight\_ID=f.Flight\_ID and

f.Flight\_ID=fs.Flight\_ID and

a.Airport\_ID=fs.Origin\_Airport\_ID and

a1.Airport\_ID=fs.Destination\_Airport\_ID and

tp.Aircraft\_ID=ase.Aircraft\_ID and

ase.Travel\_Class\_ID=tc.Travel\_Class\_ID and

tp.Seat\_ID=ase.Seat\_ID and

fs.Origin\_Airport\_ID=FromPlace and

fs.Destination\_Airport\_ID=ToPlace and

tp.Seat\_Price\_USD = (select min(tp.Seat\_Price\_USD) from ticketprice tp, flightschedule fs, flight f

where

fs.Origin\_Airport\_ID=FromPlace and

fs.Destination\_Airport\_ID=ToPlace and

tp.Flight\_ID=f.Flight\_ID and

f.Flight\_ID=fs.Flight\_ID);

END ;;

DELIMITER ;

/\*!50003 SET sql\_mode = @saved\_sql\_mode \*/ ;

/\*!50003 SET character\_set\_client = @saved\_cs\_client \*/ ;

/\*!50003 SET character\_set\_results = @saved\_cs\_results \*/ ;

/\*!50003 SET collation\_connection = @saved\_col\_connection \*/ ;

/\*!50003 DROP PROCEDURE IF EXISTS `OneWayBookingInfo` \*/;

/\*!50003 SET @saved\_cs\_client = @@character\_set\_client \*/ ;

/\*!50003 SET @saved\_cs\_results = @@character\_set\_results \*/ ;

/\*!50003 SET @saved\_col\_connection = @@collation\_connection \*/ ;

/\*!50003 SET character\_set\_client = utf8 \*/ ;

/\*!50003 SET character\_set\_results = utf8 \*/ ;

/\*!50003 SET collation\_connection = utf8\_general\_ci \*/ ;

/\*!50003 SET @saved\_sql\_mode = @@sql\_mode \*/ ;

/\*!50003 SET sql\_mode = 'STRICT\_TRANS\_TABLES,NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION' \*/ ;

DELIMITER ;;

CREATE DEFINER=`root`@`localhost` PROCEDURE `OneWayBookingInfo`(in fromPlace varchar(15), in toPlace varchar(15), in travelDate date, in classTravel varchar(15))

Begin

Select f.Flight\_id as 'Flight Number', fs.origin\_airport\_id as 'From', fs.destination\_airport\_id as 'To',

date(fs.Departure\_TimeStamp) as 'Departure Date', time(fs.Departure\_TimeStamp) as 'Departure Time',

tp.seat\_id as 'Seat Number', tp.seat\_price\_usd as 'Seat Price'

From

Flight f, FlightSchedule fs, TicketPrice tp, AircraftSeat ase, travelclass tc

Where

f.flight\_id = fs.flight\_id and

f.flight\_id = tp.flight\_id and

tp.Aircraft\_ID = ase.Aircraft\_ID and

tp.seat\_id = ase.Seat\_ID and

ase.Travel\_class\_id = tc.Travel\_Class\_ID and

tc.Travel\_Class\_Name = classTravel and

fs.origin\_airport\_id = fromPlace and

fs.destination\_airport\_id = toPlace and

date(fs.Departure\_TimeStamp) = travelDate and

tp.Seat\_ID not in (select Seat\_ID from FlightBooking where Schedule\_ID = fs.Schedule\_ID)

order by tp.seat\_price\_usd;

end ;;

DELIMITER ;

/\*!50003 SET sql\_mode = @saved\_sql\_mode \*/ ;

/\*!50003 SET character\_set\_client = @saved\_cs\_client \*/ ;

/\*!50003 SET character\_set\_results = @saved\_cs\_results \*/ ;

/\*!50003 SET collation\_connection = @saved\_col\_connection \*/ ;

/\*!50003 DROP PROCEDURE IF EXISTS `ProfileProc` \*/;

/\*!50003 SET @saved\_cs\_client = @@character\_set\_client \*/ ;

/\*!50003 SET @saved\_cs\_results = @@character\_set\_results \*/ ;

/\*!50003 SET @saved\_col\_connection = @@collation\_connection \*/ ;

/\*!50003 SET character\_set\_client = utf8 \*/ ;

/\*!50003 SET character\_set\_results = utf8 \*/ ;

/\*!50003 SET collation\_connection = utf8\_general\_ci \*/ ;

/\*!50003 SET @saved\_sql\_mode = @@sql\_mode \*/ ;

/\*!50003 SET sql\_mode = 'STRICT\_TRANS\_TABLES,NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION' \*/ ;

DELIMITER ;;

CREATE DEFINER=`root`@`localhost` PROCEDURE `ProfileProc`(in username int)

begin

Select

first\_name as 'First Name', p.Middle\_name as 'Middle Name', p.Last\_name as 'Last Name',

p.Person\_Type as 'Person Type',p.passport\_no as 'Passport Number',

p.mobile\_no as 'Mobile Number', p.email\_id as 'Email', concat(a.door\_no,',', a.street,',',a.city, '-',

a.zip\_code,',', a.state,',', c.country\_name) as 'Address', cu.rewards\_points as 'Total Points'

from person p, address a, countries c, customers cu

Where

p.person\_id=a.person\_Id and a.country\_code=c.country\_code and p.Person\_ID=username and p.Person\_ID=cu.person\_id;

End ;;

DELIMITER ;

/\*!50003 SET sql\_mode = @saved\_sql\_mode \*/ ;

/\*!50003 SET character\_set\_client = @saved\_cs\_client \*/ ;

/\*!50003 SET character\_set\_results = @saved\_cs\_results \*/ ;

/\*!50003 SET collation\_connection = @saved\_col\_connection \*/ ;

/\*!50003 DROP PROCEDURE IF EXISTS `TwoWayBookingInfo` \*/;

/\*!50003 SET @saved\_cs\_client = @@character\_set\_client \*/ ;

/\*!50003 SET @saved\_cs\_results = @@character\_set\_results \*/ ;

/\*!50003 SET @saved\_col\_connection = @@collation\_connection \*/ ;

/\*!50003 SET character\_set\_client = utf8 \*/ ;

/\*!50003 SET character\_set\_results = utf8 \*/ ;

/\*!50003 SET collation\_connection = utf8\_general\_ci \*/ ;

/\*!50003 SET @saved\_sql\_mode = @@sql\_mode \*/ ;

/\*!50003 SET sql\_mode = 'STRICT\_TRANS\_TABLES,NO\_AUTO\_CREATE\_USER,NO\_ENGINE\_SUBSTITUTION' \*/ ;

DELIMITER ;;

CREATE DEFINER=`root`@`localhost` PROCEDURE `TwoWayBookingInfo`(in fromPlace varchar(15), in toPlace varchar(15), in travelDate date, in classTravel varchar(15),

in returnDate date)

Begin

Select f.Flight\_id as 'Flight Number', fs.origin\_airport\_id as 'From', fs.destination\_airport\_id as 'To',

date(fs.Departure\_TimeStamp) as 'Departure Date', time(fs.Departure\_TimeStamp) as 'Departure Time',

tp.seat\_id as 'Seat Number', tp.seat\_price\_usd as 'Seat Price'

From

Flight f, FlightSchedule fs, TicketPrice tp, AircraftSeat ase, travelclass tc

Where

f.flight\_id = fs.flight\_id and

f.flight\_id = tp.flight\_id and

tp.Aircraft\_ID = ase.Aircraft\_ID and

tp.seat\_id = ase.Seat\_ID and

ase.Travel\_Class\_ID=tc.Travel\_Class\_ID and

tc.Travel\_class\_name = classTravel and

fs.origin\_airport\_id = fromPlace and

fs.destination\_airport\_id = toPlace and

date(fs.Departure\_TimeStamp) = travelDate and

tp.Seat\_ID not in (select Seat\_ID from FlightBooking where Schedule\_ID = fs.Schedule\_ID)

UNION ALL

Select f.Flight\_id as 'Flight Number', fs.origin\_airport\_id as 'From', fs.destination\_airport\_id as 'To',

date(fs.Departure\_TimeStamp) as 'Departure Date', time(fs.Departure\_TimeStamp) as 'Departure Time',

tp.seat\_id as 'Seat Number', tp.seat\_price\_usd as 'Seat Price'

From

Flight f, FlightSchedule fs, TicketPrice tp, AircraftSeat ase, travelclass tc

Where

f.flight\_id = fs.flight\_id and

f.flight\_id = tp.flight\_id and

tp.Aircraft\_ID = ase.Aircraft\_ID and

tp.seat\_id = ase.Seat\_ID and

ase.Travel\_Class\_ID=tc.Travel\_Class\_ID and

tc.Travel\_class\_name = classTravel and

fs.origin\_airport\_id = toPlace and

fs.destination\_airport\_id = fromPlace and

date(fs.Departure\_TimeStamp) = returnDate and

tp.Seat\_ID not in (select Seat\_ID from FlightBooking where Schedule\_ID = fs.Schedule\_ID);

end ;;

DELIMITER ;

/\*!50003 SET sql\_mode = @saved\_sql\_mode \*/ ;

/\*!50003 SET character\_set\_client = @saved\_cs\_client \*/ ;

/\*!50003 SET character\_set\_results = @saved\_cs\_results \*/ ;

/\*!50003 SET collation\_connection = @saved\_col\_connection \*/ ;

--

-- Final view structure for view `viewarshad`

--

/\*!50001 DROP VIEW IF EXISTS `viewarshad`\*/;

/\*!50001 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!50001 SET @saved\_cs\_results = @@character\_set\_results \*/;

/\*!50001 SET @saved\_col\_connection = @@collation\_connection \*/;

/\*!50001 SET character\_set\_client = utf8 \*/;

/\*!50001 SET character\_set\_results = utf8 \*/;

/\*!50001 SET collation\_connection = utf8\_general\_ci \*/;

/\*!50001 CREATE ALGORITHM=UNDEFINED \*/

/\*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER \*/

/\*!50001 VIEW `viewarshad` AS select `fb`.`Booking\_ID` AS `Booking Number`,`fb`.`Customer\_ID` AS `Customer Number`,`fb`.`Flight\_ID` AS `Flight Number`,`fb`.`Aircraft\_ID` AS `Aircraft Number`,`fb`.`Seat\_ID` AS `Seat Number`,`fb`.`Schedule\_ID` AS `Schedule Number`,`fb`.`Booking\_Date` AS `Booking Date` from `flightbooking` `fb` where ((`fb`.`Customer\_ID` = 4) and (not(`fb`.`Schedule\_ID` in (select `fs`.`Schedule\_ID` from `flightschedule` `fs` where (`fs`.`Departure\_TimeStamp` < cast(now() as date)))))) \*/;

/\*!50001 SET character\_set\_client = @saved\_cs\_client \*/;

/\*!50001 SET character\_set\_results = @saved\_cs\_results \*/;

/\*!50001 SET collation\_connection = @saved\_col\_connection \*/;

--

-- Final view structure for view `viewbookinghistory`

--

/\*!50001 DROP VIEW IF EXISTS `viewbookinghistory`\*/;

/\*!50001 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!50001 SET @saved\_cs\_results = @@character\_set\_results \*/;

/\*!50001 SET @saved\_col\_connection = @@collation\_connection \*/;

/\*!50001 SET character\_set\_client = utf8 \*/;

/\*!50001 SET character\_set\_results = utf8 \*/;

/\*!50001 SET collation\_connection = utf8\_general\_ci \*/;

/\*!50001 CREATE ALGORITHM=UNDEFINED \*/

/\*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER \*/

/\*!50001 VIEW `viewbookinghistory` AS select `fb`.`Booking\_ID` AS `Booking Number`,`f`.`Flight\_Name` AS `Flight`,`c`.`Customer\_ID` AS `Customer ID`,concat(`p`.`First\_Name`,' ',`p`.`Last\_Name`) AS `Customer Name`,`tc`.`Travel\_Class\_Name` AS `Travel Class`,`fb`.`Seat\_ID` AS `Seat Number`,`a`.`City` AS `From`,`a1`.`City` AS `To`,concat(`fs`.`Departure\_TimeStamp`) AS `Depature`,concat(`fs`.`Arrival\_TimeStamp`) AS `Arrival`,sec\_to\_time((unix\_timestamp(`fs`.`Arrival\_TimeStamp`) - unix\_timestamp(`fs`.`Departure\_TimeStamp`))) AS `Duration` from (((((((((`flightbooking` `fb` join `flightschedule` `fs`) join `airport` `a`) join `airport` `a1`) join `person` `p`) join `customers` `c`) join `aircraftseat` `ase`) join `flight` `f`) join `ticketprice` `tp`) join `travelclass` `tc`) where ((`fb`.`Schedule\_ID` = `fs`.`Schedule\_ID`) and (`fs`.`Origin\_Airport\_ID` = `a`.`Airport\_ID`) and (`fs`.`Destination\_Airport\_ID` = `a1`.`Airport\_ID`) and (`fb`.`Customer\_ID` = `c`.`Customer\_ID`) and (`c`.`Person\_ID` = `p`.`Person\_ID`) and (`fb`.`Aircraft\_ID` = `tp`.`Aircraft\_ID`) and (`tp`.`Aircraft\_ID` = `ase`.`Aircraft\_ID`) and (`fb`.`Flight\_ID` = `tp`.`Flight\_ID`) and (`tp`.`Flight\_ID` = `f`.`Flight\_ID`) and (`tp`.`Seat\_ID` = `ase`.`Seat\_ID`) and (`fb`.`Aircraft\_ID` = `tp`.`Aircraft\_ID`) and (`fb`.`Seat\_ID` = `tp`.`Seat\_ID`) and (`ase`.`Travel\_Class\_ID` = `tc`.`Travel\_Class\_ID`)) order by `fb`.`Booking\_ID` \*/;

/\*!50001 SET character\_set\_client = @saved\_cs\_client \*/;

/\*!50001 SET character\_set\_results = @saved\_cs\_results \*/;

/\*!50001 SET collation\_connection = @saved\_col\_connection \*/;

--

-- Final view structure for view `viewcustomerpoints`

--

/\*!50001 DROP VIEW IF EXISTS `viewcustomerpoints`\*/;

/\*!50001 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!50001 SET @saved\_cs\_results = @@character\_set\_results \*/;

/\*!50001 SET @saved\_col\_connection = @@collation\_connection \*/;

/\*!50001 SET character\_set\_client = utf8 \*/;

/\*!50001 SET character\_set\_results = utf8 \*/;

/\*!50001 SET collation\_connection = utf8\_general\_ci \*/;

/\*!50001 CREATE ALGORITHM=UNDEFINED \*/

/\*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER \*/

/\*!50001 VIEW `viewcustomerpoints` AS select `c`.`Customer\_ID` AS `Customer\_ID`,concat(`p`.`First\_Name`,' ',`p`.`Last\_Name`) AS `Customer Name`,`c`.`Rewards\_Points` AS `Total Points` from (`customers` `c` join `person` `p`) where (`c`.`Person\_ID` = `p`.`Person\_ID`) \*/;

/\*!50001 SET character\_set\_client = @saved\_cs\_client \*/;

/\*!50001 SET character\_set\_results = @saved\_cs\_results \*/;

/\*!50001 SET collation\_connection = @saved\_col\_connection \*/;

--

-- Final view structure for view `viewjack`

--

/\*!50001 DROP VIEW IF EXISTS `viewjack`\*/;

/\*!50001 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!50001 SET @saved\_cs\_results = @@character\_set\_results \*/;

/\*!50001 SET @saved\_col\_connection = @@collation\_connection \*/;

/\*!50001 SET character\_set\_client = utf8 \*/;

/\*!50001 SET character\_set\_results = utf8 \*/;

/\*!50001 SET collation\_connection = utf8\_general\_ci \*/;

/\*!50001 CREATE ALGORITHM=UNDEFINED \*/

/\*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER \*/

/\*!50001 VIEW `viewjack` AS select `fb`.`Booking\_ID` AS `Booking Number`,`fb`.`Customer\_ID` AS `Customer Number`,`fb`.`Flight\_ID` AS `Flight Number`,`fb`.`Aircraft\_ID` AS `Aircraft Number`,`fb`.`Seat\_ID` AS `Seat Number`,`fb`.`Schedule\_ID` AS `Schedule Number`,`fb`.`Booking\_Date` AS `Booking Date` from `flightbooking` `fb` where ((`fb`.`Customer\_ID` = 5) and (not(`fb`.`Schedule\_ID` in (select `fs`.`Schedule\_ID` from `flightschedule` `fs` where (`fs`.`Departure\_TimeStamp` < cast(now() as date)))))) \*/;

/\*!50001 SET character\_set\_client = @saved\_cs\_client \*/;

/\*!50001 SET character\_set\_results = @saved\_cs\_results \*/;

/\*!50001 SET collation\_connection = @saved\_col\_connection \*/;

--

-- Final view structure for view `viewjoseph`

--

/\*!50001 DROP VIEW IF EXISTS `viewjoseph`\*/;

/\*!50001 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!50001 SET @saved\_cs\_results = @@character\_set\_results \*/;

/\*!50001 SET @saved\_col\_connection = @@collation\_connection \*/;

/\*!50001 SET character\_set\_client = utf8 \*/;

/\*!50001 SET character\_set\_results = utf8 \*/;

/\*!50001 SET collation\_connection = utf8\_general\_ci \*/;

/\*!50001 CREATE ALGORITHM=UNDEFINED \*/

/\*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER \*/

/\*!50001 VIEW `viewjoseph` AS select `fb`.`Booking\_ID` AS `Booking Number`,`fb`.`Customer\_ID` AS `Customer Number`,`fb`.`Flight\_ID` AS `Flight Number`,`fb`.`Aircraft\_ID` AS `Aircraft Number`,`fb`.`Seat\_ID` AS `Seat Number`,`fb`.`Schedule\_ID` AS `Schedule Number`,`fb`.`Booking\_Date` AS `Booking Date` from `flightbooking` `fb` where ((`fb`.`Customer\_ID` = 3) and (not(`fb`.`Schedule\_ID` in (select `fs`.`Schedule\_ID` from `flightschedule` `fs` where (`fs`.`Departure\_TimeStamp` < cast(now() as date)))))) \*/;

/\*!50001 SET character\_set\_client = @saved\_cs\_client \*/;

/\*!50001 SET character\_set\_results = @saved\_cs\_results \*/;

/\*!50001 SET collation\_connection = @saved\_col\_connection \*/;

--

-- Final view structure for view `viewmalick`

--

/\*!50001 DROP VIEW IF EXISTS `viewmalick`\*/;

/\*!50001 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!50001 SET @saved\_cs\_results = @@character\_set\_results \*/;

/\*!50001 SET @saved\_col\_connection = @@collation\_connection \*/;

/\*!50001 SET character\_set\_client = utf8 \*/;

/\*!50001 SET character\_set\_results = utf8 \*/;

/\*!50001 SET collation\_connection = utf8\_general\_ci \*/;

/\*!50001 CREATE ALGORITHM=UNDEFINED \*/

/\*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER \*/

/\*!50001 VIEW `viewmalick` AS select `fb`.`Booking\_ID` AS `Booking Number`,`fb`.`Customer\_ID` AS `Customer Number`,`fb`.`Flight\_ID` AS `Flight Number`,`fb`.`Aircraft\_ID` AS `Aircraft Number`,`fb`.`Seat\_ID` AS `Seat Number`,`fb`.`Schedule\_ID` AS `Schedule Number`,`fb`.`Booking\_Date` AS `Booking Date` from `flightbooking` `fb` where ((`fb`.`Customer\_ID` = 1) and (not(`fb`.`Schedule\_ID` in (select `fs`.`Schedule\_ID` from `flightschedule` `fs` where (`fs`.`Departure\_TimeStamp` < cast(now() as date)))))) \*/;

/\*!50001 SET character\_set\_client = @saved\_cs\_client \*/;

/\*!50001 SET character\_set\_results = @saved\_cs\_results \*/;

/\*!50001 SET collation\_connection = @saved\_col\_connection \*/;

--

-- Final view structure for view `viewmani`

--

/\*!50001 DROP VIEW IF EXISTS `viewmani`\*/;

/\*!50001 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!50001 SET @saved\_cs\_results = @@character\_set\_results \*/;

/\*!50001 SET @saved\_col\_connection = @@collation\_connection \*/;

/\*!50001 SET character\_set\_client = utf8 \*/;

/\*!50001 SET character\_set\_results = utf8 \*/;

/\*!50001 SET collation\_connection = utf8\_general\_ci \*/;

/\*!50001 CREATE ALGORITHM=UNDEFINED \*/

/\*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER \*/

/\*!50001 VIEW `viewmani` AS select `fb`.`Booking\_ID` AS `Booking Number`,`fb`.`Customer\_ID` AS `Customer Number`,`fb`.`Flight\_ID` AS `Flight Number`,`fb`.`Aircraft\_ID` AS `Aircraft Number`,`fb`.`Seat\_ID` AS `Seat Number`,`fb`.`Schedule\_ID` AS `Schedule Number`,`fb`.`Booking\_Date` AS `Booking Date` from `flightbooking` `fb` where ((`fb`.`Customer\_ID` = 6) and (not(`fb`.`Schedule\_ID` in (select `fs`.`Schedule\_ID` from `flightschedule` `fs` where (`fs`.`Departure\_TimeStamp` < cast(now() as date)))))) \*/;

/\*!50001 SET character\_set\_client = @saved\_cs\_client \*/;

/\*!50001 SET character\_set\_results = @saved\_cs\_results \*/;

/\*!50001 SET collation\_connection = @saved\_col\_connection \*/;

/\*!40103 SET TIME\_ZONE=@OLD\_TIME\_ZONE \*/;

/\*!40101 SET SQL\_MODE=@OLD\_SQL\_MODE \*/;

/\*!40014 SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS \*/;

/\*!40014 SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS \*/;

/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;

/\*!40111 SET SQL\_NOTES=@OLD\_SQL\_NOTES \*/;

-- Dump completed on 2016-12-10 22:08:34