**INFO6210**

**Project Title: Database for an Airline Company**

**Problem Statement:**  The objective of this project is to implement a system to store and retrieve information for airlines. The administrator is the admin for whole database and has ALL the privileges. The Travel Agency has one level lower privilege to the tables in the database when compared to the admin.

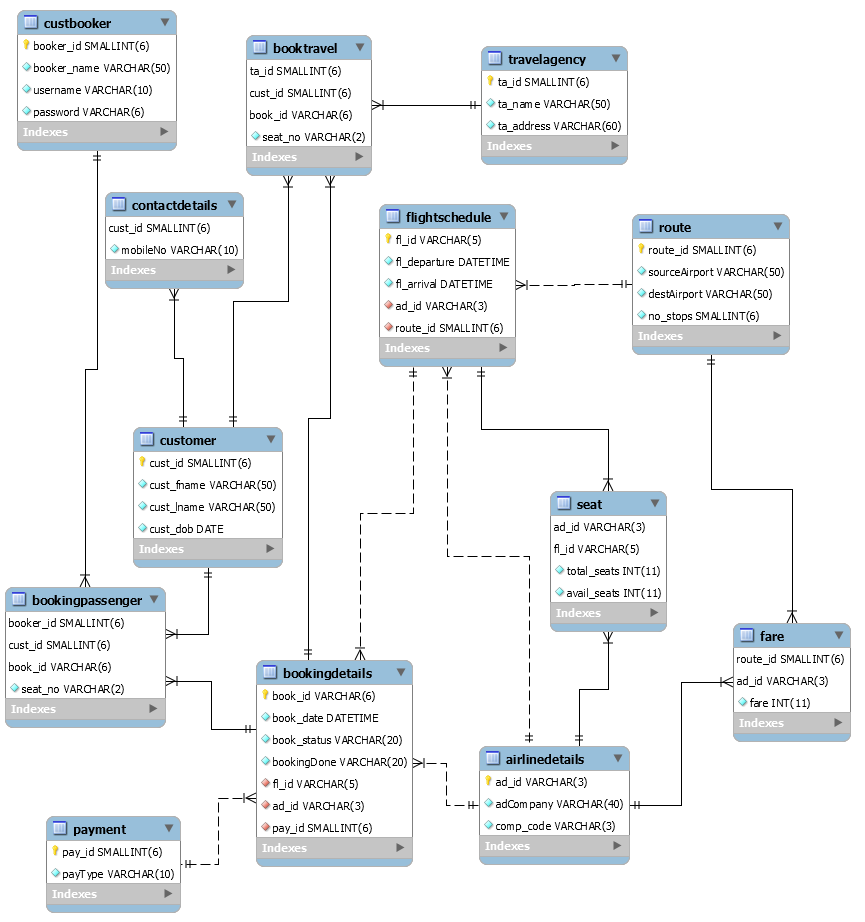
The customer being the user for the information stored in the database has access to perform search functionality and perform booking ticket into database.

The travel agency though can modify the flight schedule as well.

The following are the entities:

1. **AirlineDetails**- This table consists of airline details such as AirlineId, CompanyCode and AirlineCompany wherein the AirlineId is the Primary Key for this table.
2. **Route**- This table describes the route that is source and destination for multiple flights of a particular airline with the no of halts on the route.
3. **TravelAgency** – It is one of the administrative role for this database. This table consists of travel agency information that is its Travel Agency Id which is the primary key for this table and the agency address.
4. **FlightScedule**—This table gives the flight schedule which includes the flight timings and date of journey linking to the route information of the airline. The flightId is the primary key for this table but the airlineId of AirlineDetails table is the foreign key in this table
5. **Payment**—This table holds the information of whether the customer has done the payment by cash or card.
6. **Customer**—This is the end user for the database . it holds the customers basic information such as name and contact information linked with each customer.
7. **ContactDetails**—This holds the contacts numbers for the customers and here the primary key is customer which i also a foreign key for this table.
8. **CustBooker**—The customer who books the tickets by themselves have there account created and thus this table holds the customers account username and password information with a booker id assigned to each of them.
9. **Fare**—Fare gives the price of journey by a particular airline for a specific route.Such that routes with more halts or layovers should be cheaper than the direct files. Thus a composite key is the primary key for this table that is combination of airline id and route id and they are the foreign key references as well.
10. **Seat**—This table gives a status of what the capacity of the airline is and what is the current seat availability status of it. Therefore, the airlineid and flightid are the composite keys of the table with a CHECK constraint on total seats column that it should be no less than 60 but more than 0.
11. **BookingDetails**—This is the most important table as it holds the customer booking data and signifies whether the booking is done by the passenger/customer or by the travel agency. A bookId is assigned against each booking made.
12. **BookTravel**—This table has the primary key as travelagencyId, customer Id and bookingId since we can have a passenger book the ticket by himself or by requesting the travel agency.
13. **BookingPassenger**—This table holds the information for all the Bookings made by the customers themselves. Therefore, the primary and foreign keys for this table are book\_id from the bookingdetails table, a bookerid for itself and customerid associated.

The below EER model depicts the relationship between the above stated entities with their attributes mentioned:



**/\*----------------------------------------------VIEWS----------------------------------------\*/**

***#Create view to display the bookings done by Passenger***

**CREATE VIEW** BookingsDoneByPassenger AS

**SELECT** bookDet.book\_id, fl\_id,ad\_id, **CONCAT\_WS**(' ',cust\_fname,cust\_lname) AS CustomerName, date\_format(cust\_dob,'%D-%M-%Y') AS DateOfBirth,mobileNo

**FROM** bookingdetails AS bookDet

**INNER JOIN** bookingpassenger AS bookPass

**ON** bookDet.book\_id=bookPass.book\_id

**INNER JOIN** customer AS cust

**ON** bookPass.cust\_id=cust.cust\_id

**INNER JOIN** contactdetails AS contact

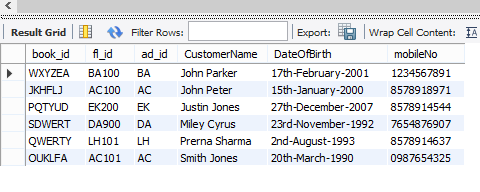
**ON** contact.cust\_id=cust.cust\_id

**WHERE** bookingDone='Passenger'

**ORDER BY** CustomerName;

***#Call view to display the booking information done by passengers***

SELECT \* FROM **BookingsDoneByPassenger**;



The above table represents the information of all the bookings done by the Customer itself.

***#Create view for bookings done by TravelAgency***

**CREATE VIEW** BookingsDoneByTravelAgency AS

**SELECT** bookDet.book\_id, fl\_id,ad\_id,CONCAT\_WS(' ',cust\_fname,cust\_lname) AS CustomerName, date\_format(cust\_dob,'%D-%M-%Y') AS DateOfBirth, mobileNo

**FROM** bookingdetails AS bookDet

**INNER JOIN** BookTravel AS bookTravel

**ON** bookDet.book\_id=bookTravel.book\_id

**INNER JOIN** customer AS cust

**ON** bookTravel.cust\_id=cust.cust\_id

**INNER JOIN** contactdetails AS contact

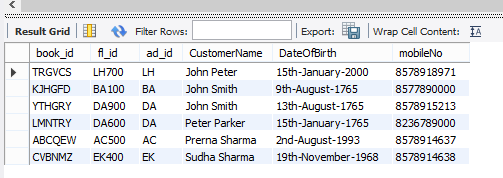
**ON** contact.cust\_id=cust.cust\_id

**WHERE** bookingDone='Travel Agency'

**ORDER BY** CustomerName;

***#Call the view to display the booking information done by TravelAgency***

SELECT \* FROM **BookingsDoneByTravelAgency**;



**/\*----------------------------------------------TRIGGER ----------------------------------------\*/**

***#Trigger to check total no of seats per airline and how many available and update the table if seat is booked or data is inserted in booking details table and then in the bookingpassenger table***

**delimiter //**

**CREATE TRIGGER** seat\_updateBookingPassenger

**AFTER INSERT ON** bookingpassenger

**For each row**

**BEGIN**

Declare n\_seats int;

Declare flight\_id varchar(10);

Declare airline\_id varchar(10);

**SET** flight\_id=(select fl\_id from bookingdetails where book\_id=New.book\_id);

**SET** airline\_id=(select ad\_id from bookingdetails where book\_id=New.book\_id);

**UPDATE** seat

**SET** avail\_seats=avail\_seats-1

**WHERE** fl\_id=flight\_id

**AND**

ad\_id=airline\_id;

**End**//

***#Trigger to check total no of seats per airline and how many available and update the table if seat is booked or data is inserted in booking details table***

**delimiter** //

**CREATE TRIGGER** seat\_updateBookingTravelAgency

**AFTER INSERT ON** booktravel

For each row

**BEGIN**

Declare n\_seats int;

Declare flight\_id varchar(10);

Declare airline\_id varchar(10);

**SET** flight\_id=(SELECT fl\_id FROM bookingdetails WHERE book\_id=New.book\_id);

**SET** airline\_id=(SELECT ad\_id FROM bookingdetails WHERE book\_id=New.book\_id);

**UPDATE** seat

**SET** avail\_seats=avail\_seats-1

**WHERE** fl\_id=flight\_id

**AND**

ad\_id=airline\_id;

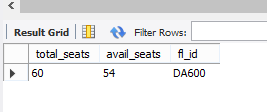
**End//**

* **BEFORE TRIGGER EVENT OCCURED**

SELECT total\_seats,avail\_seats,fl\_id

FROM seat

WHERE fl\_id='DA600';



**Inserted data into BookingDetails table . Then inserted data into bookTravel table which called the trigger to execute:**

INSERT INTO BookingDetails

(book\_id,book\_date,book\_status,bookingDone,fl\_id,ad\_id,pay\_id)

VALUES

('LMNTRY',NOW(),'CONFIRMED','Travel Agency','DA600','DA',2);

INSERT INTO BookTravel

(ta\_id,cust\_id,book\_id,seat\_no)

VALUES

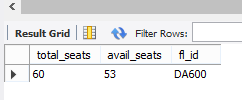
(44,6,'LMNTRY','13');

* **AFTER TRIGGER EVENT OCCURED**

SELECT total\_seats,avail\_seats,fl\_id

FROM seat

WHERE fl\_id='DA600';



**/\*----------------------------------------------PROCEDURE ----------------------------------------\*/**

***#Procedure to check availability of flights from source to destination***

***delimiter //***

**CREATE PROCEDURE** **check\_avail** (IN source\_air varchar(20),IN dest\_air varchar(20), IN travelDate date)

**BEGIN**

**SELECT** sourceAirport, destAirport,

DATE\_FORMAT(fl\_departure,'%D %b %Y') AS Dep\_Date,

TIME(fl\_departure) AS Dep\_Time,

DATE\_FORMAT(fl\_arrival,'%D %b %Y') AS Arrival\_Date,

TIME(fl\_arrival) AS Arrval\_Time, no\_stops

**FROM** flightschedule fs

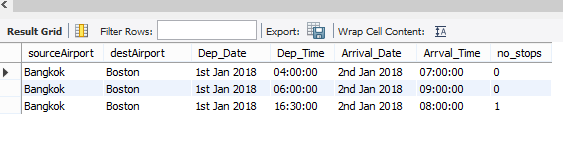
**INNER JOIN** route r

ON fs.route\_id=r.route\_id

**WHERE** (sourceAirport=source\_air AND destAirport=dest\_air AND DATE(fl\_departure)= travelDate) ;

**END**//

**Call check\_avail('Bangkok','Boston','2018-01-01');**



***#Function to count the no of seats against the type of booking that is by passenger or travel agency***

***This function is further used in the procedure***

delimiter //

**CREATE** **Function** count\_func(book\_i varchar(10),bookingDoe varchar(20))

Returns int

**DETERMINISTIC**

**BEGIN**

Declare nseat int;

IF (bookingDoe='Passenger')

THEN

SELECT COUNT(\*) into nseat FROM bookingpassenger WHERE book\_id=book\_i;

ELSE

SELECT COUNT(\*) into nseat FROM bookTravel WHERE book\_id=book\_i;

**END** IF;

return nseat;

**END**//

delimiter //

**CREATE PROCEDURE** **min\_fare** (IN book\_i varchar(20),out total\_fare int)

**BEGIN**

Declare bookingDoe varchar(20);

Declare flight\_id varchar(20);

Declare fre int;

Declare nsea int;

**SET** bookingDoe=(SELECT bookingDone FROM bookingdetails WHERE book\_id=book\_i);

**SET** nsea= count\_func(book\_i,bookingDoe);

**SET** flight\_id=(SELECT fl\_id FROM BookingDetails

**WHERE** book\_id = book\_i);

(**SELECT** fare \* nseat INTO total\_fare FROM fare , (SELECT route\_id, ad\_id FROM FlightSchedule

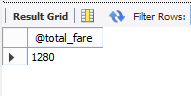
**WHERE** fl\_id=flight\_id) AS fs

**WHERE** fare.route\_id=fs.route\_id AND fare.ad\_id=fs.ad\_id);

**END**//

**Call min\_fare('QWERTY',@total\_fare);**

**select @total\_fare;**

****

;

**APPENDIX SECTION**

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: airlinemanagementsystem

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

-- Server version 8.0.12

/\*!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 \*/;

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 `airlinedetails`

--

DROP TABLE IF EXISTS `airlinedetails`;

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

SET character\_set\_client = utf8mb4 ;

CREATE TABLE `airlinedetails` (

`ad\_id` varchar(3) NOT NULL,

`adCompany` varchar(40) NOT NULL,

`comp\_code` varchar(3) NOT NULL,

PRIMARY KEY (`ad\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

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

--

-- Dumping data for table `airlinedetails`

--

LOCK TABLES `airlinedetails` WRITE;

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

INSERT INTO `airlinedetails` VALUES ('AC','Air Canada','003'),('BA','British Airways','001'),('DA','Delta Airlines','005'),('EK','Emirates','004'),('LH','Lufthansa','002');

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

UNLOCK TABLES;

/\*!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 2018-12-13 11:21:42

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

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-- Host: 127.0.0.1 Database: airlinemanagementsystem

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

-- Server version 8.0.12

/\*!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 \*/;

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 `bookingdetails`

--

DROP TABLE IF EXISTS `bookingdetails`;

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

SET character\_set\_client = utf8mb4 ;

CREATE TABLE `bookingdetails` (

`book\_id` varchar(6) NOT NULL,

`book\_date` datetime NOT NULL,

`book\_status` varchar(20) NOT NULL,

`bookingDone` varchar(20) NOT NULL,

`fl\_id` varchar(5) NOT NULL,

`ad\_id` varchar(3) NOT NULL,

`pay\_id` smallint(6) NOT NULL,

PRIMARY KEY (`book\_id`),

KEY `fl\_id` (`fl\_id`),

KEY `ad\_id` (`ad\_id`),

KEY `pay\_id` (`pay\_id`),

CONSTRAINT `bookingdetails\_ibfk\_1` FOREIGN KEY (`fl\_id`) REFERENCES `flightschedule` (`fl\_id`),

CONSTRAINT `bookingdetails\_ibfk\_2` FOREIGN KEY (`ad\_id`) REFERENCES `airlinedetails` (`ad\_id`),

CONSTRAINT `bookingdetails\_ibfk\_3` FOREIGN KEY (`pay\_id`) REFERENCES `payment` (`pay\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

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

--

-- Dumping data for table `bookingdetails`

--

LOCK TABLES `bookingdetails` WRITE;

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

INSERT INTO `bookingdetails` VALUES ('ABCQEW','2017-12-21 08:00:01','CONFIRMED','Travel Agency','AC500','AC',2),('CVBNMZ','2017-10-05 13:44:06','CONFIRMED','Travel Agency','EK400','EK',3),('JKHFLJ','2017-12-12 20:21:00','CONFIRMED','Passenger','AC100','AC',1),('KJHGFD','2017-12-12 19:10:11','CONFIRMED','Travel Agency','BA100','BA',2),('LMNTRY','2018-12-13 06:58:39','CONFIRMED','Travel Agency','DA600','DA',2),('OUKLFA','2017-09-15 14:12:00','CONFIRMED','Passenger','AC101','AC',2),('PQTYUD','2017-09-13 20:20:10','CONFIRMED','Passenger','EK200','EK',3),('QWERTY','2017-11-23 02:34:20','CONFIRMED','Passenger','LH101','LH',1),('SDWERT','2017-11-24 12:23:10','CONFIRMED','Passenger','DA900','DA',2),('TRGVCS','2018-01-02 04:20:00','CONFIRMED','Travel Agency','LH700','LH',3),('WXYZEA','2017-12-12 19:56:00','CONFIRMED','Passenger','BA100','BA',2),('YTHGRY','2018-01-01 12:10:06','CONFIRMED','Travel Agency','DA900','DA',3);

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

UNLOCK TABLES;

/\*!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 2018-12-13 11:21:41

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

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-- Host: 127.0.0.1 Database: airlinemanagementsystem

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-- Server version 8.0.12

/\*!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 \*/;

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 `bookingpassenger`

--

DROP TABLE IF EXISTS `bookingpassenger`;

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

SET character\_set\_client = utf8mb4 ;

CREATE TABLE `bookingpassenger` (

`booker\_id` smallint(6) NOT NULL,

`cust\_id` smallint(6) NOT NULL,

`book\_id` varchar(6) NOT NULL,

`seat\_no` varchar(2) NOT NULL,

PRIMARY KEY (`booker\_id`,`cust\_id`,`book\_id`),

KEY `cust\_id` (`cust\_id`),

KEY `book\_id` (`book\_id`),

CONSTRAINT `bookingpassenger\_ibfk\_1` FOREIGN KEY (`booker\_id`) REFERENCES `custbooker` (`booker\_id`),

CONSTRAINT `bookingpassenger\_ibfk\_2` FOREIGN KEY (`cust\_id`) REFERENCES `customer` (`cust\_id`),

CONSTRAINT `bookingpassenger\_ibfk\_3` FOREIGN KEY (`book\_id`) REFERENCES `bookingdetails` (`book\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

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

--

-- Dumping data for table `bookingpassenger`

--

LOCK TABLES `bookingpassenger` WRITE;

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

INSERT INTO `bookingpassenger` VALUES (10,7,'WXYZEA','1'),(20,1,'QWERTY','30'),(20,9,'SDWERT','2'),(30,8,'OUKLFA','24'),(40,4,'JKHFLJ','10'),(70,10,'PQTYUD','26');

/\*!40000 ALTER TABLE `bookingpassenger` 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 = utf8mb4 \*/ ;

/\*!50003 SET character\_set\_results = utf8mb4 \*/ ;

/\*!50003 SET collation\_connection = utf8mb4\_0900\_ai\_ci \*/ ;

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

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

DELIMITER ;;

/\*!50003 CREATE\*/ /\*!50017 DEFINER=`root`@`localhost`\*/ /\*!50003 TRIGGER `seat\_updateBookingPassenger` AFTER INSERT ON `bookingpassenger` FOR EACH ROW Begin

Declare n\_seats int;

Declare flight\_id varchar(10);

Declare airline\_id varchar(10);

set flight\_id=(select fl\_id from bookingdetails where book\_id=New.book\_id);

set airline\_id=(select ad\_id from bookingdetails where book\_id=New.book\_id);

update seat set avail\_seats=avail\_seats-1 where fl\_id=flight\_id and ad\_id=airline\_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 \*/ ;

/\*!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 2018-12-13 11:21:43

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

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-- Host: 127.0.0.1 Database: airlinemanagementsystem

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-- Server version 8.0.12

/\*!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 \*/;

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 `booktravel`

--

DROP TABLE IF EXISTS `booktravel`;

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

SET character\_set\_client = utf8mb4 ;

CREATE TABLE `booktravel` (

`ta\_id` smallint(6) NOT NULL,

`cust\_id` smallint(6) NOT NULL,

`book\_id` varchar(6) NOT NULL,

`seat\_no` varchar(2) NOT NULL,

PRIMARY KEY (`ta\_id`,`cust\_id`,`book\_id`),

KEY `cust\_id` (`cust\_id`),

KEY `book\_id` (`book\_id`),

CONSTRAINT `booktravel\_ibfk\_1` FOREIGN KEY (`ta\_id`) REFERENCES `travelagency` (`ta\_id`),

CONSTRAINT `booktravel\_ibfk\_2` FOREIGN KEY (`cust\_id`) REFERENCES `customer` (`cust\_id`),

CONSTRAINT `booktravel\_ibfk\_3` FOREIGN KEY (`book\_id`) REFERENCES `bookingdetails` (`book\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

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

--

-- Dumping data for table `booktravel`

--

LOCK TABLES `booktravel` WRITE;

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

INSERT INTO `booktravel` VALUES (11,1,'ABCQEW','4'),(11,3,'YTHGRY','21'),(22,2,'CVBNMZ','25'),(22,5,'KJHGFD','22'),(33,4,'TRGVCS','5'),(44,6,'LMNTRY','13');

/\*!40000 ALTER TABLE `booktravel` 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 = utf8mb4 \*/ ;

/\*!50003 SET character\_set\_results = utf8mb4 \*/ ;

/\*!50003 SET collation\_connection = utf8mb4\_0900\_ai\_ci \*/ ;

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

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

DELIMITER ;;

/\*!50003 CREATE\*/ /\*!50017 DEFINER=`root`@`localhost`\*/ /\*!50003 TRIGGER `seat\_updateBookingTravelAgency` AFTER INSERT ON `booktravel` FOR EACH ROW BEGIN

Declare n\_seats int;

Declare flight\_id varchar(10);

Declare airline\_id varchar(10);

SET flight\_id=(SELECT fl\_id FROM bookingdetails WHERE book\_id=New.book\_id);

SET airline\_id=(SELECT ad\_id FROM bookingdetails WHERE book\_id=New.book\_id);

UPDATE seat

SET avail\_seats=avail\_seats-1

WHERE fl\_id=flight\_id

AND

ad\_id=airline\_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 \*/ ;

/\*!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 2018-12-13 11:21:44

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: airlinemanagementsystem

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

-- Server version 8.0.12

/\*!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 \*/;

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 `contactdetails`

--

DROP TABLE IF EXISTS `contactdetails`;

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

SET character\_set\_client = utf8mb4 ;

CREATE TABLE `contactdetails` (

`cust\_id` smallint(6) NOT NULL,

`mobileNo` varchar(10) NOT NULL,

PRIMARY KEY (`cust\_id`),

CONSTRAINT `contactdetails\_ibfk\_1` FOREIGN KEY (`cust\_id`) REFERENCES `customer` (`cust\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

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

--

-- Dumping data for table `contactdetails`

--

LOCK TABLES `contactdetails` WRITE;

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

INSERT INTO `contactdetails` VALUES (1,'8578914637'),(2,'8578914638'),(3,'8578915213'),(4,'8578918971'),(5,'8577890000'),(6,'8236789000'),(7,'1234567891'),(8,'0987654325'),(9,'7654876907'),(10,'8578914544');

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

UNLOCK TABLES;

/\*!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 2018-12-13 11:21:43

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: airlinemanagementsystem

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

-- Server version 8.0.12

/\*!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 \*/;

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 `custbooker`

--

DROP TABLE IF EXISTS `custbooker`;

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

SET character\_set\_client = utf8mb4 ;

CREATE TABLE `custbooker` (

`booker\_id` smallint(6) NOT NULL,

`booker\_name` varchar(50) NOT NULL,

`username` varchar(10) NOT NULL,

`password` varchar(6) NOT NULL,

PRIMARY KEY (`booker\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

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

--

-- Dumping data for table `custbooker`

--

LOCK TABLES `custbooker` WRITE;

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

INSERT INTO `custbooker` VALUES (10,'John','John','first'),(20,'Sudha','Sudha','second'),(30,'Prerna','Prerna','third'),(40,'Peter','Peter','fourth'),(50,'Miley','Miley','fifth'),(60,'Justin','Justin','sixth'),(70,'John','John','sevnth');

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

UNLOCK TABLES;

/\*!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 2018-12-13 11:21:42

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: airlinemanagementsystem

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

-- Server version 8.0.12

/\*!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 \*/;

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 `customer`

--

DROP TABLE IF EXISTS `customer`;

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

SET character\_set\_client = utf8mb4 ;

CREATE TABLE `customer` (

`cust\_id` smallint(6) NOT NULL,

`cust\_fname` varchar(50) NOT NULL,

`cust\_lname` varchar(50) NOT NULL,

`cust\_dob` date NOT NULL,

PRIMARY KEY (`cust\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

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

--

-- Dumping data for table `customer`

--

LOCK TABLES `customer` WRITE;

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

INSERT INTO `customer` VALUES (1,'Prerna','Sharma','1993-08-02'),(2,'Sudha','Sharma','1968-11-19'),(3,'John','Smith','1765-08-13'),(4,'John','Peter','2000-01-15'),(5,'John','Smith','1765-08-09'),(6,'Peter','Parker','1765-01-15'),(7,'John','Parker','2001-02-17'),(8,'Smith','Jones','1990-03-20'),(9,'Miley','Cyrus','1992-11-23'),(10,'Justin','Jones','2007-12-27');

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

UNLOCK TABLES;

/\*!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 2018-12-13 11:21:41

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: airlinemanagementsystem

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

-- Server version 8.0.12

/\*!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 \*/;

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 `fare`

--

DROP TABLE IF EXISTS `fare`;

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

SET character\_set\_client = utf8mb4 ;

CREATE TABLE `fare` (

`route\_id` smallint(6) NOT NULL,

`ad\_id` varchar(3) NOT NULL,

`fare` int(11) NOT NULL,

PRIMARY KEY (`route\_id`,`ad\_id`),

KEY `ad\_id` (`ad\_id`),

CONSTRAINT `fare\_ibfk\_1` FOREIGN KEY (`route\_id`) REFERENCES `route` (`route\_id`),

CONSTRAINT `fare\_ibfk\_2` FOREIGN KEY (`ad\_id`) REFERENCES `airlinedetails` (`ad\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

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

--

-- Dumping data for table `fare`

--

LOCK TABLES `fare` WRITE;

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

INSERT INTO `fare` VALUES (1,'AC',1700),(1,'BA',1800),(1,'LH',1500),(2,'AC',1200),(2,'EK',1400),(3,'BA',1200),(3,'DA',1000),(4,'BA',1800),(4,'EK',1400),(5,'AC',1000),(6,'DA',1250),(6,'LH',1333),(7,'LH',1599),(8,'LH',1444),(9,'DA',699),(9,'EK',999),(10,'AC',1700),(10,'BA',2000),(10,'LH',1280);

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

UNLOCK TABLES;

/\*!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 2018-12-13 11:21:44

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: airlinemanagementsystem

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

-- Server version 8.0.12

/\*!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 \*/;

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 `flightschedule`

--

DROP TABLE IF EXISTS `flightschedule`;

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

SET character\_set\_client = utf8mb4 ;

CREATE TABLE `flightschedule` (

`fl\_id` varchar(5) NOT NULL,

`fl\_departure` datetime NOT NULL,

`fl\_arrival` datetime NOT NULL,

`ad\_id` varchar(3) NOT NULL,

`route\_id` smallint(6) NOT NULL,

PRIMARY KEY (`fl\_id`),

KEY `ad\_id` (`ad\_id`),

KEY `route\_id` (`route\_id`),

CONSTRAINT `flightschedule\_ibfk\_1` FOREIGN KEY (`ad\_id`) REFERENCES `airlinedetails` (`ad\_id`),

CONSTRAINT `flightschedule\_ibfk\_2` FOREIGN KEY (`route\_id`) REFERENCES `route` (`route\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

/\*!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 ('AC100','2018-01-02 10:00:00','2018-01-02 13:00:00','AC',1),('AC101','2018-01-03 10:00:00','2018-01-03 13:00:00','AC',10),('AC200','2018-01-05 05:00:00','2018-01-05 08:00:00','AC',2),('AC500','2018-01-06 02:00:00','2018-01-07 22:15:00','AC',5),('BA100','2018-01-01 04:00:00','2018-01-02 07:00:00','BA',1),('BA101','2018-01-05 18:30:00','2018-01-05 21:30:00','BA',10),('BA200','2018-01-01 16:30:00','2018-01-02 08:00:00','AC',2),('BA300','2018-01-02 09:45:00','2018-01-03 01:00:00','BA',3),('BA400','2018-01-02 08:30:00','2018-01-02 11:30:00','BA',4),('DA300','2018-01-02 14:45:00','2018-01-02 23:35:00','DA',3),('DA600','2018-01-02 06:00:00','2018-01-02 10:00:00','DA',6),('DA900','2018-01-02 04:10:00','2018-01-03 23:30:00','DA',9),('EK200','2018-01-06 05:00:00','2018-01-06 18:00:00','EK',2),('EK400','2018-01-05 19:00:00','2018-01-06 22:00:00','EK',4),('EK900','2018-01-01 08:10:00','2018-01-03 02:30:00','EK',9),('LH100','2018-01-01 06:00:00','2018-01-02 09:00:00','LH',1),('LH101','2018-01-02 07:00:00','2018-01-02 10:00:00','LH',10),('LH600','2018-01-02 18:00:00','2018-01-03 06:00:00','LH',6),('LH700','2018-01-04 11:00:00','2018-01-04 12:00:00','LH',7),('LH800','2018-01-03 16:40:00','2018-01-04 18:00:00','LH',8);

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

UNLOCK TABLES;

/\*!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 2018-12-13 11:21:45

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: airlinemanagementsystem

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

-- Server version 8.0.12

/\*!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 \*/;

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 `payment`

--

DROP TABLE IF EXISTS `payment`;

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

SET character\_set\_client = utf8mb4 ;

CREATE TABLE `payment` (

`pay\_id` smallint(6) NOT NULL,

`payType` varchar(10) NOT NULL,

PRIMARY KEY (`pay\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

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

--

-- Dumping data for table `payment`

--

LOCK TABLES `payment` WRITE;

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

INSERT INTO `payment` VALUES (1,'Cash'),(2,'CreditCard'),(3,'DebitCard');

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

UNLOCK TABLES;

/\*!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 2018-12-13 11:21:44

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: airlinemanagementsystem

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

-- Server version 8.0.12

/\*!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 \*/;

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 `route`

--

DROP TABLE IF EXISTS `route`;

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

SET character\_set\_client = utf8mb4 ;

CREATE TABLE `route` (

`route\_id` smallint(6) NOT NULL,

`sourceAirport` varchar(50) NOT NULL,

`destAirport` varchar(50) NOT NULL,

`no\_stops` smallint(6) NOT NULL,

PRIMARY KEY (`route\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

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

--

-- Dumping data for table `route`

--

LOCK TABLES `route` WRITE;

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

INSERT INTO `route` VALUES (1,'Bangkok','Boston',0),(2,'Bangkok','Boston',1),(3,'Bangkok','Boston',2),(4,'Boston','Bangkok',0),(5,'Boston','Bangkok',2),(6,'Doha','Munich',1),(7,'Doha','Munich',0),(8,'Munich','Doha',1),(9,'New York','Toronto',2),(10,'New York','Toronto',0);

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

UNLOCK TABLES;

/\*!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 2018-12-13 11:21:44

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: airlinemanagementsystem

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

-- Server version 8.0.12

/\*!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 \*/;

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 \*/;

--

-- Temporary view structure for view `bookingsdonebytravelagency`

--

DROP TABLE IF EXISTS `bookingsdonebytravelagency`;

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

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

SET character\_set\_client = utf8mb4;

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

1 AS `book\_id`,

1 AS `fl\_id`,

1 AS `ad\_id`,

1 AS `CustomerName`,

1 AS `DateOfBirth`,

1 AS `mobileNo`\*/;

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

--

-- Temporary view structure for view `bookingsdonebypassenger`

--

DROP TABLE IF EXISTS `bookingsdonebypassenger`;

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

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

SET character\_set\_client = utf8mb4;

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

1 AS `book\_id`,

1 AS `fl\_id`,

1 AS `ad\_id`,

1 AS `CustomerName`,

1 AS `DateOfBirth`,

1 AS `mobileNo`\*/;

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

--

-- Final view structure for view `bookingsdonebytravelagency`

--

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

/\*!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 = utf8mb4 \*/;

/\*!50001 SET character\_set\_results = utf8mb4 \*/;

/\*!50001 SET collation\_connection = utf8mb4\_0900\_ai\_ci \*/;

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

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

/\*!50001 VIEW `bookingsdonebytravelagency` AS select `bookdet`.`book\_id` AS `book\_id`,`bookdet`.`fl\_id` AS `fl\_id`,`bookdet`.`ad\_id` AS `ad\_id`,concat\_ws(' ',`cust`.`cust\_fname`,`cust`.`cust\_lname`) AS `CustomerName`,date\_format(`cust`.`cust\_dob`,'%D-%M-%Y') AS `DateOfBirth`,`contact`.`mobileNo` AS `mobileNo` from (((`bookingdetails` `bookdet` join `booktravel` on((`bookdet`.`book\_id` = `booktravel`.`book\_id`))) join `customer` `cust` on((`booktravel`.`cust\_id` = `cust`.`cust\_id`))) join `contactdetails` `contact` on((`contact`.`cust\_id` = `cust`.`cust\_id`))) where (`bookdet`.`bookingDone` = 'Travel Agency') order by concat\_ws(' ',`cust`.`cust\_fname`,`cust`.`cust\_lname`) \*/;

/\*!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 `bookingsdonebypassenger`

--

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

/\*!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 = utf8mb4 \*/;

/\*!50001 SET character\_set\_results = utf8mb4 \*/;

/\*!50001 SET collation\_connection = utf8mb4\_0900\_ai\_ci \*/;

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

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

/\*!50001 VIEW `bookingsdonebypassenger` AS select `bookdet`.`book\_id` AS `book\_id`,`bookdet`.`fl\_id` AS `fl\_id`,`bookdet`.`ad\_id` AS `ad\_id`,concat\_ws(' ',`cust`.`cust\_fname`,`cust`.`cust\_lname`) AS `CustomerName`,date\_format(`cust`.`cust\_dob`,'%D-%M-%Y') AS `DateOfBirth`,`contact`.`mobileNo` AS `mobileNo` from (((`bookingdetails` `bookdet` join `bookingpassenger` `bookpass` on((`bookdet`.`book\_id` = `bookpass`.`book\_id`))) join `customer` `cust` on((`bookpass`.`cust\_id` = `cust`.`cust\_id`))) join `contactdetails` `contact` on((`contact`.`cust\_id` = `cust`.`cust\_id`))) where (`bookdet`.`bookingDone` = 'Passenger') order by concat\_ws(' ',`cust`.`cust\_fname`,`cust`.`cust\_lname`) \*/;

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

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

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

--

-- Dumping events for database 'airlinemanagementsystem'

--

--

-- Dumping routines for database 'airlinemanagementsystem'

--

/\*!50003 DROP FUNCTION IF EXISTS `count\_func` \*/;

/\*!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 = utf8mb4 \*/ ;

/\*!50003 SET character\_set\_results = utf8mb4 \*/ ;

/\*!50003 SET collation\_connection = utf8mb4\_0900\_ai\_ci \*/ ;

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

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

DELIMITER ;;

CREATE DEFINER=`root`@`localhost` FUNCTION `count\_func`(book\_i varchar(10),bookingDoe varchar(20)) RETURNS int(11)

DETERMINISTIC

Begin

Declare nsea int;

IF (bookingDoe='Passenger')

THEN

SELECT COUNT(\*) into nsea FROM bookingpassenger WHERE book\_id=book\_i;

ELSE

SELECT COUNT(\*) into nsea FROM bookTravel WHERE book\_id=book\_i;

END IF;

return nsea;

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 `check\_avail` \*/;

/\*!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 = utf8mb4 \*/ ;

/\*!50003 SET character\_set\_results = utf8mb4 \*/ ;

/\*!50003 SET collation\_connection = utf8mb4\_0900\_ai\_ci \*/ ;

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

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

DELIMITER ;;

CREATE DEFINER=`root`@`localhost` PROCEDURE `check\_avail`(IN source\_air varchar(20),IN dest\_air varchar(20), IN travelDate date)

BEGIN

SELECT sourceAirport, destAirport, DATE\_FORMAT(fl\_departure,'%D %b %Y') AS Dep\_Date,TIME(fl\_departure) AS Dep\_Time,DATE\_FORMAT(fl\_arrival,'%D %b %Y') AS Arrival\_Date,TIME(fl\_arrival) AS Arrval\_Time, no\_stops

FROM flightschedule fs

INNER JOIN route r

ON fs.route\_id=r.route\_id

WHERE (sourceAirport=source\_air AND destAirport=dest\_air AND DATE(fl\_departure)= travelDate) ;

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 `min\_fare` \*/;

/\*!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 = utf8mb4 \*/ ;

/\*!50003 SET character\_set\_results = utf8mb4 \*/ ;

/\*!50003 SET collation\_connection = utf8mb4\_0900\_ai\_ci \*/ ;

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

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

DELIMITER ;;

CREATE DEFINER=`root`@`localhost` PROCEDURE `min\_fare`(IN book\_i varchar(20),out total\_fare int)

BEGIN

Declare bookingDoe varchar(20);

Declare flight\_id varchar(20);

Declare fre int;

Declare nsea int;

set bookingDoe=(SELECT bookingDone from bookingdetails where book\_id=book\_i);

set nsea= count\_func(book\_i,bookingDoe);

set flight\_id=(Select fl\_id from BookingDetails

where book\_id = book\_i);

(select fare \* nseat into total\_fare from fare , (Select route\_id, ad\_id from FlightSchedule

where fl\_id=flight\_id) AS fs

where fare.route\_id=fs.route\_id AND fare.ad\_id=fs.ad\_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 \*/ ;

/\*!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 2018-12-13 11:21:45

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: airlinemanagementsystem

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

-- Server version 8.0.12

/\*!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 \*/;

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 `seat`

--

DROP TABLE IF EXISTS `seat`;

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

SET character\_set\_client = utf8mb4 ;

CREATE TABLE `seat` (

`ad\_id` varchar(3) NOT NULL,

`fl\_id` varchar(5) NOT NULL,

`total\_seats` int(11) NOT NULL,

`avail\_seats` int(11) NOT NULL,

PRIMARY KEY (`ad\_id`,`fl\_id`),

KEY `fl\_id` (`fl\_id`),

CONSTRAINT `seat\_ibfk\_1` FOREIGN KEY (`fl\_id`) REFERENCES `flightschedule` (`fl\_id`),

CONSTRAINT `seat\_ibfk\_2` FOREIGN KEY (`ad\_id`) REFERENCES `airlinedetails` (`ad\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

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

--

-- Dumping data for table `seat`

--

LOCK TABLES `seat` WRITE;

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

INSERT INTO `seat` VALUES ('AC','AC100',60,19),('AC','AC101',60,50),('AC','AC200',60,60),('AC','AC500',60,40),('BA','BA100',60,45),('BA','BA101',60,50),('BA','BA300',60,40),('BA','BA400',60,50),('DA','DA300',60,60),('DA','DA600',60,53),('DA','DA900',60,50),('EK','EK200',60,50),('EK','EK400',60,30),('EK','EK900',60,40),('LH','LH100',60,40),('LH','LH101',60,40),('LH','LH600',60,30),('LH','LH700',60,45),('LH','LH800',60,54);

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

UNLOCK TABLES;

/\*!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 2018-12-13 11:21:42

-- MySQL dump 10.13 Distrib 8.0.12, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: airlinemanagementsystem

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

-- Server version 8.0.12

/\*!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 \*/;

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 `travelagency`

--

DROP TABLE IF EXISTS `travelagency`;

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

SET character\_set\_client = utf8mb4 ;

CREATE TABLE `travelagency` (

`ta\_id` smallint(6) NOT NULL,

`ta\_name` varchar(50) NOT NULL,

`ta\_address` varchar(60) NOT NULL,

PRIMARY KEY (`ta\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

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

--

-- Dumping data for table `travelagency`

--

LOCK TABLES `travelagency` WRITE;

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

INSERT INTO `travelagency` VALUES (11,'Best Flights','221,Huntington Avenue'),(22,'Easy Buy','115, Saint Stephen Street'),(33,'Cheap Flights','40, NewBury Street'),(44,'Travel Made Easy','22 Mudhock Street');

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

UNLOCK TABLES;

/\*!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 2018-12-13 11:21:42