

```
CREATE TABLE USER (Username VARCHAR (50) NOT NULL,  
Password VARCHAR (50) NOT NULL,  
PRIMARY KEY (Username));
```

```
CREATE TABLE MANAGER (Username VARCHAR (50),  
Password VARCHAR (50) NOT NULL,  
PRIMARY KEY (Username),  
FOREIGN KEY (Username) REFERENCES TABLE USER (Username));
```

```
CREATE TABLE CUSTOMER (Username VARCHAR (50),  
Password VARCHAR (50) NOT NULL,  
Email VARCHAR (50) NOT NULL,  
Is_student BOOLEAN NOT NULL  
PRIMARY KEY (Username),  
FOREIGN KEY (Username) REFERENCES TABLE USER (Username));
```

```
CREATE TABLE RESERVATION (ReservationID INT NOT NULL,  
Is_cancelled BOOLEAN NOT NULL,  
Username VARCHAR (50),  
Card_Number INT,  
PRIMARY KEY (ReservationID),  
FOREIGN KEY (Username) REFERENCES TABLE CUSTOMER (Username),  
FOREIGN KEY (Card_Number) REFERENCES TABLE PAYMENT_INFO (Card_Number));
```

```
CREATE TABLE PAYMENT_INFO (Card_Number INT NOT NULL,  
CVV TINYINT NOT NULL,  
Exp_Date DATE NOT NULL,  
Name_on_card VARCHAR (50) NOT NULL,  
Username VARCHAR (50),  
PRIMARY KEY (Card_Number),  
CHECK (Exp_Date > CURDATE()),  
FOREIGN KEY (Username) REFERENCES TABLE CUSTOMER (Username));
```

```
CREATE TABLE REVIEW (Review_Number INT NOT NULL,  
Comment VARCHAR (150) NOT NULL,  
Rating INT NOT NULL,  
Username VARCHAR (50),  
Train_Number INT,  
PRIMARY KEY (Review_Number)  
FOREIGN KEY (Username) REFERENCES TABLE CUSTOMER (Username);  
FOREIGN KEY (Train_Number) REFERENCES TABLE TRAIN_ROUTE (Train_Number));
```

```
CREATE TABLE RESERVES (ReservationID INT,  
Train_Number INT,  
Class INT NOT NULL,
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Departure_Date DATE NOT NULL,  
Passenger_Name VARCHAR (50) NOT NULL,  
Number_of_Bags INT NOT NULL,  
Departs_From VARCHAR (100),  
Arrives_At VARCHAR (100),  
PRIMARY KEY (ReservationID),  
FOREIGN KEY (ReservationID) REFERENCES TABLE RESERVATION (ReservationID),  
FOREIGN KEY (Train_Number) REFERENCES TABLE TRAIN_ROUTE (Train_Number)  
FOREIGN KEY (Departs_From) REFERENCES TABLE STATION (Name)  
FOREIGN KEY (Arrives_At) REFERENCES TABLE STATION (Name));
```

```
CREATE TABLE TRAIN_ROUTE (Train_Number INT NOT NULL,  
First_Class_Price FLOAT (2) NOT NULL,  
Second_Class_Price FLOAT (2) NOT NULL,  
PRIMARY KEY (Train_Number));
```

```
CREATE TABLE STOP (Arrival_Time VARCHAR (5) NOT NULL,  
Departure_Time VARCHAR (5) NOT NULL,  
Train_Number INT,  
Name VARCHAR (100),  
PRIMARY KEY (Train_Number, Arrival_Time),  
FOREIGN KEY (Train_Number) REFERENCES TABLE TRAIN_ROUTE (Train_Number),  
FOREIGN KEY (Name) REFERENCES TABLE STATION (Name));
```

```
CREATE TABLE STATION (Name VARCHAR(100) NOT NULL,  
Location VARCHAR (50) NOT NULL,  
PRIMARY KEY (Name));
```

```
CREATE TABLE SYSTEM_INFO (Max_baggage INT NOT NULL,  
Num_free_baggage INT NOT NULL,  
Student_Discount FLOAT (2) NOT NULL,  
Change_fee FLOAT (2) NOT NULL,  
PRIMARY KEY (Max_baggage));
```