*Note: The FOREIGN KEY syntax will be different in specific testing environment. If you use MySQL 5.6 to test the statement in http://sqlfiddle.com/, the ENGINE = MYISAM is needed to attach.

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

CREATE TABLE Customer
        (Username               VARCHAR(50)             NOT NULL,
         Email                  VARCHAR(50)             NOT NULL,
         IsStudent              BOOLEAN                 NOT NULL,
         PRIMARY KEY (Username),
         UNIQUE(Email),
         FOREIGN KEY (Username) REFERENCES User(Username));

CREATE TABLE Manager
        (Username               VARCHAR(50)             NOT NULL,
         PRIMARY KEY (Username),
         FOREIGN KEY (Username) REFERENCES User(Username));

CREATE TABLE PaymentInfo
        (CardNum                CHAR(16)                NOT NULL,
         CVV                    CHAR(3)                 NOT NULL,
         ExpirationDate         DATE                    NOT NULL,
         NameOnCard             VARCHAR(50)             NOT NULL,
         Username               VARCHAR(50)             NOT NULL,
         PRIMARY KEY (CardNum),
         FOREIGN KEY (Username) REFERENCES Customer(Username));

CREATE TABLE Reservation
        (ReserveID              INT                     NOT NULL,
         IsCancelled            BOOLEAN                 NOT NULL,
         Username               VARCHAR(50)             NOT NULL,
         CardNum                CHAR(16)                NOT NULL    DEFAULT
        0000000000000000,
         PRIMARY KEY (ReserveID),
         FOREIGN KEY (Username) REFERENCES Customer(Username),
         FOREIGN KEY (CardNum) REFERENCES PaymentInfo(CardNum)
                ON DELETE SET DEFAULT);

CREATE TABLE TrainRoute
        (TrainNum               VARCHAR(25)             NOT NULL,
```

```sql
        FstClassPrice          DECIMAL(6,2)              NOT NULL,
        SndClassPrice          DECIMAL(6,2)              NOT NULL,
        PRIMARY KEY (TrainNum));

CREATE TABLE Reserve
        (ReserveID             INT                      NOT NULL,
        TrainNum               VARCHAR(25)              NOT NULL,
        Class                  VARCHAR(10)              NOT NULL,
        DepartureDate          DATE                     NOT NULL,
        PassengerName          VARCHAR(50)              NOT NULL,
        NumOfBaggage           INT                      NOT NULL,
        DepartFrom             VARCHAR(50)              NOT NULL,
        ArriveAt               VARCHAR(50)              NOT NULL,
        PRIMARY KEY (ReserveID, TrainNum),
        FOREIGN KEY (ReserveID) REFERENCES Reservation(ReserveID),
        FOREIGN KEY (TrainNum) REFERENCES TrainRoute(TrainNum));

CREATE TABLE Station
        (StationName           VARCHAR(50)              NOT NULL,
         Location              VARCHAR(50)              NOT NULL,
         PRIMARY KEY (StationName));

CREATE TABLE Stop
        (TrainNum              VARCHAR(25)              NOT NULL,
         StationName           VARCHAR(50)              NOT NULL,
         ArrivalTime           TIMESTAMP                NOT NULL,
         DepartureTime         TIMESTAMP                NOT NULL,
         PRIMARY KEY (TrainNum, StationName),
         FOREIGN KEY (TrainNum) REFERENCES TrainRoute(TrainNum),
         FOREIGN KEY (StationName) REFERENCES Station(StationName));

CREATE TABLE Review
        (ReviewNum             INT                      NOT NULL,
         Comment               TEXT,
         Rating                VARCHAR(9)               NOT NULL,
         Username              VARCHAR(50)              NOT NULL,
         TrainNum              VARCHAR(50)              NOT NULL,
         PRIMARY KEY (ReviewNum),
         FOREIGN KEY (Username) REFERENCES User(Username),
         FOREIGN KEY (TrainNum) REFERENCES TrainRoute(TrainNum));

CREATE TABLE SystemInfo
        (MaxNumOfBaggage       INT                      NOT NULL,
         NumOfFreeBaggage      INT                      NOT NULL,
```

```
StudentDiscount          DECIMAL(3,2)              NOT NULL,
ChangeFee                INT                       NOT NULL,
PRIMARY KEY (MaxNumOfBaggage),
CHECK (MaxNumOfBaggage >=0 AND MaxNumOfBaggage <= 4));
```