Relational Schema:

Customer(IdNO, firstInitial, lastName, phone)

Car(VehicleId, model, year, CarType, WeeklyRate, DailyRate)

Rental(RentalId, RentalType, AmountDue, Current_Or_Scheduled)

DailyRental(*RentalId*, NoOfDays, StartDate, ReturnDate)

WeeklyRental(*RentalId*, NoOfWeeks, StartDate, ReturnDate)

NOTE: Primary Keys are underlined and Foreign Keys are itallic

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Tables Corresponding to Relational Schema:

CREATE TABLE Customer(

IdNo INT AUTO_INCREMENT NOT NULL PRIMARY KEY,

firstInitial CHAR(1),

lastName VARCHAR(20),

phone VARCHAR(20)

);

CREATE TABLE Car(

VehicleId INT AUTO_INCREMENT NOT NULL PRIMARY KEY,

CarType VARCHAR(20),

model VARCHAR(20),

year INT,

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WeeklyRate DECIMAL(8, 2),

DailyRate DECIMAL(8, 2)

);


CREATE TABLE Rental(

RentalId INT AUTO_INCREMENT PRIMARY KEY NOT NULL,

RentalType VARCHAR(20),

Current_Or_Scheduled VARCHAR(20),

VehicleId INT,

IdNo INT,

FOREIGN KEY(IdNo) REFERENCES Customer(IdNo),

FOREIGN KEY(VehicleId) REFERENCES Car(VehicleId)

);


CREATE TABLE DailyRental(

RentalId INT,

NoOfDays INT,

StartDate INT,

FOREIGN KEY (RentalId) REFERENCES Rental(RentalId)

);


CREATE TABLE WeeklyRental(

RentalId INT,
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NoOfWeeks INT,

StartDate INT,

FOREIGN KEY (RentalId) REFERENCES Rental(RentalId)

);

NOTE: Attributes AmountDue, and ReturnDate are calculated columns so they are not included

in the tables.