CREATE TABLE SCRIPTS

CREATE TABLE enquiryRecord

(

enquiryID NUMBER(9) PRIMARY KEY,

customerID NUMBER(9) REFERENCES customersRecord(customerID),

enquiryDate DATE,

enquiryDesc VARCHAR2(140)

);

CREATE TABLE customersRecord

(

customerID NUMBER(9) PRIMARY KEY,

customerSurname VARCHAR2(30) NOT NULL,

customerForename VARCHAR2(30),

customerAddress VARCHAR2(45),

customerPostcode VARCHAR2(8) NOT NULL,

customerPhoneNumber NUMBER(13) NOT NULL UNIQUE,

customerEmail VARCHAR2(45) UNIQUE

);

CREATE TABLE rentalRecord

(

rentalID NUMBER(9) PRIMARY KEY,

rentalNumber NUMBER(9) NOT NULL UNIQUE,

timeCheckedOut TIMESTAMP(3) NOT NULL,

timeCheckedIn TIMESTAMP(3) NOT NULL,

timeDue TIMESTAMP(3) NOT NULL,

amountPaid DECIMAL(7)

);

CREATE TABLE soldBikesRecord

(

soldBikeID NUMBER(9) PRIMARY KEY,

dealerID NUMBER(9) REFERENCES dealerRecord(dealerID),

bikeID NUMBER(9) REFERENCES bikeRecord(bikeID),

dateSold DATE NOT NULL,

bikeSalePrice DECIMAL(7)

);

CREATE TABLE dealerRecord

(

dealerID NUMBER(9) PRIMARY KEY,

dealerName VARCHAR2(30) NOT NULL,

dealerAddress VARCHAR2(45),

dealerPhoneNumber VARCHAR2(13) NOT NULL UNIQUE

);

CREATE TABLE reservationRecord

(

reservationID NUMBER(9) PRIMARY KEY,

customerID NUMBER(9) REFERENCES customersRecord(customerID),

sizeClassID NUMBER(9) REFERENCES classSizeRecord(classSizeID),

bikeQuantity NUMBER(3),

);

CREATE TABLE classSizeRecord

(

classSizeID NUMBER(9) PRIMARY KEY,

bikeClassID VARCHAR2(15),

bikeSize VARCHAR2(20),

fullDayRate DECIMAL(7),

halfDayRate DECIMAL(7)

);

CREATE TABLE bikeRecord

(

bikeID NUMBER(9) PRIMARY KEY,

classSizeID NUMBER(9) REFERENCES classSizeRecord(classSizeID),

manufacturerID NUMBER(9) REFERENCES manufacturerRecord(manufacturerID),

bikeModel VARCHAR2(20) NOT NULL,

bikePurchaseDate DATE NOT NULL,

bikeCost DECIMAL(7)

);

CREATE TABLE maintenanceRecord

(

maintenanceID NUMBER(9) PRIMARY KEY,

bikeID NUMBER(9) REFERENCES bikeRecord(bikeID),

partID NUMBER(9) REFERENCES partsRecord(partID),

faultID NUMBER(9) REFERENCES faultReportRecord(faultID),

dateOfAction DATE,

actionTaken VARCHAR2(140)

);

CREATE TABLE manufacturerRecord

(

manufacturerID NUMBER(9) PRIMARY KEY,

manufacturerName VARCHAR2(45) NOT NULL,

manufacturerAddress VARCHAR2(45) NOT NULL,

manufacturerPhoneNo NUMBER(13) NOT NULL UNIQUE

);

CREATE TABLE faultReportRecord

(

faultID NUMBER(9) PRIMARY KEY,

bikeID NUMBER(9) REFERENCES bikeRecord(bikeID),

faultDate DATE,

faultDesc VARCHAR2(140)

);

CREATE TABLE bikePartsRecord

(

partID NUMBER(9) PRIMARY KEY,

manufacturerID NUMBER(9) REFERENCES manufacturerRecord(manufacturerID),

partName VARCHAR2(30) NOT NULL,

partQuantity NUMBER(5) NOT NULL

);

CREATE TABLE orderedPartsRecord

(

orderID NUMBER(9) PRIMARY KEY,

partID NUMBER(9) REFERENCES bikePartsRecord(partID),

partsQtyOrdered NUMBER(30) NOT NULL,

dateBought DATE

);

CREATE TABLE suppliedPartsRecord

(

suppliedPartsID NUMBER(9) PRIMARY KEY,

orderID NUMBER(9) REFERENCES orderedPartsRecord(orderID),

partID NUMBER(9) REFERENCES bikePartsRecord(partID)

);