**Create a complete database of your application. (make sure to put all the constraints including foreign key constraints, primary and foreign keys in all tables).**

**Tables:**

**Customer table**

CREATE TABLE Customer (

customer\_id INT PRIMARY KEY,

Membership\_Status VARCHAR(255),

Gender VARCHAR(255),

Name VARCHAR(255),

Email VARCHAR(255),

phone\_no VARCHAR(255),

Contact\_info VARCHAR(255),

Address VARCHAR(255)

);

**Employee table**

CREATE TABLE Employee (

Employee\_id INT PRIMARY KEY,

Work\_Schedule VARCHAR(255),

Membership\_Status VARCHAR(255),

Gender VARCHAR(255),

Name VARCHAR(255),

Email VARCHAR(255),

phone\_no VARCHAR(255),

Address VARCHAR(255),

Role VARCHAR(255),

Status VARCHAR(255)

);

**Promotions table**

CREATE TABLE Promotions (

promotion\_id INT PRIMARY KEY,

detail VARCHAR(255),

date\_start DATE,

date\_end DATE

);

**Feedback table**

CREATE TABLE Feedback (

Feedback\_ID INT PRIMARY KEY,

comment VARCHAR(255),

rating INT,

Date DATE,

customer\_id INT,

FOREIGN KEY (customer\_id) REFERENCES Customer(customer\_id)

);

**Services table**

CREATE TABLE Services (

Service\_id INT PRIMARY KEY,

Price DECIMAL(10,2),

Service\_Name VARCHAR(255),

Description TEXT,

Equipment VARCHAR(255),

Vehicle\_ID INT,

FOREIGN KEY (Vehicle\_ID) REFERENCES Vehicle(Vehicle\_ID)

);

**Inventory table**

CREATE TABLE Inventory (

Inventory\_ID INT PRIMARY KEY,

Item\_name VARCHAR(255),

Quantity INT,

Price DECIMAL(10,2)

);

**Payment table**

CREATE TABLE Payment (

Transaction\_id INT PRIMARY KEY,

Payment\_status VARCHAR(255),

Payment\_Amount DECIMAL(10,2),

Payment\_Date DATE,

Payment\_Method VARCHAR(255),

Discounts DECIMAL(10,2),

Employee\_id INT,

FOREIGN KEY (Employee\_id) REFERENCES Employee(Employee\_id),

booking\_id INT,

FOREIGN KEY (booking\_id) REFERENCES Booking(booking\_id)

);

**Report\_Analytics table**

CREATE TABLE Report\_Analytics (

report\_id INT PRIMARY KEY,

date DATE,

revenue DECIMAL(10,2),

Transaction\_id INT,

FOREIGN KEY (Transaction\_id) REFERENCES Payment(Transaction\_id)

);

**Vehicle table**

CREATE TABLE Vehicle (

Vehicle\_ID INT PRIMARY KEY,

License\_plate\_number VARCHAR(255),

Last\_Washed\_Date DATE,

Year INT,

Make VARCHAR(255),

customer\_id INT,

FOREIGN KEY (customer\_id) REFERENCES Customer(customer\_id)

);

**Booking table**

CREATE TABLE Booking (

booking\_id INT PRIMARY KEY,

date DATE,

status VARCHAR(255),

customer\_id INT,

FOREIGN KEY (customer\_id) REFERENCES Customer(customer\_id),

Vehicle\_ID INT,

FOREIGN KEY (Vehicle\_ID) REFERENCES Vehicle(Vehicle\_ID)

);

-- Customer\_Associated\_Promotion table

CREATE TABLE Customer\_Associated\_Promotion (

customer\_id INT,

promotion\_id INT,

PRIMARY KEY (customer\_id, promotion\_id),

FOREIGN KEY (customer\_id) REFERENCES Customer(customer\_id),

FOREIGN KEY (promotion\_id) REFERENCES Promotions(promotion\_id)

);

**Services\_Require\_ID table**

CREATE TABLE Services\_Require\_ID (

Inventory\_ID INT,

Service\_id INT,

PRIMARY KEY (Inventory\_ID, Service\_id),

FOREIGN KEY (Inventory\_ID) REFERENCES Inventory(Inventory\_ID),

FOREIGN KEY (Service\_id) REFERENCES Services(Service\_id)

);