|  |
| --- |
| Josh’s Motorsports  Exotic Car Dealership  Urbach Incorporated |
| Urbach IncorporatedUrbach Incorporated 123 XYZ Street  Royersford, PA 19468  123 XYZ Street  Royersford, PA 19468  Phone: 215-555-5555  Email: jurbach8@yahoo.com |

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**Executive Summary**

Josh’s Motorsports is a dealership based in the United States which specializes in both high-end sports car, and exotic car sales. At Josh’s Motorsports new cars are sold from manufacturers like BMW, Lamborghini, Audi, Porsche, McLaren, and Rolls Royce; however, used cars from other high-end manufacturers can be found in the used inventory for sale as well. It is understood that only the best examples of vehicles are sold on your lots, and the customer satisfaction rates are through the roof. Due to your recent spike in sales caused by repeat customers, referrals, and new marketing schemes it can be said that keeping track of data has become a huge hassle for the business. This is where we, at Urbach Incorporated, step in to help maintain all the dealerships data with ease.

Furthermore, our company would like to implement a database to help avoid modification problems that will arise using lists and create a more efficient environment for the data. At Urbach Incorporated we offer an intuitive design but will also provide training for new users to ensure that the implementation goes smoothly.

We have provided service for numerous companies in multiple industries ranging from pharmaceutical to gaming. Our approach will allow room for growth since we understand that Josh’s Motorsports is gaining popularity quickly. When a company chooses us for database design it can be assumed that they will have the highest satisfaction, amazing performance, and never be concerned again with managing large quantities of data. We are ready to have Urbach Incorporated be the database solution resource for your dealership and join the numerous other companies who chose our services.

**Stakeholders**

Names of those important to this project

**Name of Stakeholder Role**

Josh Urbach Owner of Josh’s Motorsport

John Doe Investor

John Smith Investor

Jimmy Seas Investor

James Doe HR Director

Jane Doe HR Director Assistant

James Ken Sales Manager

Alex Lakes Service Manager

Jimmy Pond Admin Staff

Alan Lane Parts Manager

Joshua Urbach Owner of Urbach Incorporated

**Business Rules & Assumptions**

**Business Rules**

* Each salesman must have at least one sale to be considered a salesman
* Each customer must have at least one purchase to be considered a customer
* A vehicle may only have one category
* A vehicle may only have one manufacturer
* A mechanic must have serviced at least one car to be considered a mechanic
* A part is not required for every service (i.e. alignment)
* A service department does not need any services to be considered a service department
* A repair can only have one service department
* Purchases can only have one vehicle per purchase invoice due to the high value of the items, if multiple cars are purchased by one customer, they would have multiple purchases.
* A service invoice needs to have one customer, and cannot have more
* A customer does not need to have a service invoice
* Horsepower and torque are not currently capable of going above 4 figures
* Mileage is only able to go up to 999,999
* Categories can only consist of exotic, sports, super, hyper, luxury, or other
* Hours worked on a car it broken down to a decimal number (i.e 1 hour 30 minutes will be 1.5 hours)

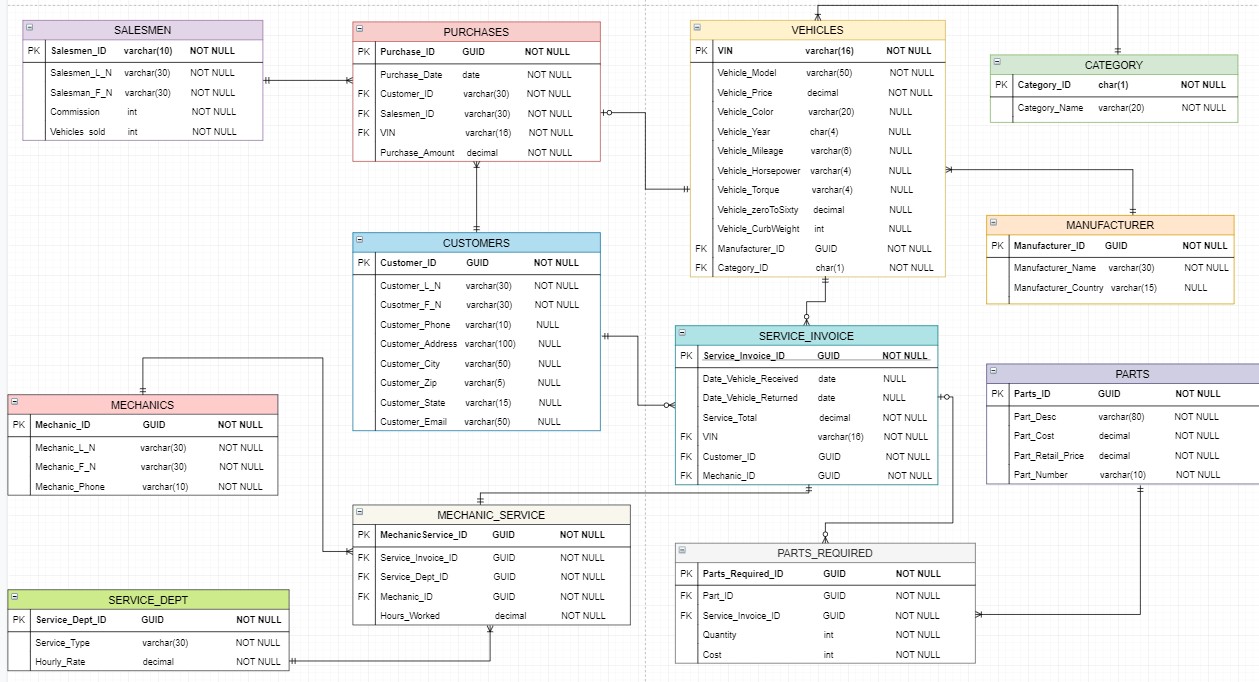
**Assumptions**

* There are no assumptions to note, all questions have been answered and turned into a rule shown above

**Data Dictionary**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **SALESMEN** |  |  |  |
| **Column ID** | **Data Type** | **Key** | **Required** | **Default** | **Remark** |
| Salesman\_ID | varchar(10) | Primary Key | Yes | None | DBMS Supplied |
|  |  |  |  |  | Initial value = 1 |
|  |  |  |  |  | Increment = 1 |
| Salesmen\_L\_N | varchar(30) | No | Yes | None |  |
| Salesmen\_F\_N | varchar(30) | No | Yes | None |  |
| Commission | int | No | Yes | None |  |
| Vehicles\_Sold | int | No | Yes | None | cannot = 0 |
|  |  |  |  |  |  |
|  |  | **PURCHASES** |  |  |  |
| **Column ID** | **Data Type** | **Key** | **Required** | **Default** | **Remark** |
| Purchase\_ID | GUID | Primary Key | Yes | None |  |
| Purchase\_Date | date | No | Yes | None |  |
| Purchase\_Amount | decimal | No | Yes | None |  |
| VIN | varchar(16) | Primary Key | Yes | None | REF: VEHICLES |
|  |  | Foreign Key | Yes | None |  |
| Customer\_ID | GUID | Primary Key | Yes | None | REF: CUSTOMERS |
|  |  | Foreign Key | Yes | None |  |
| Salesmen\_ID | Varchar(10) | Primary Key | Yes | None | REF: SALESMEN |
|  |  | Foreign Key | Yes | None |  |
|  |  |  |  |  |  |
|  |  | **VEHICLES** |  |  |  |
| **Column ID** | **Data Type** | **Key** | **Required** | **Default** | **Remark** |
| VIN | varchar(16) | Primary Key | Yes | None |  |
| Vehicle\_Model | varchar(50) | Primary Key | Yes | None |  |
| Vehicle\_Price | decimal | No | No | None |  |
| Vehicle\_Color | varchar(20) | No | No | None |  |
| Vehicle\_Year | char(4) | No | No | None |  |
| Vehicle\_Mileage | varchar(6) | No | No | None |  |
| Vehicle\_Horsepower | varchar(4) | No | No | None |  |
| Vehicle\_Torque | varchar(4) | No | No | None |  |
| Vehicle\_zeroToSixty | decimal | No | No | None |  |
| Vehicle\_CurbWeight | int | No | No | None |  |
| Manufacturer\_ID | GUID | Primary Key | Yes |  | REF: MANUFACTURER |
|  |  | Foreign Key | Yes |  |  |
| Category\_ID | char(1) | Primary Key | Yes |  | REF: CATEGORY |
|  |  | Foreign Key | Yes |  |  |
|  |  |  |  |  |  |
|  |  | **CUSTOMERS** |  |  |  |
| **Column ID** | **Data Type** | **Key** | **Required** | **Default** | **Remark** |
| Customer\_ID | GUID | Primary Key | Yes | None |  |
| Customer\_L\_N | varchar(30) | No | Yes | None |  |
| Customer\_F\_N | varchar(30) | No | Yes | None |  |
| Customer\_Phone | varchar(10) | No | No | None | Up to front end |
| Customer\_Address | varchar(100) | No | No | None | Up to front end |
| Customer\_City | varchar(30) | No | No | None | Up to front end |
| Customer\_Zip | varchar(5) | No | No | None | Up to front end |
| Customer\_State | varchar(15) | No | No | None | Up to front end |
| Customer\_Email | varchar(50) | No | No | None | Up to front end |
|  |  |  |  |  |  |
|  |  | **SERVICE\_INVOICE** | |  |  |
| **Column ID** | **Data Type** | **Key** | **Required** | **Default** | **Remark** |
| Service\_Invoice\_ID | GUID | Primary Key | Yes | None |  |
| Date\_Vehicle\_Received | date | No | No | None | Format: yyyy-mm-dd |
| Date\_Vehicle\_Sold | date | No | No | None | Format: yyyy-mm-dd |
| Service\_Total | decimal | No | Yes | None |  |
| VIN | varchar(16) | Primary Key | Yes | None | REF: VEHICLES |
|  |  | Foreign Key | Yes | None |  |
| Customer\_ID | GUID | Primary Key | Yes | None | REF: CUSTOMERS |
|  |  | Foreign Key | Yes | None |  |
| Mechanic\_ID | GUID | Primary Key | Yes | None | REF: MECHANICS |
|  |  | Foreign Key | Yes | None |  |
|  |  |  |  |  |  |
|  |  | **MECHANIC\_SERVICE** | |  |  |
| **Column ID** | **Data Type** | **Key** | **Required** | **Default** | **Remark** |
| MechanicService\_ID | GUID | Primary Key | Yes | None |  |
| Service\_Invoice\_ID | GUID | Primary Key | Yes | None | REF: SERVICE\_INVOICE |
|  |  | Foreign Key | Yes | None |  |
| Service\_Dept\_ID | GUID | Primary Key | Yes | None | REF:SERVICE\_DEPT |
|  |  | Foreign Key | Yes | None |  |
| Mechanic\_ID | GUID | Primary Key | Yes | None | REF: MECHANIC |
|  |  | Foreign Key | Yes | None |  |
| Hours\_Worked | Decimal | No | Yes | None |  |
|  |  |  |  |  |  |
|  |  | **PARTS\_REQUIRED** | |  |  |
| **Column ID** | **Data Type** | **Key** | **Required** | **Default** | **Remark** |
| Parts\_Required\_ID | GUID | Primary Key | Yes | None |  |
| Part\_ID | GUID | Primary Key | Yes | None | REF: PARTS |
|  |  | Foreign Key | Yes | None |  |
| Service\_Invoice\_ID | GUID | Primary Key | Yes | None | REF:SERVICE\_INVOICE |
|  |  | Foreign Key | Yes | None |  |
| Quantity | int | int | Yes | None |  |
| Cost | int | int | Yes | None |  |
|  |  |  |  |  |  |
|  |  | **PARTS** |  |  |  |
| **Column ID** | **Data Type** | **Key** | **Required** | **Default** | **Remark** |
| Part\_ID | GUID | Primary Key | Yes | None |  |
| Part\_Desc | varchar(80) | No | Yes | None |  |
| Part\_Cost | decimal | No | Yes | None |  |
| Part\_Retail\_Price | decimal | No | Yes | None |  |
| Part\_Number | varchar(10) | No | Yes | None |  |
|  |  |  |  |  |  |
|  |  | **MECHANICS** |  |  |  |
| **Column ID** | **Data Type** | **Key** | **Required** | **Default** | **Remark** |
| Mechanic\_ID | GUID | Primary Key | Yes | None |  |
| Mechanic\_L\_N | varchar(30) | No | Yes | None |  |
| Mechanic\_F\_N | varchar(30) | No | Yes | None |  |
| Mechanic\_Phone | varchar(10) | No | Yes | None |  |
|  |  |  |  |  |  |
|  |  | **SERVICE\_DEPT** | |  |  |
| **Column ID** | **Data Type** | **Key** | **Required** | **Default** | **Remark** |
| Service\_Dept\_ID | GUID | Primary Key | Yes | None |  |
| Service\_Type | varchar(30) | No | Yes | None |  |
| Hourly\_Rate | Decimal | No | Yes | None |  |
|  |  |  |  |  |  |
|  |  | **MANUFACTURER** | |  |  |
| **Column ID** | **Data Type** | **Key** | **Required** | **Default** | **Remark** |
| Manufacturer\_ID | GUID | Primary Key | Yes | None |  |
| Manufacturer\_Name | varchar(30) | No | Yes | None |  |
| Manufacturer\_Country | varchar(15) | No | No | None |  |
|  |  |  |  |  |  |
|  |  | **CATEGORY** |  |  |  |
| **Column ID** | **Data Type** | **Key** | **Required** | **Default** | **Remark** |
| Category\_ID | char(1) | Primary Key | Yes | None | Format: 1-5 |
| Category\_Name | varchar(20) | No | Yes | None |  |

**Physical Model**



**Appendix**

----- DROPS -----

DROP TABLE PURCHASES

DROP TABLE PARTS\_REQUIRED

DROP TABLE MECHANIC\_SERVICE

DROP TABLE SERVICE\_INVOICE

DROP TABLE VEHICLES

DROP TABLE PARTS

DROP TABLE MECHANICS

DROP TABLE SERVICE\_DEPT

DROP TABLE CUSTOMERS

DROP TABLE SALESMEN

DROP TABLE CATEGORY

DROP TABLE MANUFACTURER

----- CREATES -----

CREATE TABLE PURCHASES

(

Purchase\_ID uniqueidentifier NOT NULL,

Purchase\_Date date NOT NULL,

Customer\_ID uniqueidentifier NOT NULL,

Salesmen\_ID varchar(10) NOT NULL,

VIN varchar(17) NOT NULL,

Purchase\_Amount decimal NOT NULL,

constraint PK\_PURCHASES primary key( Purchase\_ID)

)

CREATE TABLE VEHICLES

(

VIN varchar(17) NOT NULL,

Vehicle\_Model varchar(50) NOT NULL,

Vehicle\_Price decimal NOT NULL,

Vehicle\_Color varchar(20) NULL ,

Vehicle\_Year char(4) NULL ,

Vehicle\_Mileage varchar(6) NULL ,

Vehicle\_Horsepower varchar(4) NULL ,

Vehicle\_Torque varchar(4) NULL ,

Vehicle\_zeroToSixty decimal NULL ,

Vehicle\_CurbWeight int NULL ,

Manufacturer\_ID uniqueidentifier NOT NULL,

Category\_ID char(1) NOT NULL,

constraint PK\_VEHICLES primary key ( VIN )

)

CREATE TABLE MECHANICS

(

Mechanic\_ID uniqueidentifier NOT NULL,

Mechanic\_L\_N varchar(30) NOT NULL,

Mechanic\_F\_N varchar(30) NOT NULL,

Mechanic\_Phone varchar(10) NOT NULL,

constraint PK\_MECHANICS primary key ( Mechanic\_ID)

)

CREATE TABLE CATEGORY

(

Category\_ID char(1) NOT NULL,

Category\_Name varchar(20) NOT NULL,

constraint PK\_CATEGORY primary key ( Category\_ID )

)

CREATE TABLE MANUFACTURER

(

Manufacturer\_ID uniqueidentifier NOT NULL,

Manufacturer\_Name varchar(30) NOT NULL,

Manufacturer\_Country varchar(15) NOT NULL,

constraint PK\_MANUFACTURER primary key ( Manufacturer\_ID )

)

CREATE TABLE PARTS

(

Part\_ID uniqueidentifier NOT NULL,

Part\_Desc varchar(80) NOT NULL,

Part\_Cost decimal NOT NULL,

Part\_Retail\_Price decimal NOT NULL,

Part\_Number varchar(10) NOT NULL,

constraint PK\_PARTS primary key ( Part\_ID )

)

CREATE TABLE PARTS\_REQUIRED

(

Parts\_Required\_ID uniqueidentifier NOT NULL,

Part\_ID uniqueidentifier NOT NULL,

Service\_Invoice\_ID uniqueidentifier NOT NULL,

Quantity int NOT NULL,

Cost int NOT NULL,

constraint PK\_PARTS\_REQUIRED primary key ( Parts\_Required\_ID)

)

CREATE TABLE SERVICE\_INVOICE

(

Service\_Invoice\_ID uniqueidentifier NOT NULL,

Date\_Vehicle\_Received date NULL ,

Date\_Vehicle\_Returned date NULL ,

Service\_Total decimal NOT NULL,

VIN varchar(17) NOT NULL,

Customer\_ID uniqueidentifier NOT NULL,

Mechanic\_ID uniqueidentifier NOT NULL,

constraint SERVICE\_INVOICE\_PK primary key (Service\_Invoice\_ID)

)

CREATE TABLE MECHANIC\_SERVICE

(

MechanicService\_ID uniqueidentifier NOT NULL,

Service\_Invoice\_ID uniqueidentifier NOT NULL,

Service\_Dept\_ID uniqueidentifier NOT NULL,

Mechanic\_ID uniqueidentifier NOT NULL,

Hours\_Worked decimal NOT NULL,

constraint Mechanic\_Service\_PK primary key (MechanicService\_ID)

)

CREATE TABLE SERVICE\_DEPT

(

Service\_Dept\_ID uniqueidentifier NOT NULL,

Service\_Type varchar(30) NOT NULL,

Hourly\_Rate decimal NOT NULL,

constraint SERVICE\_DEPT\_PK primary key (Service\_Dept\_ID)

)

CREATE TABLE CUSTOMERS

(

Customer\_ID uniqueidentifier NOT NULL,

Customer\_L\_N varchar(30) NOT NULL,

Customer\_F\_N varchar(30) NOT NULL,

Customer\_Phone varchar(10) NULL ,

Customer\_Address varchar(100) NULL ,

Customer\_City varchar(50) NULL ,

Customer\_Zip varchar(5) NULL ,

Customer\_State varchar(15) NULL ,

Customer\_Email varchar(50) NULL ,

constraint CUSTOMERS\_PK primary key (Customer\_ID)

)

CREATE TABLE SALESMEN

(

Salesmen\_ID varchar(10) NOT NULL,

Salesmen\_L\_N varchar(30) NOT NULL,

Salesmen\_F\_N varchar(30) NOT NULL,

Commission int NOT NULL,

Vehicles\_Sold int NOT NULL,

constraint PK\_SALESMEN primary key (Salesmen\_ID)

)

----- ALTERS -----

ALTER TABLE PURCHASES

ADD constraint FK\_PURCHASES\_REF\_CUSTOMERS foreign key(Customer\_ID)

REFERENCES CUSTOMERS (Customer\_ID)

ALTER TABLE PURCHASES

ADD constraint FK\_PURCHASES\_REF\_SALESMEN foreign key(Salesmen\_ID)

REFERENCES SALESMEN (Salesmen\_ID)

ALTER TABLE PURCHASES

ADD constraint FK\_PURCHASES\_REF\_VEHICLES foreign key (VIN)

REFERENCES VEHICLES (VIN)

ALTER TABLE VEHICLES

ADD constraint FK\_VEHICLES\_REF\_MANUFACTURER foreign key (Manufacturer\_ID)

REFERENCES MANUFACTURER (Manufacturer\_ID)

ALTER TABLE VEHICLES

ADD constraint FK\_VEHICLES\_REF\_CATEGORY foreign key (Category\_ID)

REFERENCES CATEGORY (Category\_ID)

ALTER TABLE SERVICE\_INVOICE

ADD constraint FK\_SERVICE\_INVOICE\_REF\_VEHICLES foreign key (VIN)

REFERENCES VEHICLES (VIN)

ALTER TABLE SERVICE\_INVOICE

ADD constraint FK\_SERVICE\_INVOICE\_REF\_CUSTOMERS foreign key (Customer\_ID)

REFERENCES CUSTOMERS (Customer\_ID)

ALTER TABLE SERVICE\_INVOICE

ADD constraint FK\_SERVICE\_INVOICE\_REF\_MECHANICS foreign key (Mechanic\_ID)

REFERENCES MECHANICS (Mechanic\_ID)

ALTER TABLE PARTS\_REQUIRED

ADD constraint FK\_PARTS\_REQUIRED\_REF\_PARTS foreign key(Part\_ID)

REFERENCES PARTS (Part\_ID)

ALTER TABLE PARTS\_REQUIRED

ADD constraint FK\_PARTS\_REQUIRED\_REF\_SERVICE\_INVOICE foreign key (Service\_Invoice\_ID)

REFERENCES SERVICE\_INVOICE (Service\_Invoice\_ID)

ALTER TABLE MECHANIC\_SERVICE

ADD constraint FK\_MECHANIC\_SERVICE\_REF\_MECHANICS foreign key (Mechanic\_ID)

REFERENCES MECHANICS (Mechanic\_ID)

ALTER TABLE MECHANIC\_SERVICE

ADD constraint FK\_MECHANIC\_SERVICE\_REF\_SERVICE\_DEPT foreign key (Service\_Dept\_ID)

REFERENCES SERVICE\_DEPT (Service\_Dept\_ID)

ALTER TABLE MECHANIC\_SERVICE

ADD constraint FK\_MECHANIC\_SERVICE\_REF\_SERVICE\_INVOICE foreign key (Service\_Invoice\_ID)

REFERENCES SERVICE\_INVOICE (Service\_Invoice\_ID)

----- INSERTS -----

DECLARE @MANU\_ID\_GUID as uniqueidentifier

SELECT @MANU\_ID\_GUID = NEWID()

DECLARE @MANU\_ID2\_GUID as uniqueidentifier

SELECT @MANU\_ID2\_GUID = NEWID()

DECLARE @MANU\_ID3\_GUID as uniqueidentifier

SELECT @MANU\_ID3\_GUID = NEWID()

DECLARE @MANU\_ID4\_GUID as uniqueidentifier

SELECT @MANU\_ID4\_GUID = NEWID()

DECLARE @MANU\_ID5\_GUID as uniqueidentifier

SELECT @MANU\_ID5\_GUID = NEWID()

DECLARE @MANU\_ID6\_GUID as uniqueidentifier

SELECT @MANU\_ID6\_GUID = NEWID()

DECLARE @MANU\_ID7\_GUID as uniqueidentifier

SELECT @MANU\_ID7\_GUID = NEWID()

DECLARE @MANU\_ID8\_GUID as uniqueidentifier

SELECT @MANU\_ID8\_GUID = NEWID()

DECLARE @MANU\_ID9\_GUID as uniqueidentifier

SELECT @MANU\_ID9\_GUID = NEWID()

DECLARE @MANU\_ID10\_GUID as uniqueidentifier

SELECT @MANU\_ID10\_GUID = NEWID()

DECLARE @MANU\_ID11\_GUID as uniqueidentifier

SELECT @MANU\_ID11\_GUID = NEWID()

DECLARE @MANU\_ID12\_GUID as uniqueidentifier

SELECT @MANU\_ID12\_GUID = NEWID()

DECLARE @MANU\_ID13\_GUID as uniqueidentifier

SELECT @MANU\_ID13\_GUID = NEWID()

DECLARE @MANU\_ID14\_GUID as uniqueidentifier

SELECT @MANU\_ID14\_GUID = NEWID()

DECLARE @MANU\_ID15\_GUID as uniqueidentifier

SELECT @MANU\_ID15\_GUID = NEWID()

DECLARE @MANU\_ID16\_GUID as uniqueidentifier

SELECT @MANU\_ID16\_GUID = NEWID()

DECLARE @MANU\_ID17\_GUID as uniqueidentifier

SELECT @MANU\_ID17\_GUID = NEWID()

DECLARE @MANU\_ID18\_GUID as uniqueidentifier

SELECT @MANU\_ID18\_GUID = NEWID()

DECLARE @MANU\_ID19\_GUID as uniqueidentifier

SELECT @MANU\_ID19\_GUID = NEWID()

DECLARE @MANU\_ID20\_GUID as uniqueidentifier

SELECT @MANU\_ID20\_GUID = NEWID()

DECLARE @SER\_DEP\_ID\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID\_GUID = NEWID()

DECLARE @SER\_DEP\_ID2\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID2\_GUID = NEWID()

DECLARE @SER\_DEP\_ID3\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID3\_GUID = NEWID()

DECLARE @SER\_DEP\_ID4\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID4\_GUID = NEWID()

DECLARE @SER\_DEP\_ID5\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID5\_GUID = NEWID()

DECLARE @SER\_DEP\_ID6\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID6\_GUID = NEWID()

DECLARE @SER\_DEP\_ID7\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID7\_GUID = NEWID()

DECLARE @SER\_DEP\_ID8\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID8\_GUID = NEWID()

DECLARE @SER\_DEP\_ID9\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID9\_GUID = NEWID()

DECLARE @SER\_DEP\_ID10\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID10\_GUID = NEWID()

DECLARE @SER\_DEP\_ID11\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID11\_GUID = NEWID()

DECLARE @SER\_DEP\_ID12\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID12\_GUID = NEWID()

DECLARE @SER\_DEP\_ID13\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID13\_GUID = NEWID()

DECLARE @SER\_DEP\_ID14\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID14\_GUID = NEWID()

DECLARE @SER\_DEP\_ID15\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID15\_GUID = NEWID()

DECLARE @SER\_DEP\_ID16\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID16\_GUID = NEWID()

DECLARE @SER\_DEP\_ID17\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID17\_GUID = NEWID()

DECLARE @SER\_DEP\_ID18\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID18\_GUID = NEWID()

DECLARE @SER\_DEP\_ID19\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID19\_GUID = NEWID()

DECLARE @SER\_DEP\_ID20\_GUID as uniqueidentifier

SELECT @SER\_DEP\_ID20\_GUID = NEWID()

DECLARE @CUSTOMER\_GUID as uniqueidentifier

SELECT @CUSTOMER\_GUID = NEWID()

DECLARE @CUSTOMER2\_GUID as uniqueidentifier

SELECT @CUSTOMER2\_GUID = NEWID()

DECLARE @CUSTOMER3\_GUID as uniqueidentifier

SELECT @CUSTOMER3\_GUID = NEWID()

DECLARE @CUSTOMER4\_GUID as uniqueidentifier

SELECT @CUSTOMER4\_GUID = NEWID()

DECLARE @CUSTOMER5\_GUID as uniqueidentifier

SELECT @CUSTOMER5\_GUID = NEWID()

DECLARE @CUSTOMER6\_GUID as uniqueidentifier

SELECT @CUSTOMER6\_GUID = NEWID()

DECLARE @CUSTOMER7\_GUID as uniqueidentifier

SELECT @CUSTOMER7\_GUID = NEWID()

DECLARE @CUSTOMER8\_GUID as uniqueidentifier

SELECT @CUSTOMER8\_GUID = NEWID()

DECLARE @CUSTOMER9\_GUID as uniqueidentifier

SELECT @CUSTOMER9\_GUID = NEWID()

DECLARE @CUSTOMER10\_GUID as uniqueidentifier

SELECT @CUSTOMER10\_GUID = NEWID()

DECLARE @CUSTOMER11\_GUID as uniqueidentifier

SELECT @CUSTOMER11\_GUID = NEWID()

DECLARE @CUSTOMER12\_GUID as uniqueidentifier

SELECT @CUSTOMER12\_GUID = NEWID()

DECLARE @CUSTOMER13\_GUID as uniqueidentifier

SELECT @CUSTOMER13\_GUID = NEWID()

DECLARE @CUSTOMER14\_GUID as uniqueidentifier

SELECT @CUSTOMER14\_GUID = NEWID()

DECLARE @CUSTOMER15\_GUID as uniqueidentifier

SELECT @CUSTOMER15\_GUID = NEWID()

DECLARE @CUSTOMER16\_GUID as uniqueidentifier

SELECT @CUSTOMER16\_GUID = NEWID()

DECLARE @CUSTOMER17\_GUID as uniqueidentifier

SELECT @CUSTOMER17\_GUID = NEWID()

DECLARE @CUSTOMER18\_GUID as uniqueidentifier

SELECT @CUSTOMER18\_GUID = NEWID()

DECLARE @CUSTOMER19\_GUID as uniqueidentifier

SELECT @CUSTOMER19\_GUID = NEWID()

DECLARE @CUSTOMER20\_GUID as uniqueidentifier

SELECT @CUSTOMER20\_GUID = NEWID()

DECLARE @PART\_GUID as uniqueidentifier

SELECT @PART\_GUID = NEWID()

DECLARE @PART2\_GUID as uniqueidentifier

SELECT @PART2\_GUID = NEWID()

DECLARE @PART3\_GUID as uniqueidentifier

SELECT @PART3\_GUID = NEWID()

DECLARE @PART4\_GUID as uniqueidentifier

SELECT @PART4\_GUID = NEWID()

DECLARE @PART5\_GUID as uniqueidentifier

SELECT @PART5\_GUID = NEWID()

DECLARE @PART6\_GUID as uniqueidentifier

SELECT @PART6\_GUID = NEWID()

DECLARE @PART7\_GUID as uniqueidentifier

SELECT @PART7\_GUID = NEWID()

DECLARE @PART8\_GUID as uniqueidentifier

SELECT @PART8\_GUID = NEWID()

DECLARE @PART9\_GUID as uniqueidentifier

SELECT @PART9\_GUID = NEWID()

DECLARE @PART10\_GUID as uniqueidentifier

SELECT @PART10\_GUID = NEWID()

DECLARE @PART11\_GUID as uniqueidentifier

SELECT @PART11\_GUID = NEWID()

DECLARE @PART12\_GUID as uniqueidentifier

SELECT @PART12\_GUID = NEWID()

DECLARE @PART13\_GUID as uniqueidentifier

SELECT @PART13\_GUID = NEWID()

DECLARE @PART14\_GUID as uniqueidentifier

SELECT @PART14\_GUID = NEWID()

DECLARE @PART15\_GUID as uniqueidentifier

SELECT @PART15\_GUID = NEWID()

DECLARE @PART16\_GUID as uniqueidentifier

SELECT @PART16\_GUID = NEWID()

DECLARE @PART17\_GUID as uniqueidentifier

SELECT @PART17\_GUID = NEWID()

DECLARE @PART18\_GUID as uniqueidentifier

SELECT @PART18\_GUID = NEWID()

DECLARE @PART19\_GUID as uniqueidentifier

SELECT @PART19\_GUID = NEWID()

DECLARE @PART20\_GUID as uniqueidentifier

SELECT @PART20\_GUID = NEWID()

DECLARE @MECHANIC\_GUID as uniqueidentifier

SELECT @MECHANIC\_GUID = NEWID()

DECLARE @MECHANIC2\_GUID as uniqueidentifier

SELECT @MECHANIC2\_GUID = NEWID()

DECLARE @MECHANIC3\_GUID as uniqueidentifier

SELECT @MECHANIC3\_GUID = NEWID()

DECLARE @MECHANIC4\_GUID as uniqueidentifier

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DECLARE @REQUIRED19\_GUID as uniqueidentifier

SELECT @REQUIRED19\_GUID = NEWID()

DECLARE @REQUIRED20\_GUID as uniqueidentifier

SELECT @REQUIRED20\_GUID = NEWID()

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID\_GUID, 'Audi', 'Germany')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID2\_GUID, 'BMW', 'Germany')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID3\_GUID, 'Porsche', 'Germany')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID4\_GUID, 'Mercedes-Benz', 'Germany')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID5\_GUID, 'Lamborghini', 'Italy')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID6\_GUID, 'Ferrari', 'Italy')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID7\_GUID, 'Aston Martin', 'UK')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID8\_GUID, 'McLaren', 'UK')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID9\_GUID, 'Bugatti', 'Germany')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID10\_GUID, 'Bentley', 'UK')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID11\_GUID, 'Maserati', 'Italy')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID12\_GUID, 'Lexus', 'Japan')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID13\_GUID, 'Infiniti', 'Japan')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID14\_GUID, 'Jaguar', 'UK')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID15\_GUID, 'Nissan', 'Japan')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID16\_GUID, 'Ford', 'North America')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID17\_GUID, 'Rolls Royce', 'UK')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID18\_GUID, 'Alfa Romeo', 'Italy')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID19\_GUID, 'Tesla', 'North America')

INSERT INTO MANUFACTURER( Manufacturer\_ID, Manufacturer\_Name,

Manufacturer\_Country)

VALUES(@MANU\_ID20\_GUID, 'Koenigsegg', 'Sweden')

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID\_GUID, 'Audi Specialist', 75.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID2\_GUID, 'BMW Specialist', 75.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID3\_GUID, 'Mercedes-Benz Specialist', 75.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID4\_GUID, 'Porsche Specialist', 75.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID5\_GUID, 'Lamborghini Specialist', 200.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID6\_GUID, 'Ferrari Specialist', 250.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID7\_GUID, 'Aston Martin Specialist', 150.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID8\_GUID, 'McLaren Specialist', 250.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID9\_GUID, 'Bugatti Specialist', 500.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID10\_GUID, 'Bentley Specialist', 150.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID11\_GUID, 'Maserati Specialist', 150.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID12\_GUID, 'Lexus Specialist', 55.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID13\_GUID, 'Infiniti Specialist', 55.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID14\_GUID, 'Jaguar Specialist', 95.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID15\_GUID, 'Nissan Specialist', 50.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID16\_GUID, 'Ford Specialist', 50.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID17\_GUID, 'Rolls Royce Specialist', 300.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID18\_GUID, 'Alfa Romeo Specialist', 150.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID19\_GUID, 'Tesla Specialist', 200.00)

INSERT INTO SERVICE\_DEPT( Service\_Dept\_ID, Service\_Type,

Hourly\_Rate)

VALUES(@SER\_DEP\_ID20\_GUID, 'Koenigsegg Specialist', 1000.00)

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER\_GUID, 'Piper', 'Chandra', '2152342323', '103 Rocky Lane',

'Gilbertsville', '19525', 'PA', 'Cpiper@gmail.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER2\_GUID, 'Jordi', 'Quintinus', '6105272350', '110 Random Drive',

'Nowhereville', '14453', 'VA', 'Jquintinus@yahoo.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER3\_GUID, 'Lancu', 'Swanhilde', '2672341400', '2423 Database Street',

'Dataville', '12222', 'FL', 'Lswanhilde@gmail.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER4\_GUID, 'Guinone', 'Leta', '2156924554', '200 Mountainview Lane',

'Royersford', '19468', 'PA', 'Lguinone@aol.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER5\_GUID, 'Trudi', 'Rajani', '3132342723', '405 Crystal Road',

'Atlanta', '19525', 'GA', 'Rtrudi@gmail.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER6\_GUID, 'Paulina', 'Anwar', '5555555555', '555 Five Drive',

'Fivetown', '55555', 'CA', 'Five@hotmail.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER7\_GUID, 'Gayathri', 'Titus', '4444444444', '444 Four Road',

'Fourville', '44444', 'MA', 'Four@fake.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER8\_GUID, 'Augusta', 'Alexandra', '1111111111', '111 OneOne Ave',

'Oneford', '11111', 'PA', 'Oneeeeeee@gmail.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER9\_GUID, 'Brahma', 'Hilde', '1234567890', '123 Icancount Lane',

'Countingville', '12345', 'CO', 'Countnumbers@yahoo.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER10\_GUID, 'Ryder', 'Thor', '2152152155', '215 Randomnames Lane',

'Philadelphia', '14132', 'PA', 'Tryder@gmail.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER11\_GUID, 'Ivonette', 'Tuur', '2223334444', '234 Repetitive Lane',

'Repetitiontown', '22335', 'MD', 'Repeat@yahoo.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER12\_GUID, 'Baishan', 'Henrietta', '1231230000', '1234 Outofideas Circle',

'Endingville', '12333', 'WA', 'Hbaishan@aol.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER13\_GUID, 'Teofila', 'Poyraz', '2126928434', '3447 Foxrun Square',

'Perkiomenville', '18074', 'PA', 'Tpoyraz@gmail.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER14\_GUID, 'Pinja', 'Sampo', '2158964444', '104 Providence Road',

'Collegeville', '19468', 'PA', 'SPinja@gmail.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER15\_GUID, 'Ella', 'Soroush', '2152342323', '103 Rocky Lane',

'Gilbertsville', '19525', 'PA', 'Cpiper@gmail.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER16\_GUID, 'Hendrick', 'Guy', '2155552222', '2222 Icy Lane',

'Randomville', '19191', 'NJ', 'Ghendrick@yahoo.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER17\_GUID, 'Bandile', 'Jandwan', '2153451010', '120 Holly Lane',

'Royersford', '19468', 'PA', 'JBandile@gmail.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER18\_GUID, 'Gellert', 'Maayan', '0000000000', '3000 Future Circle',

'Phoenixville', '48734', 'PA', 'MGellert@gmail.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER19\_GUID, 'Liga', 'Mattheus', '9992349999', '1034 Drop Lane',

'Blue Bell', '55555', 'PA', 'MLiga@gmail.com')

INSERT INTO CUSTOMERS( Customer\_ID, Customer\_L\_N, Customer\_F\_N,

Customer\_Phone, Customer\_Address, Customer\_City, Customer\_Zip,

Customer\_State, Customer\_Email)

VALUES(@CUSTOMER20\_GUID, 'Abdul', 'Hyledd', '7777777777', '1212 Lastone Lane',

'Pottstown', '19464', 'PA', 'Habdul@gmail.com')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART\_GUID, 'Rear Axle', 1200.00, 2000.00, '1000000001')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART2\_GUID, 'Exhaust', 500.00, 2000.00, '1000000002')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART3\_GUID, 'Fuel Injector', 500.00, 1250.00, '1000000003')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART4\_GUID, 'Turbo', 3000.00, 4500.00, '1000000004')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART5\_GUID, 'Brake Pads', 30.00, 100.00, '1000000005')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART6\_GUID, 'Tires (4)', 750.00, 1200.00, '1000000006')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART7\_GUID, 'Headlight', 700.00, 1200.00, '1000000007')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART8\_GUID, 'Wheels', 30000.00, 41000.00, '1000000008')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART9\_GUID, 'Electronics', 4500.00, 7000.00, '1000000009')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART10\_GUID, 'Oil', 15.00, 60.00, '1000000010')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART11\_GUID, 'Fuel Pump', 1200.00, 2000.00, '1000000011')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART12\_GUID, 'Water Pump', 1200.00, 2000.00, '1000000012')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART13\_GUID, 'Transmission', 4000.00, 7000.00, '1000000013')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART14\_GUID, 'Engine', 10000.00, 15000.00, '1000000014')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART15\_GUID, 'Spark Plugs', 300.00, 750.00, '1000000015')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART16\_GUID, 'Coil Packs', 300.00, 750.00, '1000000016')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART17\_GUID, 'Windshield', 150.00, 300.00, '1000000017')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART18\_GUID, 'Drivers seat', 500.00, 780.00, '1000000018')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART19\_GUID, 'Serpentine Belt', 200.00, 400.00, '1000000019')

INSERT INTO PARTS( Part\_ID, Part\_Desc, Part\_Cost, Part\_Retail\_Price,

Part\_Number)

VALUES(@PART20\_GUID, 'Tie rod', 100.00, 200.00, '1000000020')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC\_GUID, 'Casey', 'Shula','2152152151')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC2\_GUID, 'Seela', 'Rhian','1234567890')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC3\_GUID, 'Omobolanle', 'Menahem','7067096983')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC4\_GUID, 'Cyril', 'Zopyros','5072303888')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC5\_GUID, 'Adore', 'Terenti','408441736')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC6\_GUID, 'Matija', 'Sunil','7728911999')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC7\_GUID, 'Theodoard', 'Dubaku','295512684')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC8\_GUID, 'Folami', 'Armando','3907874572')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC9\_GUID, 'Nsia', 'Uttara','8059035410')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC10\_GUID, 'Rosario', 'Imamu','8022822336')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC11\_GUID, 'Jeremiasz', 'Anil','9152816048')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC12\_GUID, 'Pyrrhus', 'Celestin','2389518749')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC13\_GUID, 'Garret', 'Navin','4273881580')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC14\_GUID, 'Guanting', 'Balbus','8205357463')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC15\_GUID, 'Boos', 'Kyros','9537128314')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC16\_GUID, 'Kayode', 'Roshan','8388792214')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC17\_GUID, 'Dae-Seong', 'Krishna','4215479560')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC18\_GUID, 'Peter', 'Gebhard','6597359143')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC19\_GUID, 'Edmundo', 'Fereydoon','8903308762')

INSERT INTO MECHANICS( Mechanic\_ID, Mechanic\_L\_N, Mechanic\_F\_N,

Mechanic\_Phone)

VALUES(@MECHANIC20\_GUID, 'Nguyen', 'Radu','7048761953')

INSERT INTO CATEGORY( Category\_ID, Category\_Name)

VALUES(1, 'Hyper')

INSERT INTO CATEGORY( Category\_ID, Category\_Name)

VALUES(2, 'Super')

INSERT INTO CATEGORY( Category\_ID, Category\_Name)

VALUES(3, 'Sports')

INSERT INTO CATEGORY( Category\_ID, Category\_Name)

VALUES(4, 'Luxury')

INSERT INTO CATEGORY( Category\_ID, Category\_Name)

VALUES(5, 'Exotic')

INSERT INTO CATEGORY( Category\_ID, Category\_Name)

VALUES(6, 'Other')

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'WUAWAAFC6HN903012', 'RS7', 119450.00, 'Nardo Grey', '2017',

'128', '605', '506', 3.7, 4497, @MANU\_ID\_GUID, 2)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'WBS8M9C57J5J80125', 'M3', 81200.00, 'Grey', '2018',

'52', '425', '406', 4.0, 3494, @MANU\_ID2\_GUID, 3)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'WP0CA2A13FS800527', '918 Spyder', 1700000.00, 'Silver', '2016',

'2200', '887', '944', 2.2, 3602, @MANU\_ID3\_GUID, 1)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'WDDWF8HB6HF412273', 'C63 S', 81000.00, 'Black', '2017',

'20000', '506', '516', 3.8, 3987, @MANU\_ID4\_GUID, 3)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'ZHWUR2ZF3KLA11306', 'Huracan Spyder', 212500.00, 'White', '2019',

'5', '580', '398', 2.8, 3399, @MANU\_ID5\_GUID, 2)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'ZFF68NHAXF0210693', '458', 225999.00, 'Red', '2015',

'1200', '562', '398', 3.4, 3384, @MANU\_ID6\_GUID, 2)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'SCFHMDBS1GGF05483 ', 'V12 Vantage', 95000.00, 'White', '2016',

'25000', '510', '420', 4.1, 3671, @MANU\_ID7\_GUID, 4)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'SBM12ABA7FW000312', 'P1', 3000000.00, 'Volcano Orange', '2013',

'323', '903', '664', 2.5, 3411, @MANU\_ID8\_GUID, 1)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'VF9SP3V32JM795048 ', 'Chrion', 3000000.00, 'White', '2018',

'52', '1500', '1180', 2.4, 4400, @MANU\_ID9\_GUID, 1)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'SCBGB3ZAXJC067570', 'Continental GT Super Sport', 265000.00, 'Green', '2017',

'4000', '700', '750', 3.4, 5115, @MANU\_ID10\_GUID, 2)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'ZAM45VMA4K0322397', 'Gran Turismo Sport', 150380.00, 'Grey', '2019',

'12', '454', '384', 4.5, 4365, @MANU\_ID11\_GUID, 3)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'JTHHP5BC2J5006789', 'RC-F', 80000.00, 'Orange', '2018',

'3000', '467', '389', 4.1, 3959, @MANU\_ID12\_GUID, 3)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'JN1FV7AP8JM460844', 'Q50 Red Sport 400', 81200.00, 'Graphite Shadow', '2018',

'128', '400', '350', 4.5, 4000, @MANU\_ID13\_GUID, 4)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'SAJWJ6J81HMK43711 ', 'F-Type SVR', 123000.00, 'Blue', '2017',

'4', '575', '516', 3.5, 3759, @MANU\_ID14\_GUID, 3)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'JN1AR5EF7KM750031', 'GTR', 100000.00, 'White', '2018',

'52', '565', '467', 2.7, 3836, @MANU\_ID15\_GUID, 2)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( '1FAFP90SX5Y401310 ', 'GT', 400000.00, 'Nardo Grey', '2005',

'5000', '550', '500', 3.5, 3485, @MANU\_ID16\_GUID, 2)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'SCA664S55CUX50863 ', 'Phantom', 450000.00, 'Black', '2018',

'52', '453', '531', 5.5, 5710, @MANU\_ID17\_GUID, 4)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'ZARFAEAV2J7570126', 'Guilia Quadrifoglio', 75000.00, 'Red', '2017',

'45', '505', '443', 3.8, 3360, @MANU\_ID18\_GUID, 3)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( '5YJSA1E41JF236456 ', 'Model S P100D', 133000.00, 'Black', '2018',

'52', '588', '920', 2.0, 4941, @MANU\_ID19\_GUID, 6)

INSERT INTO VEHICLES( VIN, Vehicle\_Model, Vehicle\_Price,

Vehicle\_Color, Vehicle\_Year, Vehicle\_Mileage,

Vehicle\_Horsepower, Vehicle\_Torque,

Vehicle\_zeroToSixty, Vehicle\_CurbWeight, Manufacturer\_ID,

Category\_ID)

VALUES( 'YT9ML2A28FA007125', 'Agera rs', 2500000.00, 'White/Gold', '2017',

'128', '1176', '940', 2.9, 3164, @MANU\_ID20\_GUID, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0001', 'Hebert', 'Matthew', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0002', 'Squires', 'Darcey', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0003', 'Wren', 'Charlton', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0004', 'Travers', 'Hakeem', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0005', 'Blaese', 'Sonnie', 25, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0006', 'Warren', 'Warwick', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0007', 'Fraser', 'Jett', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0008', 'Hunt', 'Aaron', 5, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0009', 'Moreno', 'Carwyn', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0010', 'Lawrence', 'Ingrid', 25, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0011', 'Wolfe', 'Ashlee', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0012', 'Malachi', 'Davison', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0013', 'Mccallum', 'Jonus', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0014', 'Fields', 'Aaran', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0015', 'Cooley', 'Azaan', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0016', 'Griffin', 'Joy', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0017', 'Greenwood', 'Charlton', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0018', 'Crause', 'Jonty', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0019', 'Workman', 'Safwan', 15, 1)

INSERT INTO SALESMEN( Salesmen\_ID, Salesmen\_L\_N, Salesmen\_F\_N, Commission,

Vehicles\_Sold)

VALUES('ABCXYZ0020', 'Ware', 'Declan', 15, 1)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE\_GUID, '2019-4-17', '2019-4-19', 2375,

'WUAWAAFC6HN903012' , @CUSTOMER\_GUID, @MECHANIC\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE2\_GUID, '2019-4-17', '2019-4-19', 2225,

'WBS8M9C57J5J80125' , @CUSTOMER2\_GUID, @MECHANIC2\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE3\_GUID, '2019-4-17', '2019-4-19', 875,

'WP0CA2A13FS800527' , @CUSTOMER3\_GUID, @MECHANIC3\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE4\_GUID, '2019-4-17', '2019-4-19', 4575,

'WDDWF8HB6HF412273' , @CUSTOMER4\_GUID, @MECHANIC4\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE5\_GUID, '2019-4-17', '2019-4-19', 2500,

'ZHWUR2ZF3KLA11306' , @CUSTOMER5\_GUID, @MECHANIC5\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE6\_GUID, '2019-4-17', '2019-4-19', 2450,

'ZFF68NHAXF0210693' , @CUSTOMER6\_GUID, @MECHANIC6\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE7\_GUID, '2019-4-17', '2019-4-19', 2400,

'SCFHMDBS1GGF05483' , @CUSTOMER7\_GUID, @MECHANIC7\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE8\_GUID, '2019-4-17', '2019-4-19', 7750,

'SBM12ABA7FW000312' , @CUSTOMER8\_GUID, @MECHANIC8\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE9\_GUID, '2019-4-17', '2019-4-19', 51000,

'VF9SP3V32JM795048' , @CUSTOMER9\_GUID, @MECHANIC9\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE10\_GUID, '2019-4-17', '2019-4-19', 360,

'SCBGB3ZAXJC067570' , @CUSTOMER10\_GUID, @MECHANIC10\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE11\_GUID, '2019-4-17', '2019-4-19', 2750,

'ZAM45VMA4K0322397' , @CUSTOMER11\_GUID, @MECHANIC11\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE12\_GUID, '2019-4-17', '2019-4-19', 2275,

'JTHHP5BC2J5006789' , @CUSTOMER12\_GUID, @MECHANIC12\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE13\_GUID, '2019-4-17', '2019-4-19', 7055,

'JN1FV7AP8JM460844' , @CUSTOMER13\_GUID, @MECHANIC13\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE14\_GUID, '2019-4-17', '2019-4-19', 16425,

'SAJWJ6J81HMK43711' , @CUSTOMER14\_GUID, @MECHANIC14\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE15\_GUID, '2019-4-17', '2019-4-19', 950,

'JN1AR5EF7KM750031' , @CUSTOMER15\_GUID, @MECHANIC15\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE16\_GUID, '2019-4-17', '2019-4-19', 900,

'1FAFP90SX5Y401310' , @CUSTOMER16\_GUID, @MECHANIC16\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE17\_GUID, '2019-4-17', '2019-4-19', 1800,

'SCA664S55CUX50863' , @CUSTOMER17\_GUID, @MECHANIC17\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE18\_GUID, '2019-4-17', '2019-4-19', 1530,

'ZARFAEAV2J7570126' , @CUSTOMER18\_GUID, @MECHANIC18\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE19\_GUID, '2019-4-17', '2019-4-19', 3000,

'5YJSA1E41JF236456' , @CUSTOMER19\_GUID, @MECHANIC19\_GUID)

INSERT INTO SERVICE\_INVOICE( Service\_Invoice\_ID,

Date\_Vehicle\_Received, Date\_Vehicle\_Returned,

Service\_Total, VIN, Customer\_ID, Mechanic\_ID)

VALUES(@SERVICE20\_GUID, '2019-4-17', '2019-4-19', 9200,

'YT9ML2A28FA007125' , @CUSTOMER20\_GUID, @MECHANIC20\_GUID)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED\_GUID, @PART\_GUID, @SERVICE\_GUID, 1,

2000)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED2\_GUID, @PART2\_GUID, @SERVICE2\_GUID, 1,

2000)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED3\_GUID, @PART3\_GUID, @SERVICE3\_GUID, 1,

1250)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED4\_GUID, @PART4\_GUID, @SERVICE4\_GUID, 1,

4500)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED5\_GUID, @PART5\_GUID, @SERVICE5\_GUID, 1,

100)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED6\_GUID, @PART6\_GUID, @SERVICE6\_GUID, 1,

1200)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED7\_GUID, @PART7\_GUID, @SERVICE7\_GUID, 1,

1200)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED8\_GUID, @PART9\_GUID, @SERVICE9\_GUID, 1,

7000)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED9\_GUID, @PART8\_GUID, @SERVICE8\_GUID, 1,

40000)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED10\_GUID, @PART10\_GUID, @SERVICE10\_GUID, 1,

60)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED11\_GUID, @PART11\_GUID, @SERVICE11\_GUID, 1,

1200)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED12\_GUID, @PART12\_GUID, @SERVICE12\_GUID, 1,

1200)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED13\_GUID, @PART13\_GUID, @SERVICE13\_GUID, 1,

4000)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED14\_GUID, @PART14\_GUID, @SERVICE14\_GUID, 1,

15000)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED15\_GUID, @PART15\_GUID, @SERVICE15\_GUID, 1,

750)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED16\_GUID, @PART16\_GUID, @SERVICE16\_GUID, 1,

750)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED17\_GUID, @PART17\_GUID, @SERVICE17\_GUID, 1,

300)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED18\_GUID, @PART18\_GUID, @SERVICE18\_GUID, 1,

780)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED19\_GUID, @PART19\_GUID, @SERVICE19\_GUID, 1,

400)

INSERT INTO PARTS\_REQUIRED( Parts\_Required\_ID, Part\_ID, Service\_Invoice\_ID,

Quantity, Cost)

VALUES( @REQUIRED20\_GUID, @PART20\_GUID, @SERVICE20\_GUID, 1,

200)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE\_GUID, @SER\_DEP\_ID\_GUID, @MECHANIC\_GUID, 5)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE2\_GUID, @SER\_DEP\_ID2\_GUID, @MECHANIC2\_GUID, 3)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE3\_GUID, @SER\_DEP\_ID3\_GUID, @MECHANIC3\_GUID, 5)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE4\_GUID, @SER\_DEP\_ID4\_GUID, @MECHANIC4\_GUID, 1)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE5\_GUID, @SER\_DEP\_ID5\_GUID, @MECHANIC5\_GUID, 12)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE6\_GUID, @SER\_DEP\_ID6\_GUID, @MECHANIC6\_GUID, 5)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE7\_GUID, @SER\_DEP\_ID7\_GUID, @MECHANIC7\_GUID, 8)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE8\_GUID, @SER\_DEP\_ID8\_GUID, @MECHANIC8\_GUID, 3)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE9\_GUID, @SER\_DEP\_ID9\_GUID, @MECHANIC9\_GUID, 20)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE10\_GUID, @SER\_DEP\_ID10\_GUID, @MECHANIC10\_GUID, 2)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE11\_GUID, @SER\_DEP\_ID11\_GUID, @MECHANIC11\_GUID, 5)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE12\_GUID, @SER\_DEP\_ID12\_GUID, @MECHANIC12\_GUID, 5)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE13\_GUID, @SER\_DEP\_ID13\_GUID, @MECHANIC13\_GUID, 1)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE14\_GUID, @SER\_DEP\_ID14\_GUID, @MECHANIC14\_GUID, 15)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE15\_GUID, @SER\_DEP\_ID15\_GUID, @MECHANIC15\_GUID, 4)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE16\_GUID, @SER\_DEP\_ID16\_GUID, @MECHANIC16\_GUID, 3)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE17\_GUID, @SER\_DEP\_ID17\_GUID, @MECHANIC17\_GUID, 5)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE18\_GUID, @SER\_DEP\_ID18\_GUID, @MECHANIC18\_GUID, 5)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE19\_GUID, @SER\_DEP\_ID19\_GUID, @MECHANIC19\_GUID, 13)

INSERT INTO MECHANIC\_SERVICE( MechanicService\_ID, Service\_Invoice\_ID, Service\_Dept\_ID,

Mechanic\_ID, Hours\_Worked)

VALUES( NEWID(), @SERVICE20\_GUID, @SER\_DEP\_ID20\_GUID, @MECHANIC20\_GUID, 9)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER\_GUID, 'ABCXYZ0001',

'WUAWAAFC6HN903012', 119450.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER2\_GUID, 'ABCXYZ0002',

'WBS8M9C57J5J80125', 81200.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER3\_GUID, 'ABCXYZ0003',

'WP0CA2A13FS800527', 1700000.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER4\_GUID, 'ABCXYZ0004',

'WDDWF8HB6HF412273', 81000.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER5\_GUID, 'ABCXYZ0005',

'ZHWUR2ZF3KLA11306', 212500.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER6\_GUID, 'ABCXYZ0006',

'ZFF68NHAXF0210693', 225999.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER7\_GUID, 'ABCXYZ0007',

'SCFHMDBS1GGF05483', 95000.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER8\_GUID, 'ABCXYZ0008',

'SBM12ABA7FW000312', 3000000.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER9\_GUID, 'ABCXYZ0009',

'VF9SP3V32JM795048', 3000000.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER10\_GUID, 'ABCXYZ0010',

'SCBGB3ZAXJC067570', 265000.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER11\_GUID, 'ABCXYZ0011',

'ZAM45VMA4K0322397', 150380.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER12\_GUID, 'ABCXYZ0012',

'JN1FV7AP8JM460844', 80000.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER13\_GUID, 'ABCXYZ0013',

'JN1FV7AP8JM460844', 81200.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER14\_GUID, 'ABCXYZ0014',

'SAJWJ6J81HMK43711', 123000.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER15\_GUID, 'ABCXYZ0015',

'JN1AR5EF7KM750031', 100000.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER16\_GUID, 'ABCXYZ0016',

'1FAFP90SX5Y401310', 400000.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER17\_GUID, 'ABCXYZ0017',

'SCA664S55CUX50863', 450000.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER18\_GUID, 'ABCXYZ0018',

'ZARFAEAV2J7570126', 75000.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER19\_GUID, 'ABCXYZ0019',

'5YJSA1E41JF236456', 133000.00)

INSERT INTO PURCHASES( Purchase\_ID, Purchase\_Date, Customer\_ID, Salesmen\_ID,

VIN, Purchase\_Amount)

VALUES( NEWID(), '2019-04-19', @CUSTOMER20\_GUID, 'ABCXYZ0020',

'YT9ML2A28FA007125', 2500000.00)

**SAMPLE OF QUERIES**

If statements that will drop the created view before new ones are created if one with a matching name exists

if OBJECT\_ID('DisplayVehicles') is not null

DROP VIEW DisplayVehicles

if OBJECT\_ID('HighHorsepower') is not null

DROP VIEW HighHorsepower

if OBJECT\_ID('HugeBill') is not null

DROP VIEW HugeBill

if OBJECT\_ID('MechanicHours') is not null

DROP VIEW MechanicHours

if OBJECT\_ID('DisplayCategory') is not null

DROP VIEW DisplayCategory

if OBJECT\_ID('DisplayNeededParts') is not null

DROP VIEW DisplayNeededParts

if OBJECT\_ID('MassivePurchase' ) is not null

DROP VIEW MassivePurchase

if OBJECT\_ID('DisplayNested') is not null

DROP VIEW DisplayNested

Go

Example: Report to show all columns from the SERVICE\_INVOICE table with a part that is at least $1000

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* report nested query with 3 tables \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

CREATE VIEW DisplayNested

AS SELECT \*

FROM SERVICE\_INVOICE

WHERE SERVICE\_INVOICE.Service\_Invoice\_ID IN (

SELECT DISTINCT PARTS\_REQUIRED.Service\_Invoice\_ID

FROM PARTS\_REQUIRED

WHERE PARTS\_REQUIRED.Part\_ID IN (

SELECT DISTINCT PARTS.Part\_ID

FROM PARTS

WHERE Part\_Cost > 1000))

Go

Example: Report to show vehicle purchases that are in excess of $200,000

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* report containing 4 tables with a where and order by \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

CREATE VIEW MassivePurchase

AS SELECT Vehicle\_Model, Vehicle\_Price, Customer\_F\_N, Customer\_L\_N, Salesmen\_F\_N,

SALESMEN\_L\_N, PURCHASES.Purchase\_Amount, PURCHASES.Purchase\_Date

FROM PURCHASES

JOIN PURCHASES P ON P.Purchase\_ID = PURCHASES.Purchase\_ID

JOIN SALESMEN S ON S.Salesmen\_ID = PURCHASES.Salesmen\_ID

JOIN VEHICLES V ON V.VIN = PURCHASES.VIN

JOIN CUSTOMERS C ON C.Customer\_ID = PURCHASES.Customer\_ID

WHERE Vehicle\_Price > 200000

Go

Example: Displays the category of each vehicle along with its manufacturer, and country

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* report containing 3 tables w/o a where \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

CREATE VIEW DisplayCategory

AS SELECT Manufacturer\_Name, VEHICLES.Vehicle\_Model, Category\_Name, Manufacturer\_Country

FROM VEHICLES

JOIN VEHICLES V ON V.VIN = VEHICLES.VIN

JOIN CATEGORY C ON C.Category\_ID = VEHICLES.Category\_ID

JOIN MANUFACTURER M ON M.Manufacturer\_ID = VEHICLES.Manufacturer\_ID

Go

Example: Report that shows which services cost more than $1000 in total

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* report containing 3 tables with a where \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

CREATE VIEW DisplayNeededParts

AS SELECT VIN, Part\_Desc, PARTS\_REQUIRED.Cost, Service\_Total

FROM PARTS\_REQUIRED

JOIN PARTS\_REQUIRED P ON P.Parts\_Required\_ID = PARTS\_REQUIRED.Parts\_Required\_ID

JOIN PARTS P1 ON P1.Part\_ID = PARTS\_REQUIRED.Part\_ID

JOIN SERVICE\_INVOICE S ON S.Service\_Invoice\_ID = PARTS\_REQUIRED.Service\_Invoice\_ID

WHERE Service\_Total > 1000

Go

Example: Report to show the hours a mechanic worked on a certain service

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* report containing 2 tables w/o a where \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

CREATE VIEW MechanicHours

AS SELECT Mechanic\_F\_N, Mechanic\_L\_N, MECHANIC\_SERVICE.Hours\_Worked

FROM MECHANIC\_SERVICE

JOIN MECHANIC\_SERVICE M ON M.MechanicService\_ID = MECHANIC\_SERVICE.MechanicService\_ID

JOIN MECHANICS M1 ON M1.Mechanic\_ID = MECHANIC\_SERVICE.Mechanic\_ID

Go

Example: Report to show vehicles with over 1000 horsepower

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* report containing 2 tables with a where \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

CREATE VIEW HugeBill

AS SELECT Vehicle\_year, Vehicle\_Model, SERVICE\_INVOICE.Service\_Total

FROM SERVICE\_INVOICE

JOIN SERVICE\_INVOICE S ON S.Service\_Invoice\_ID = SERVICE\_INVOICE.Service\_Invoice\_ID

JOIN VEHICLES V ON V.VIN = SERVICE\_INVOICE.VIN

WHERE SERVICE\_INVOICE.Service\_Total > 20000

Go

Example: Report to show vehicles with over 1000 horsepower

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* report containing 1 tables with a where \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

CREATE VIEW HighHorsepower

AS SELECT Vehicle\_Model, Vehicle\_Horsepower

FROM VEHICLES

WHERE Vehicle\_Horsepower > 1000

Go

Example: Report to show all attributes and rows from the VEHICLES table

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* report containing 1 tables without a where \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

CREATE VIEW DisplayVehicles

AS SELECT\*

FROM VEHICLES

go

/\*\*\*\*SELECT STATEMENTS TO DISPLAY CREATED VIEWS\*\*\*\*/

SELECT\*

FROM HighHorsepower

SELECT\*

FROM DisplayVehicles

SELECT\*

FROM HugeBill

SELECT\*

FROM MechanicHours

SELECT\*

FROM DisplayCategory

SELECT\*

FROM DisplayNeededParts

SELECT\*

FROM MassivePurchase

SELECT\*

FROM DisplayNested

**SAMPLES OF STORED PROCEDURES**

/\* IF STATEMENTS TO DROP PROCEDURES IF THEY EXIST\*/

if OBJECT\_ID('veh\_info') is not null

DROP PROCEDURE veh\_info

if OBJECT\_ID('pur\_info') is not null

DROP PROCEDURE pur\_info

if OBJECT\_ID('update\_vehicle') is not null

DROP PROCEDURE update\_vehicle

if OBJECT\_ID('update\_phoneAndEmail') is not null

DROP PROCEDURE update\_phoneAndEmail

if OBJECT\_ID('show\_vehicles') is not null

DROP PROCEDURE show\_vehicles

go

/\* STORED PROC THAT TAKES PARAMETERS FOR A VEHICLE MODEL INPUT AND OUTPUT THE YEAR, CATEGORY, AND MANUFACTURER\*/

CREATE PROCEDURE veh\_info

@VehicleModel varchar(50)

AS

SELECT VEHICLES.Vehicle\_Year, Manufacturer\_Name, VEHICLES.Vehicle\_Model, Category\_Name

FROM VEHICLES

JOIN VEHICLES V ON V.VIN = VEHICLES.VIN

JOIN CATEGORY C ON C.Category\_ID = VEHICLES.Category\_ID

JOIN MANUFACTURER M ON M.Manufacturer\_ID = VEHICLES.Manufacturer\_ID

WHERE VEHICLES.Vehicle\_Model = @VehicleModel

GO

/\* STORED PROCEDURE TO TAKE DATE AND PURCHASE AMOUNT, AND

OUTPUT VEHICLES/CUSTOMERS THAT PURCHASED A VEHICLE OVER THAT AMOUNT ON THAT DATE \*/

CREATE PROCEDURE pur\_info

@PurchaseAmount decimal,

@PurchaseDate date

AS

SELECT Customer\_F\_N, Customer\_L\_N, PURCHASES.Purchase\_Amount,PURCHASES.Purchase\_Date, Vehicle\_Year, Vehicle\_Model

FROM PURCHASES

JOIN PURCHASES P ON P.Purchase\_ID = PURCHASES.Purchase\_ID

JOIN CUSTOMERS C ON C.Customer\_ID = PURCHASES.Customer\_ID

JOIN VEHICLES V ON V.VIN = PURCHASES.VIN

WHERE PURCHASES.Purchase\_Amount > @PurchaseAmount

AND PURCHASES.Purchase\_Date = @PurchaseDate

GO

/\*STORED PROCEDURE THAT TAKES A VIN AND UPDATES THE YEAR AND MODEL,

THEN SHOWS A REPORT OF THE UDPATED ATTRIBUTES\*/

CREATE PROCEDURE update\_vehicle

@VehicleID varchar(17),

@VehicleYear varchar(4),

@VehModel varchar(50)

AS

UPDATE VEHICLES

SET Vehicle\_Year = @VehicleYear,

Vehicle\_Model = @VehModel

WHERE VIN = @VehicleID

SELECT Vehicle\_Year = @VehicleYear,

Vehicle\_Model = @VehModel

GO

/\*STORED PROCEDURE TO TAKE A PHONE NUMBER AND UPDATE BOTH THE PHONE AND EMAIL OF A CUSTOMER

WITH A REPORT TO SHOW THE UPDATE\*/

CREATE PROCEDURE update\_phoneAndEmail

@originalPhone varchar(10),

@PhoneNum varchar(10),

@Email varchar(50)

AS

UPDATE CUSTOMERS

SET Customer\_Phone = @PhoneNum,

Customer\_Email = @Email

WHERE Customer\_Phone = @originalPhone

SELECT Customer\_L\_N, Customer\_F\_N, Customer\_Phone, Customer\_Email

FROM CUSTOMERS

WHERE Customer\_Phone = @PhoneNum

GO

/\*STORED PROCEDURE TO SHOW REPORT OF MOST IMPORTANT ATTRIBUTES OF ALL VEHICLES AVAILABLE ( NO PARAMETERS)\*/

CREATE PROCEDURE show\_vehicles

AS

SELECT VEHICLES.Vehicle\_Year, Manufacturer\_Name, VEHICLES.Vehicle\_Model,

VEHICLES.Vehicle\_Price, VEHICLES.Vehicle\_Mileage, Manufacturer\_Country

FROM VEHICLES

JOIN VEHICLES V ON V.VIN = VEHICLES.VIN

JOIN MANUFACTURER M ON M.Manufacturer\_ID = VEHICLES.Manufacturer\_ID

GO

/\*EXECUTION STATEMENTS TO TEST THE ABOVE STORED PROCEDURES\*/

EXEC veh\_info 'GTR'

EXEC veh\_info 'RS7'

EXEC veh\_info 'GT'

EXEC pur\_info 200000, '2019-04-19'

EXEC pur\_info 2000000, '2019-04-19'

EXEC update\_Vehicle '5YJSA1E41JF236456', '2017', 'P90D'

EXEC update\_phoneAndEmail '5555555555', '2132132134', 'updated@yahoo.com'

EXEC show\_vehicles

MemorandumTo: Josh’s MotorsportsFrom: Urbach IncorporatedDate: 04/07/2019Subject: Project Proposal

Introduction

The main purpose of this memo is to help Josh’s Motorsport with a database solution that will allow them to keep up with the quickly growing data. This will allow productivity, profitability, and efficiency to prosper thanks to the ease of a database. The memo to follow will explain how databases work and why they are the right choice in most situations dealing with large data sets.

Purpose

At Urbach Incorporated database solutions are the key to successful data management due to the advantages that come along with it. A database is a structure used to hold or store data, similar to a list yet functions much more efficiently. When you boil it down to the basics a database is used to keep track of things and ensure there will be less modification problems down the road. Databases are all around us, when you use the search function on Amazon, or become a customer on Target’s website, there is a database behind the scenes for this. Things to note about a database solution are that it will reduce redundancy in data, reduce inconsistencies during modification, and thanks to its efficiency it can increase income. Here at Urbach Incorporated we are motivated to help you create a database, rather than allowing you to use spreadsheets to keep track of your data. We appreciate the time you have spent reviewing this long proposal explaining why a database solution will be a significant improvement to your dealership.

Significance

A database solution will reduce redundancy in data such as if a customer comes to your dealership, you will now be able to check what vehicles he/she has purchased if any, and if this is a new customer or someone returning. If you were to use a filing system you may think this provides the same benefit, yet that is not the case. Someone may misplace a file, and then you will consider a returning customer as new. On top of that you now have redundant data for the same person. Even when using the likes of excel, one department may make a change to the spreadsheet, while another is unaware of this. Think about a customer making a change in one department, while another is unaware, so they continue on with old, inaccurate data. Things like this are called modification problems and can cause very big issues. Databases will also reduce the number of employees and effort you will need to keep track of data which leads to increased income. These are just a few simple examples of why databases are important to any company.

In Conclusion

Urbach Incorporated wants to be provide you with a database that will reduce errors and avoid modification problems, along with increasing income and productivity at your company. We truly appreciate you taking the time to review this entire proposal on why a database will be a fantastic investment for your dealership.