JOSH'S MOTORSPORTS

Exotic Car Dealership

Urbach Incorporated

123 XYZ Street
Royersford, PA 19468

Phone: 215-555-5555
Email: jurbach8@yahoo.com

TABLE OF CONTENTS

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	

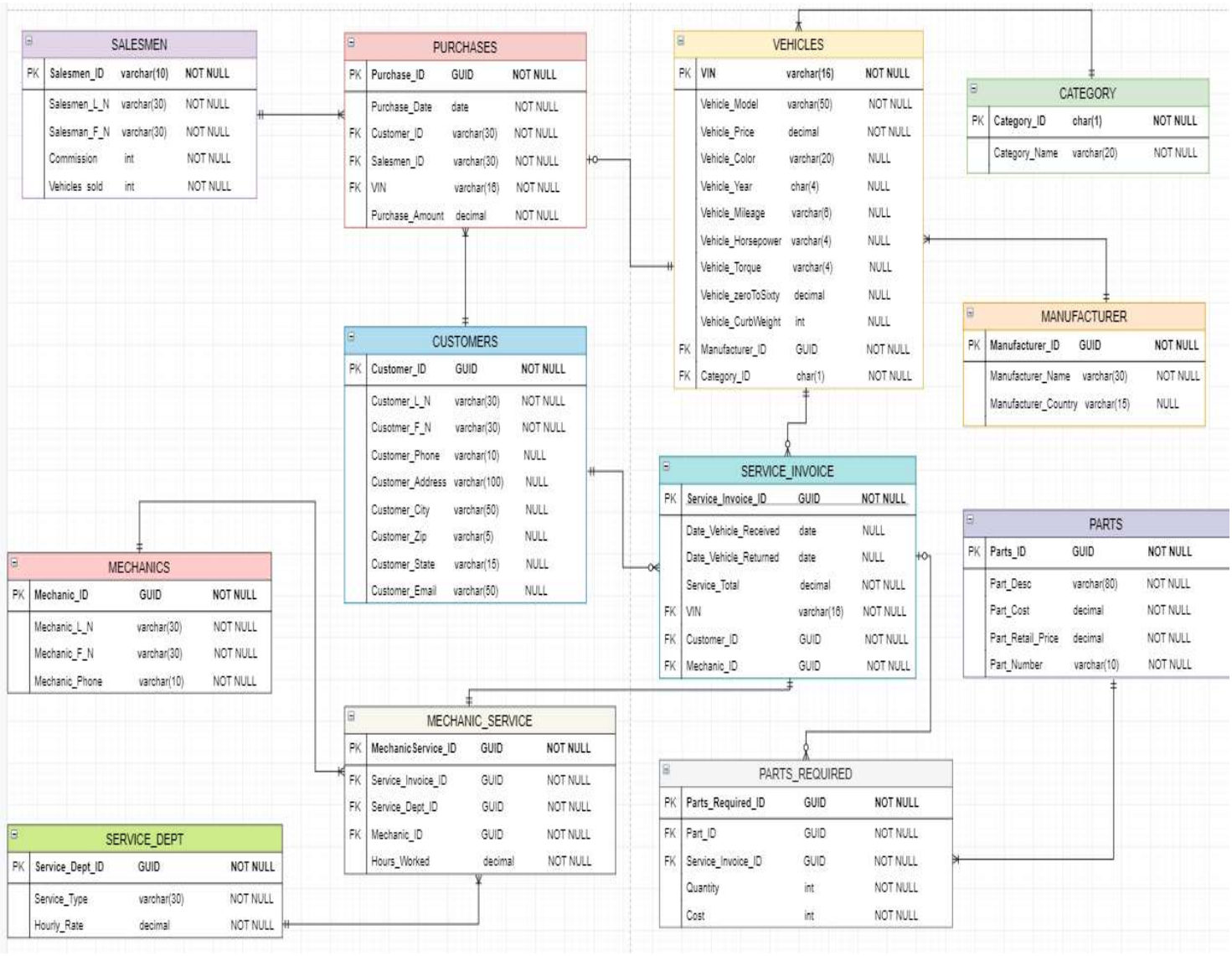
MANUFACTURER

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
SELECT @MECHANIC4_GUID = NEWID()

DECLARE @MECHANIC5_GUID as uniqueidentifier
SELECT @MECHANIC5_GUID = NEWID()

DECLARE @MECHANIC6_GUID as uniqueidentifier
SELECT @MECHANIC6_GUID = NEWID()

DECLARE @MECHANIC7_GUID as uniqueidentifier
SELECT @MECHANIC7_GUID = NEWID()

DECLARE @MECHANIC8_GUID as uniqueidentifier
SELECT @MECHANIC8_GUID = NEWID()

DECLARE @MECHANIC9_GUID as uniqueidentifier
SELECT @MECHANIC9_GUID = NEWID()

DECLARE @MECHANIC10_GUID as uniqueidentifier
SELECT @MECHANIC10_GUID = NEWID()

DECLARE @MECHANIC11_GUID as uniqueidentifier
SELECT @MECHANIC11_GUID = NEWID()

DECLARE @MECHANIC12_GUID as uniqueidentifier
SELECT @MECHANIC12_GUID = NEWID()

DECLARE @MECHANIC13_GUID as uniqueidentifier
SELECT @MECHANIC13_GUID = NEWID()

DECLARE @MECHANIC14_GUID as uniqueidentifier
```

```
SELECT @MECHANIC14_GUID = NEWID()

DECLARE @MECHANIC15_GUID as uniqueidentifier
SELECT @MECHANIC15_GUID = NEWID()

DECLARE @MECHANIC16_GUID as uniqueidentifier
SELECT @MECHANIC16_GUID = NEWID()

DECLARE @MECHANIC17_GUID as uniqueidentifier
SELECT @MECHANIC17_GUID = NEWID()

DECLARE @MECHANIC18_GUID as uniqueidentifier
SELECT @MECHANIC18_GUID = NEWID()

DECLARE @MECHANIC19_GUID as uniqueidentifier
SELECT @MECHANIC19_GUID = NEWID()

DECLARE @MECHANIC20_GUID as uniqueidentifier
SELECT @MECHANIC20_GUID = NEWID()

DECLARE @SERVICE_GUID as uniqueidentifier
SELECT @SERVICE_GUID = NEWID()

DECLARE @SERVICE2_GUID as uniqueidentifier
SELECT @SERVICE2_GUID = NEWID()

DECLARE @SERVICE3_GUID as uniqueidentifier
SELECT @SERVICE3_GUID = NEWID()

DECLARE @SERVICE4_GUID as uniqueidentifier
SELECT @SERVICE4_GUID = NEWID()

DECLARE @SERVICE5_GUID as uniqueidentifier
SELECT @SERVICE5_GUID = NEWID()

DECLARE @SERVICE6_GUID as uniqueidentifier
SELECT @SERVICE6_GUID = NEWID()

DECLARE @SERVICE7_GUID as uniqueidentifier
SELECT @SERVICE7_GUID = NEWID()

DECLARE @SERVICE8_GUID as uniqueidentifier
SELECT @SERVICE8_GUID = NEWID()

DECLARE @SERVICE9_GUID as uniqueidentifier
SELECT @SERVICE9_GUID = NEWID()

DECLARE @SERVICE10_GUID as uniqueidentifier
SELECT @SERVICE10_GUID = NEWID()

DECLARE @SERVICE11_GUID as uniqueidentifier
SELECT @SERVICE11_GUID = NEWID()

DECLARE @SERVICE12_GUID as uniqueidentifier
SELECT @SERVICE12_GUID = NEWID()

DECLARE @SERVICE13_GUID as uniqueidentifier
SELECT @SERVICE13_GUID = NEWID()

DECLARE @SERVICE14_GUID as uniqueidentifier
SELECT @SERVICE14_GUID = NEWID()
```

```
DECLARE @SERVICE15_GUID as uniqueidentifier
SELECT @SERVICE15_GUID = NEWID()

DECLARE @SERVICE16_GUID as uniqueidentifier
SELECT @SERVICE16_GUID = NEWID()

DECLARE @SERVICE17_GUID as uniqueidentifier
SELECT @SERVICE17_GUID = NEWID()

DECLARE @SERVICE18_GUID as uniqueidentifier
SELECT @SERVICE18_GUID = NEWID()

DECLARE @SERVICE19_GUID as uniqueidentifier
SELECT @SERVICE19_GUID = NEWID()

DECLARE @SERVICE20_GUID as uniqueidentifier
SELECT @SERVICE20_GUID = NEWID()

DECLARE @REQUIRED_GUID as uniqueidentifier
SELECT @REQUIRED_GUID = NEWID()

DECLARE @REQUIRED2_GUID as uniqueidentifier
SELECT @REQUIRED2_GUID = NEWID()

DECLARE @REQUIRED3_GUID as uniqueidentifier
SELECT @REQUIRED3_GUID = NEWID()

DECLARE @REQUIRED4_GUID as uniqueidentifier
SELECT @REQUIRED4_GUID = NEWID()

DECLARE @REQUIRED5_GUID as uniqueidentifier
SELECT @REQUIRED5_GUID = NEWID()

DECLARE @REQUIRED6_GUID as uniqueidentifier
SELECT @REQUIRED6_GUID = NEWID()

DECLARE @REQUIRED7_GUID as uniqueidentifier
SELECT @REQUIRED7_GUID = NEWID()

DECLARE @REQUIRED8_GUID as uniqueidentifier
SELECT @REQUIRED8_GUID = NEWID()

DECLARE @REQUIRED9_GUID as uniqueidentifier
SELECT @REQUIRED9_GUID = NEWID()

DECLARE @REQUIRED10_GUID as uniqueidentifier
SELECT @REQUIRED10_GUID = NEWID()

DECLARE @REQUIRED11_GUID as uniqueidentifier
SELECT @REQUIRED11_GUID = NEWID()

DECLARE @REQUIRED12_GUID as uniqueidentifier
SELECT @REQUIRED12_GUID = NEWID()

DECLARE @REQUIRED13_GUID as uniqueidentifier
SELECT @REQUIRED13_GUID = NEWID()

DECLARE @REQUIRED14_GUID as uniqueidentifier
SELECT @REQUIRED14_GUID = NEWID()
```

```
DECLARE @REQUIRED15_GUID as uniqueidentifier
SELECT @REQUIRED15_GUID = NEWID()

DECLARE @REQUIRED16_GUID as uniqueidentifier
SELECT @REQUIRED16_GUID = NEWID()

DECLARE @REQUIRED17_GUID as uniqueidentifier
SELECT @REQUIRED17_GUID = NEWID()

DECLARE @REQUIRED18_GUID as uniqueidentifier
SELECT @REQUIRED18_GUID = NEWID()

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
```

Memorandum
To: Josh's Motorsports
From: Urbach Incorporated
Date: 04/07/2019
Subject: 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.