**MEMO**

**DATE:**     November 8, 2020
**TO:**       SLO Vintage Auto Development Teams
**FROM:**     Larry Margaria

**SUBJECT:**  Development Guidelines


**TASK 3:       Service / Part tables**

1. Creating Tables:
   a. The attributes of a Service include the following: Service_code, Description, Cost, Price, Months, Mileage. Description, cost, price are all required. Choose reasonable datatypes and assure reasonable values. Service_code is the PK. Months reflects how many months should pass between having the service performed. Mileage reflect how many miles should be driven between having the service performed.
   b. The attributes of a Part include the following: Part_code, Description, Cost, Price. Description, cost, price are all required. Choose reasonable datatypes and assure reasonable values. Part_code is the PK.
   c.
2. Data:
   For your purposes, only include this short subset of the services and parts Vintage Auto offers.

   Services

   | Service_Code | Description | Cost | Price | Months | Mileage |
   |---|---|---|---|---|---|
   | OILCHG | Oil Change | 9.95 | 10.95 | 6 | 6000 |
   | TIREROTATE | Tire Rotation | 6.95 | 9.95 | 12 | 12000 |
   | FLUIDS | Fluid Replacement | 29.95 | 49.96 | 30 | 30000 |
   | TUNEUPBASIC | Basic Engine tune up | 69.95 | 149.95 | 18 | 18000 |
   | MULTIPOINTINSP | Multi-Point Inspection | 29.95 | 59.95 | 6 | 6000 |

   Add two or three services


   Parts

   | Part_Code | Description | Cost | Price |
   |---|---|---|---|
   | OIL10W30 | Oil 10W30 | 2.79 | 3.95 |
   | OILFILTER | Oil Filter | 6.95 | 11.95 |
   | WINSHIELDFLUID | Windshield fluid | 2.96 | 4.95 |
   | SPARKPLUG4 | Spark Plug Set (4) | 9.95 | 19.95 |
   | AIRFILTER | Air Filter | 3.95 | 8.95 |

   Add two or three parts


3. Quality Control Check List:
   a. See comments in 1a and 1b.
   b. Reference integrity as appropriate

4. Queries: Write the following SELECT statements that returns the following to test your work. Write these as CREATE VIEW statements.
    a. Service List: Service_code, Description, Cost, Price, Months, Mileage ordered by Service Code.
    b. Part List: Part_code, Description, Cost, Price ordered by Part Code

Submission:

SCRIPT consisting of the following:

Comment statements with the names of your team members.
DROP TABLE
CREATE TABLE
CREATE VIEW
INSERT