

MEMO

DATE: November 7, 2020
TO: SLO Vintage Auto Development Teams
FROM: Larry Margaria
SUBJECT: Development Guidelines

TASK 2: Employee Table

1. Creating Table:
 - a. The attributes of an employee include the following: employeeID, first name, last name, address, city, state, zip, personal phone, email, date hired and title.
 - b. Sales staff (Sales Manager and Salesperson) have the attribute Commission Percent which ranges from 20% to 30%. This percentage is applied to the profit on the sale of a vehicle.
2. Data:
 - a. Review the Organization chart and enter the information included there. Please enter appropriate values for the attributes described above.
 - b. Additional information includes the following:
 - i. Employee IDs are 4 digit numeric values and begin with 1000 (Larry's EmployeeID)
 - ii. Accounting Manager: Jim Kaney
 - iii. Cashier: Steve Euro
 - iv. Bookkeeper: Alice Credit
 - v. Intern: Sherry Sophomore
 - vi. Larry's title is: Owner/Manager
 - vii. Mary Long has a Commission Percent of 25%
 - viii. Adam Packer and Larry Jones have Commission Percent 22% and 24% respectively.
 - ix. Make CA the default value for state.
 - c. You can see who reports to whom by the chart. Larry does not report to anyone.
 - d. Have some insert statements make use of the DEFAULT clause.
3. Quality Control Check List:
 - a. CHECK: Commission percent range
 - b. DEFAULT: city CA
 - c. UNIQUE: phone, email
 - d. NOT NULL: choose these appropriately.
 - e. 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. Employee Contact List: first name, last name, phone, email ordered by employee last name.
 - b. Employee Reporting List: List the employees who have employees reporting to them and the employees who report to them. Order this list by increasing manager last name. (concatenate first and last name)

Example:

| Manager | Title | Reportee | Title |
|----------------|-----------------|------------------|--------------------|
| Norm Allen | Service Manager | Alan Wrench | Service Worker |
| Norm Allen | Service Manager | Alan Wrench | Service Worker |
| Woody Apple | Service Worker | Sherry Sophomore | Cal Poly Intern |
| Jim Kaney | Account Manager | Steve Euro | Cashier |
| Jim Kaney | Account Manager | Alice Credit | Bookkeeper |
| Mary Long | Sales Manager | Adam Packer | Salesperson |
| Mary Long | Sales Manager | Larry Jones | Salesperson |
| Larry Margaria | Owner/Manager | Norm Allen | Service Manager |
| Larry Margaria | Owner/Manager | Jim Kaney | Accounting Manager |
| Larry Margaria | Owner/Manager | Mary Long | Sales Manager |

Submission:

SCRIPT consisting of the following:

Comment statements with the names of your team members.

DROP TABLE

CREATE TABLE

CREATE VIEW

INSERT