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P2

As a Mercedes Benz dealership we need to store a lot of information in a database. Our Finance department needs to keep people’s information including credit card information and their credit report to keep track of when they owe money on their car. Our mechanic department needs to store what work they did on the customer car. Our sales department has a lot of information about potential customers that they are trying to sell a car to. This information includes their phone number and email, so they can keep in contact with them. Our management department keeps information about the sales force and how many cars they sold each month. Database is very important for these departments because with out it the sales force wouldn’t be able to sell as many cars. With out it, the mechanic department wouldn’t know if they were out of stock for parts they would need. If the finance department didn’t have a database, they wouldn’t be able to see if people are paying of there cars in time saving the dealership money.

The first business rule that would need to be handled through our database is security. Our small IT department would make a firewall to our network and make sure that nobody can get into our database. Our second business rule for the database would be access. Each department would only be able to access to information that is important to them, for example our mechanic department doesn’t need to look at finance database. The third business rule for the database is usage. We let our employees use the database as much as they want as long as it retains to what they do and helps them do their job better.

Select Inventory

From AutoParts\_Tbl

Where Parts = oil filters;

Select Maintenance, Customer

From Customer\_Tbl

Where customer = john

Select Fault Code, Description

From FaultCode\_Tbl

Where Fault code = P0100

Select Customer, deal

From Customer\_Tbl

Where Customer=Fred;

Select Customer, Interest start

From Customer\_Tbl

Where Customer=Terry;

Select Customer, Money owed

From Customer\_Tbl

Where Customer=Zach;

Select Employee, Top $ car

From Employee list

Where Top $ car> all;

Select Customer, Past purchases

From Customer\_Tbl

Where Customer = Travis;

Select Customer, Phone Number

From Customer\_Tbl

Where Customer=Ryan;

Select Customer, Previous Price

From Customer\_Tbl

Where customer=Bart;

Select Sold

From Inventory\_Tbl

Where Sold>All;

Select Employee, Sales, First name, Last name

From Employee\_Tbl

Where Sales > all;

Select Employee, CustomerServ rating, First name, Last name

From Employee\_Tbl

Where CustomerServ rating < all;

Select Employee, Sales, First name, Last name

From Employee\_Tbl

Where Sales < all;

Select Employee, CustomerServ rating, First name, Last name

From Employees\_Tbl

Where Sales < all;

My Partners business is a learning management system, what it basically does is help the students and the teachers connect. The students can check their grades, look at upcoming assignments and communicate with the teacher. The teacher can send out announcements to all the students in the class. The teacher can also put homework and quizzes on the system. This learning management system is called Huskie Hub.

Select First name, Last name

From Employee\_Tbl

Where Salary > #12;

Select Employee #, First name, Last name, Salary

From Employee\_Tbl

Where Salary > all;

Select Last name, First name, Employee of the month

From Employee\_Tbl

Where Employee of the month = all;