**Search a department for an employee’s contact info.**

Customer:

$stmt = "SELECT name, phone, email, dname FROM $employeeTable, $worksinTable, $departmentTable WHERE $departmentTable.dname = $department AND $departmentTable.did = $worksinTable.did AND $worksinTable.empID = $employeeTable.empID";

Employee:

$stmt = "SELECT name, phone, email, dname, $departmentTable.did FROM $employeeTable, $worksinTable, $departmentTable WHERE $departmentTable.dname = $department AND $departmentTable.did = $worksinTable.did AND $worksinTable.empID = $employeeTable.empID";

Manager:

$stmt = "SELECT $employeeTable.empID, name, phone, email, address, DoB, salary, dname, $departmentTable.did FROM $employeeTable, $worksinTable, $departmentTable WHERE $departmentTable.dname = $department AND $departmentTable.did = $worksinTable.did AND $worksinTable.empID = $employeeTable.empID";

**These add a new vehicle to our inventory**

$stmt = "INSERT INTO $vehiclesTable $th VALUES $vals";

$stmt = "INSERT INTO $onlotTable $th VALUES $vals";

$stmt = "INSERT INTO $installedTable $th VALUES $vals"; (This is repeated for all installed options)

**These display all vehicle’s information, and the detailed info of a vehicle and its options when selected by vin.**

Customer:

$stmt = "SELECT DISTINCT $vehicleTable.Vin, make, model, level, year, color, listedPrice FROM $vehicleTable, $installedTable WHERE $vehicleTable.model=$model AND $vehicleTable.Vin=$installedTable.Vin AND $vehicleTable.make=$make AND $vehicleTable.Type='On\_Lot' ORDER BY listedPrice DESC";

If max price is specified.

$stmt = "SELECT DISTINCT $vehicleTable.Vin, make, model, level, year, color, listedPrice FROM $vehicleTable, $installedTable WHERE $vehicleTable.model=$model AND $vehicleTable.Vin=$installedTable.Vin AND $vehicleTable.make=$make AND $vehicleTable.listedPrice<=$max AND $vehicleTable.Type='On\_Lot' ORDER BY listedPrice DESC";

Employee:

$stmt = "SELECT DISTINCT $vehicleTable.Vin, make, model, level, year, color, listedPrice, lowestPrice, Spot, Since FROM $vehicleTable, $installedTable, $onlotTable WHERE $vehicleTable.model=$model AND $vehicleTable.Vin=$installedTable.Vin AND $vehicleTable.Vin=$onlotTable.Vin AND $vehicleTable.make=$make AND $vehicleTable.Type='On\_Lot' ORDER BY listedPrice DESC";

If max price is specified.

$stmt = "SELECT DISTINCT $vehicleTable.Vin, make, model, level, year, color, listedPrice, lowestPrice, Spot, Since FROM $vehicleTable, $installedTable, $onlotTable WHERE $vehicleTable.model=$model AND $vehicleTable.Vin=$installedTable.Vin AND $vehicleTable.Vin=$onlotTable.Vin AND $vehicleTable.make=$make AND $vehicleTable.Type='On\_Lot' AND $vehicleTable.listedPrice<=$max ORDER BY listedPrice DESC";

Specific info

$stmt = "INSERT INTO sold\_by VALUES ('" . $\_SESSION['user'] . "', '" . $invoiceNumber . "', '0')";

$stmt = "SELECT DISTINCT Oname FROM $vehicleTable, $installedTable WHERE $vehicleTable.Vin=$installedTable.Vin AND $vehicleTable.Vin=$vin";

Manager:

$stmt = "SELECT DISTINCT $vehicleTable.Vin, make, model, level, year, color, listedPrice, boughtPrice, Since, Type FROM $vehicleTable, $installedTable, $onlotTable WHERE $vehicleTable.model=$model AND $vehicleTable.Vin=$installedTable.Vin AND $vehicleTable.Vin=$onlotTable.Vin AND $vehicleTable.make=$make";

$stmt = "SELECT DISTINCT $vehicleTable.Vin, make, model, level, year, color, listedPrice, boughtPrice, Type FROM $vehicleTable, $installedTable, $soldTable WHERE $vehicleTable.model=$model AND $vehicleTable.Vin=$installedTable.Vin AND $vehicleTable.Type='Sold' AND $vehicleTable.make=$make AND $vehicleTable.Vin=$soldTable.Vin";

If max price is specified.

$stmt = "SELECT DISTINCT $vehicleTable.Vin, make, model, level, year, color, listedPrice, boughtPrice, Since, Type FROM $vehicleTable, $installedTable, $onlotTable WHERE $vehicleTable.model=$model AND $vehicleTable.Vin=$installedTable.Vin AND $vehicleTable.Vin=$onlotTable.Vin AND $vehicleTable.make=$make AND $vehicleTable.listedPrice<=$max";

$stmt = "SELECT DISTINCT $vehicleTable.Vin, make, model, level, year, color, listedPrice, boughtPrice, Type FROM $vehicleTable, $installedTable, $soldTable WHERE $vehicleTable.model=$model AND $vehicleTable.Vin=$installedTable.Vin AND $vehicleTable.Type='Sold' AND $vehicleTable.make=$make AND $vehicleTable.Vin=$soldTable.Vin AND $vehicleTable.listedPrice<=$max";

Specific info

$stmt = "SELECT DISTINCT $vehicleTable.Vin, make, model, level, year, color, listedPrice, boughtPrice, Spot, Since FROM $vehicleTable, $installedTable, $onlotTable WHERE $vehicleTable.Vin=$installedTable.Vin AND $vehicleTable.Vin=$onlotTable.Vin AND $vehicleTable.Vin=$vin";

$stmt = "SELECT DISTINCT Oname FROM $vehicleTable, $installedTable WHERE $vehicleTable.Vin=$installedTable.Vin AND $vehicleTable.Vin=$vin";+

**These are how an employee or manager is deleted when they are fired**

$stmt = "DELETE FROM $worksinTable WHERE $worksinTable.empID=$id";

$stmt = "DELETE FROM $managerTable WHERE $managerTable.empID=$id";

$stmt = "DELETE FROM $employeeTable WHERE $employeeTable.empID=$id";

**This is how a vehicle is deleted if for example a mistake was made on its input or it was destroyed**

$stmt = "DELETE FROM $onlotTable WHERE $onlotTable.Vin=$vin";

$stmt = "DELETE FROM $installedTable WHERE $installedTable.Vin=$vin";

$stmt = "DELETE FROM $vehicleTable WHERE $vehicleTable.Vin=$vin";

**To sell a car as employee or manager**

$stmt = "INSERT INTO sold (Vin, empid, DateSold, invoiceNum, daysOnLot, priceSold) VALUES ('" . $\_SESSION['carArray'][0]['Vin'] . "', '" . $\_SESSION['user'] . "', '" . $date . "', '" . $invoiceNumber . "', '" . $daysOnLot . "', '" . $\_POST['sellPrice'] . "')";

$stmt = "INSERT INTO sold\_by VALUES ('" . $\_SESSION['user'] . "', '" . $invoiceNumber . "', '" . $loanNumber . "')";

$stmt = "INSERT INTO sold\_by VALUES ('" . $\_SESSION['user'] . "', '" . $invoiceNumber . "', '0')";

$stmt = "UPDATE Vehicle SET Type = 'Sold' WHERE Vin = '" . $\_SESSION['carArray'][0]['Vin'] . "'";

The trigger to delete from on\_lot when added to sold

CREATE TRIGGER `sellVehicle` BEFORE INSERT ON `sold` FOR EACH ROW BEGIN

DELETE FROM on\_lot

WHERE on\_lot.Vin=NEW.Vin;

END

**To validate login credentials**

$stmt = "SELECT \* FROM $table WHERE empID='$user' AND password='$password'";

**To see who has been selling how many cars**

$stmt = "SELECT COUNT(empID) FROM $soldTable WHERE `empID` = $id";

**To add employees/managers**

$stmt = "INSERT INTO $employeeTable $th VALUES $vals";

$stmt = "INSERT INTO $worksinTable $th VALUES $vals";

$stmt = "INSERT INTO $managesTable $th VALUES $vals";

**These add a new vehicle to our inventory**

$stmt = "INSERT INTO $installedTable $th VALUES $vals"; (This is repeated for all installed options)

**In addition to these we use SELECT DISTINCT to get us the list of models, makes, or departments to populate in the drop down to make searching easier.**

$stmt = "SELECT DISTINCT dname FROM $departmentTable";

$stmt = "SELECT DISTINCT make FROM $vehicleTable";

$stmt = "SELECT DISTINCT model FROM $vehicleTable";

**Statements to populate the sold table.**

$stmt = "SELECT DISTINCT $employeeTable.empID, name, phone, email, salary, dname, $departmentTable.did FROM $employeeTable, $worksinTable, $departmentTable, $soldTable WHERE $departmentTable.did = $worksinTable.did AND $worksinTable.empID = $employeeTable.empID";

$stmt = "SELECT COUNT(empID), SUM(priceSold) FROM $soldTable WHERE `empID` = $id";