

Functionalities that implemented

- Add customer details (concerning client side)
- Search customer details for given customer ID(concerning administrator side)
- Update customer details(concerning administrator side)
- Delete customer details(concerning administrator side)

First of all created MySQL database and created table “customer” that has following column names as entities

customer_ID, first_name, last_name, NIC, address_line1, address_line2, city, contact_no, email , fax

Then created the registration form using html and created a connection to the database using php.

```
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "samarasinghemotors";
// Create connection
$conn = new mysqli($servername, $username, $password,$dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
echo "Connected successfully";
```

After successfully connected to the database can add, edit delete values by accessing values by using SQL queries.

Using html form can add values to the text fields. Values that entered to theses text field set to the variables using php. Those values can add to the database using following SQL query. Check validation for each entry before insert values.

"INSERT INTO customer (

customer_ID, first_name, last_name, NIC, address_line1, address_line2, address_line3, contact_no, email , fax)

VALUES (

'\$ID', '\$fname', '\$lname', '\$NIC', '\$address_line1', '\$address_line2', '\$address_line3', '\$con_no', '\$email', '\$fax')";

Then created a form that can search customer details by giving the customer ID. This form is for the administrator for view customer details. After inputting the customer ID need to click on the search button. If the given ID is valid, it shows the details of the given customer by filling the

text fields of the form. Then user can update or to delete those details by clicking on the relevant button. The SQL queries are given below for the updating and the deletion.

```
$sql = "UPDATE customer SET  
    first_name = '$fname',  
    last_name = '$lname',  
    NIC = '$NIC',  
    address_line1 = '$address_line1',  
    address_line2 = '$address_line2',  
    address_line3 = '$address_line3',  
    contact_no = '$con_no',  
    email = '$email',  
    fax = '$fax'  
WHERE customer_ID = '$ID'";
```

```
//echo "connected successfully";  
$sql = "DELETE FROM customer  
WHERE customer_ID = '$ID'";
```