PROJECT REPORT

Car Dealership Management System

Group Members:

12413 – Safiullah Rehmani
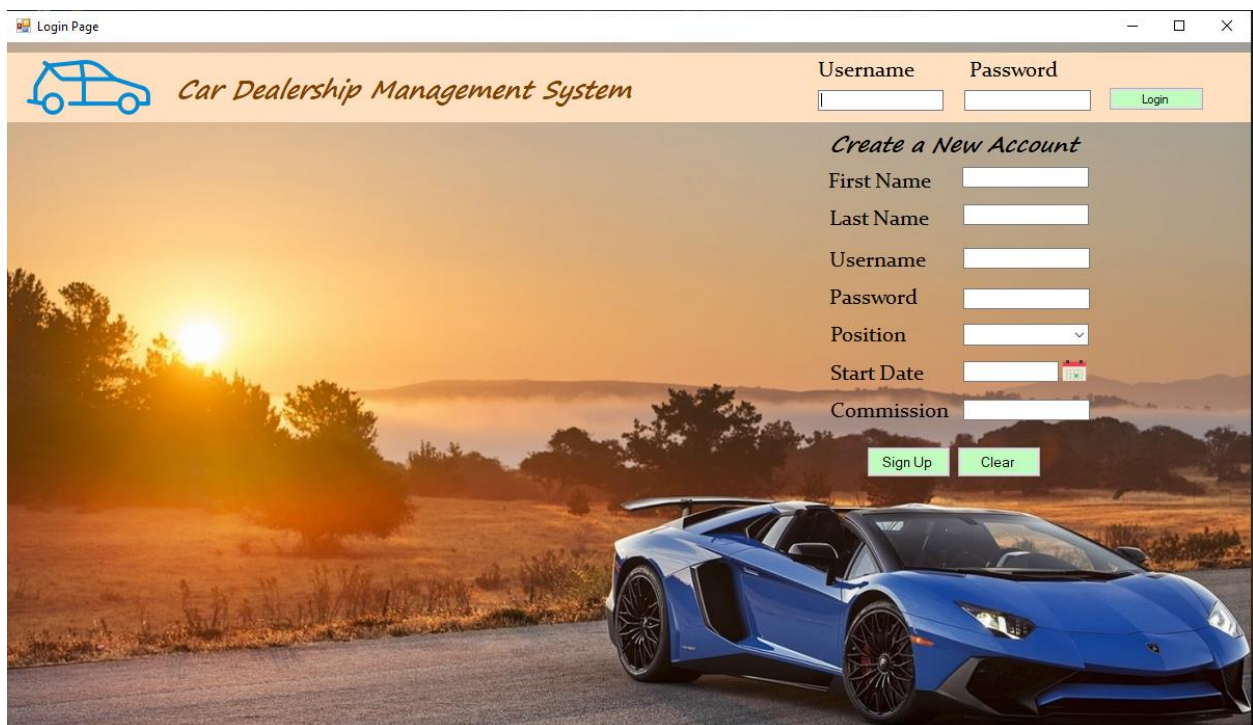
12436 - Hur Raza

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Introduction:

A car dealership, or vehicle local distribution, is a business that sells new or used cars at the retail level, based on a dealership contract with an automaker or its sales subsidiary. It can also carry a variety of Certified Pre-Owned vehicles. It employs automobile salespeople to sell their automotive vehicles. It may also provide maintenance services for car.

Login.cs:

Firstly you'll see the login page also consists of a signup form.

Customer.cs:

Then, you will see the customer page in which Add, Update and Search the information of customer respectively with the car details.

Customer   Car   Employee   Invoice   Service

Hi, admin

Change You

Customer Info

Customer name	
Street	
City	
Province	
Postal Code	
Phone	
Purchase Date	

Car Info

Serial	
Model	
Trim	
Color	
Year	
Total Price	
Purchase Invoice	

ADD   UPDATE   SEARCH

Car.cs:

Then, you will see the car page in which you can Add and Search the information of car according to the "Serial No".

Customer   Car   Employee   Invoice   Service

Hi, admin

Car Info

Serail No	
Model	
Trim	
Color	
Year	
Total Price	

ADD   SEARCH

Employee.cs:

Then, you will see the employee page in which you can Update the information of employee according to their names.

Invoice.cs:

Then, you'll see the Invoice page in which you can Add, Delete, Update, Search and Save the invoice information of the car according to their Serial No

Service.cs:

In this page, you can Add, Delete, Update and Save the service details and will print the receipt on the other hand.

ChangePassword.cs:

You can change the password through this form.

ChangePasswordDone:

This form will pop up when your details will successfully changes your account password in the database.
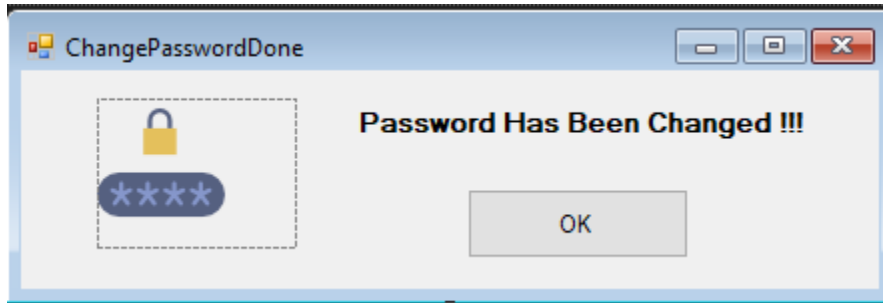
WelcomeMessage.cs:

This form will pop up when you successfully logged in.
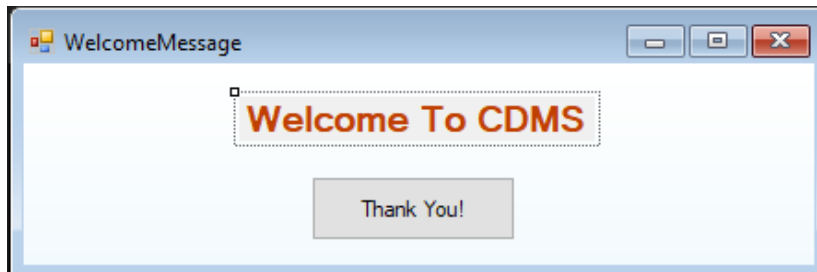
UserInvalid.cs:

This form will pop up when you entered the username or password incorrect.
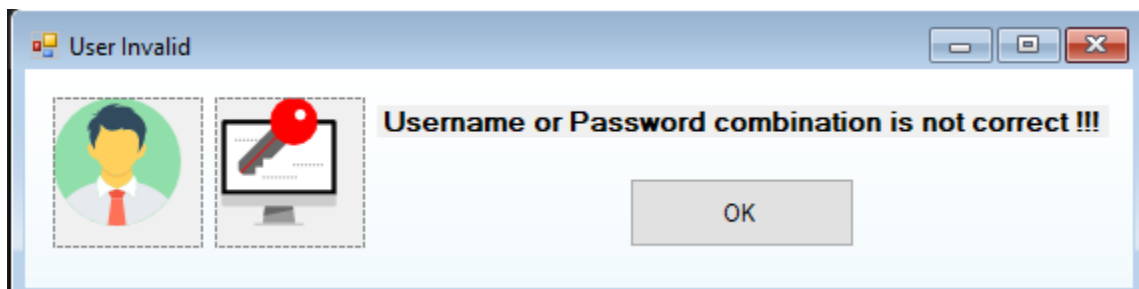
Signup.cs:

This form will pop up when you successfully add your info to signup.
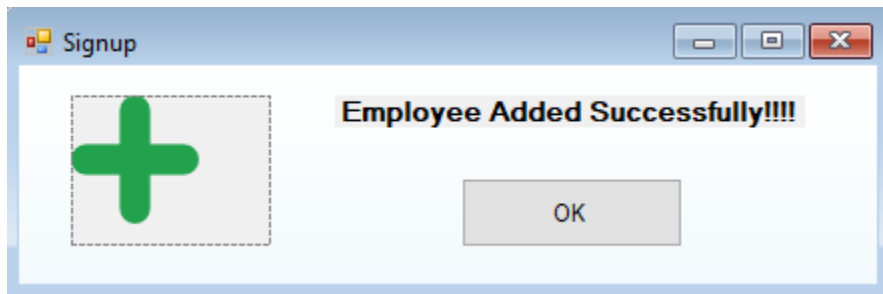
Save.cs:

This form will pop up when your details will successfully save in the database.
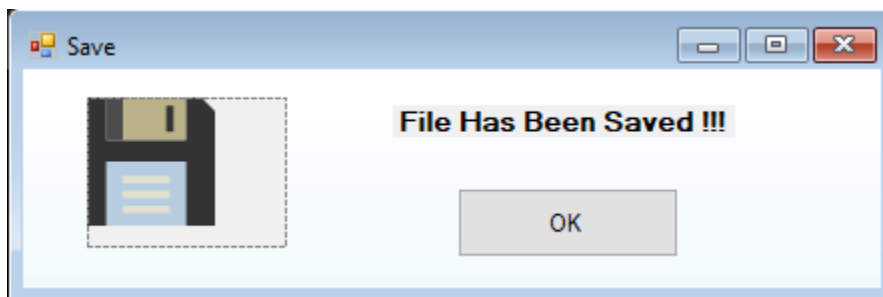
Search.cs:

This form will pop up when your details will successfully search from the database.

Update.cs:

This form will pop up when your details will successfully Update in the database.

Add.cs:

This form will pop up when your details will successfully added to the database.

Delete.cs:

This form will pop up when your details will successfully delete from the database.

UML Class Diagram:

Car Management System — Safi-ullah Rehmani 12413 — Hur Raza 12436
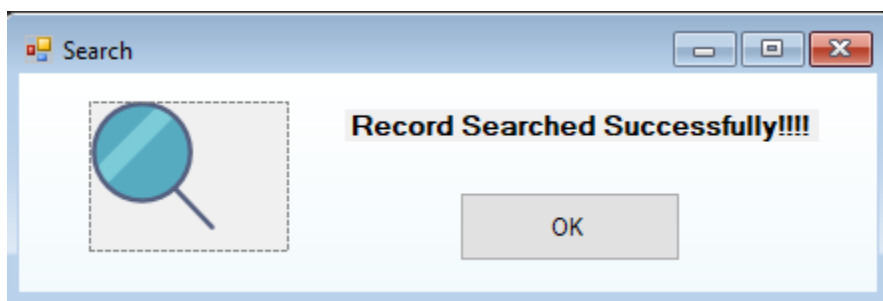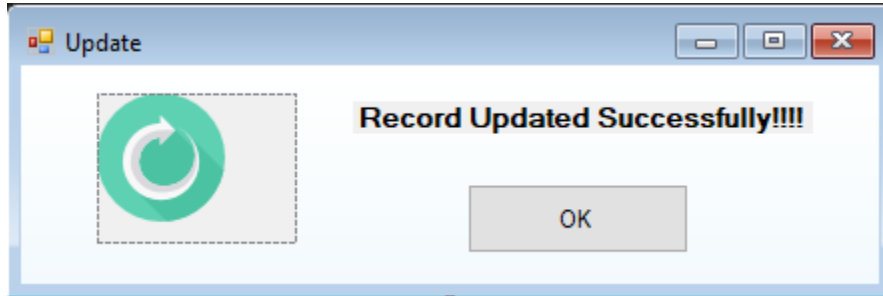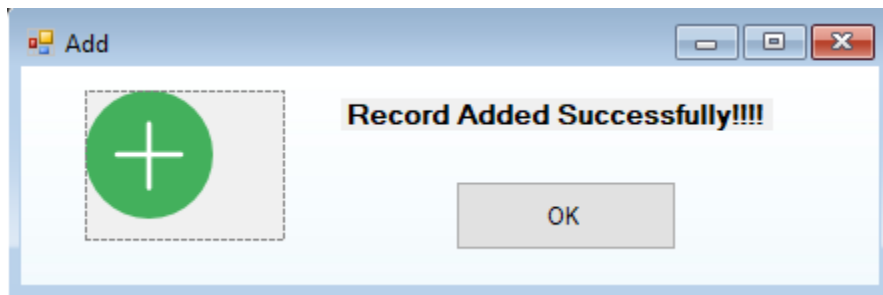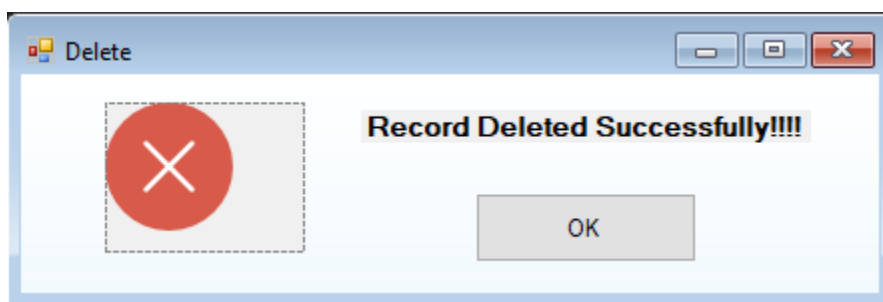
Dealership
+ code
+ address
+ manages ( )
+ maintains( )

has

Customer
+ CName : String
+ CID : int
+ CPh : int
+ CAd : int
+ add Cust ( )
+ remove Cust ( )
+ edit Cust ( )
+ update Cust ( )

Payment
+ Payment ID : int
+ Payment Type : string
+ Payment Des : string
+ Payment Date : int
Cust ID : int
+ add Payment ( )
+ edit Payment ( )
+ search Payment ( )

date

manages

User Class
+ user ID : int
+ user name : string
+ user role : int
+ add User ( )
+ edit User ( )

Car Class
+ carID : int
+ Car Num : int
+ Car Type : string
+ Car Des : string
+ Car owner : string
+ add Car ( )
+ remove Car ( )
+ search Car ( )
+ delete Car ( )

has

Services
booking ID : int
booking Type : int
booking Des : string
booking date : date
+ add booking ( )
+ remove booking ( )
+ edit booking ( )
+ search booking

Car Sales
+ user ID : int
+ customer ID : string
+ car ID : int
+ Inventory ( )

Car Service
+ Car ID : int
+ Service Type : string
+ Service Des : string
+ add Car ( )
+ remove Car ( )
+ edit Car ( )