

PROJECT REPORT

Car Dealership Management System

Group Members:

12413 – Safiullah Rehmani

12436 - Hur Raza

Instructor: Umme Kulsoom

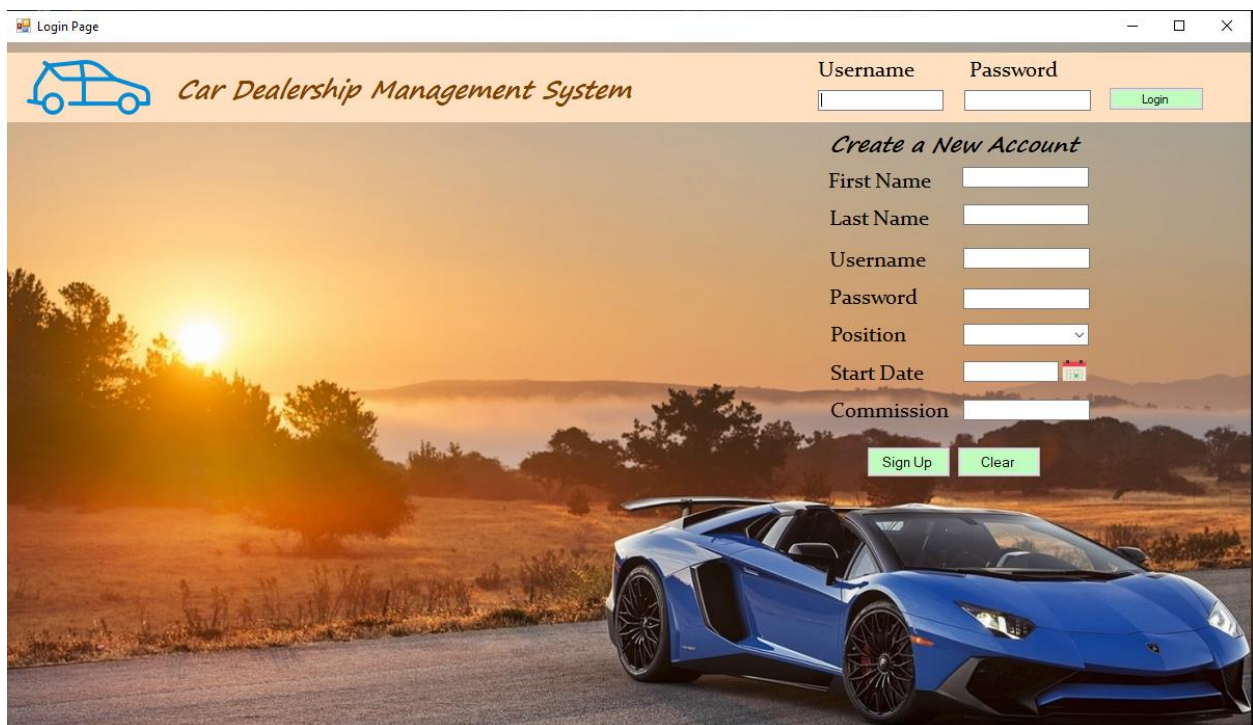
Cid: 106203

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.



The screenshot displays the 'Login Page' of a 'Car Dealership Management System'. The interface includes a header with a blue car icon and the system title. Below this, there are two main sections: a login form and a 'Create a New Account' form. The login form has fields for 'Username' and 'Password' with a green 'Login' button. The 'Create a New Account' form includes fields for 'First Name', 'Last Name', 'Username', 'Password', 'Position' (a dropdown menu), 'Start Date' (with a calendar icon), and 'Commission'. It also features green 'Sign Up' and 'Clear' buttons. The background of the page is a scenic image of a sunset over a field, with a blue sports car parked in the foreground.

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 Page

Customer Car Employee Invoice Service

Hi, admin

[Change Your Profile](#)

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".

Car Page

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.

The screenshot shows a web application window titled "Employee Page". It features a navigation bar with links: "Customer", "Car", "Employee", "Invoice", and "Service". The "Employee" link is highlighted. Below the navigation bar, there is a form titled "Employee Info" with the following fields:

- Emp Name:
- Position:
- Startdate: (with a calendar icon)
- Commission:

Below the form is an "UPDATE" button. To the right of the form is a calendar for April 2021, showing the date 20/04/2021 selected. The calendar table is as follows:

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Today: 4/20/2021

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

The screenshot shows a web application window titled "Invoice Page". It features a navigation bar with links: "Customer", "Car", "Employee", "Invoice", and "Service". The "Invoice" link is highlighted. Below the navigation bar, there is a form titled "Invoice Info" with the following fields:

- Serial No:
- Customer Name:
- Salesman:
- Model:
- Trim:
- Color:
- Year:
- Delivery Date: (with a calendar icon)
- Total Amount:
- Insurance: ☐ Yes ☐ No

Below the form is a row of buttons: "ADD", "DELETE", "UPDATE", "SEARCH", and "SAVE".

Service.cs:

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

The screenshot shows a web application window titled "Services". The top navigation bar is orange and contains links: "Customer", "Car", "Employee", "Invoice", and "Service". The user is logged in as "Hi, admin". The main content area has a light blue background. On the left, there is a "Car Info" form with the following fields: "Serail No" (text input), "Service Date" (text input with a calendar icon), "Customer Name" (text input), "Parts Cost" (text input), "Labor Cost" (text input), "Total Price" (text input), and "Service Description" (text area). On the right, there is a "Service Details" window, which is currently empty. At the bottom, there is a control bar with four buttons: "ADD", "DELETE", "UPDATE", and "SEARCH".

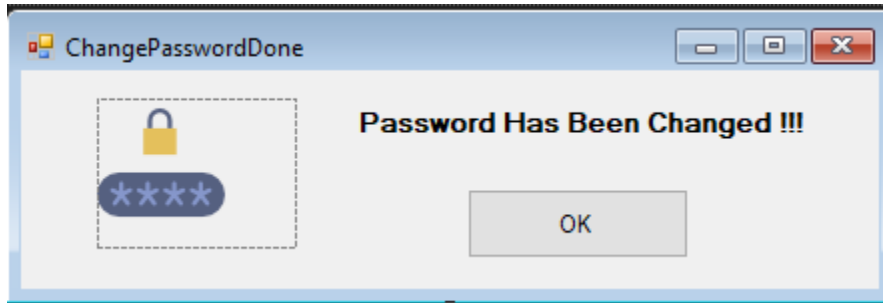
ChangePassword.cs:

You can change the password through this form.

The screenshot shows a web application window titled "ChangePassword". The top bar is orange and contains the text "Change Your Password...!!!". The main content area has a light blue background. It contains three text input fields: "Old Password", "New Password", and "Confirm New Password". Below the fields are two buttons: "Save" and "Cancel".

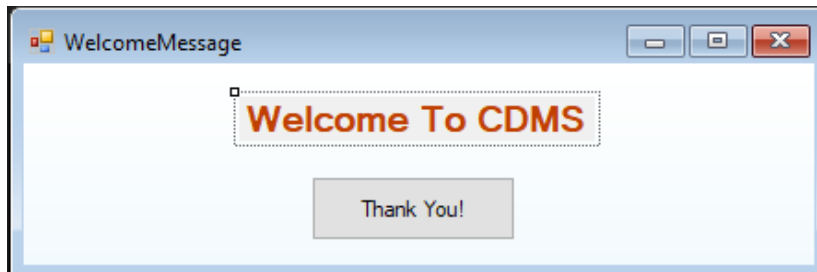
ChangePasswordDone:

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



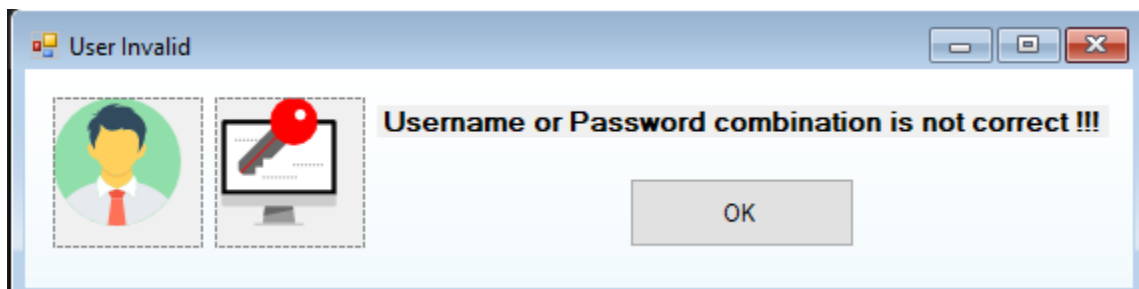
WelcomeMessage.cs:

This form will pop up when you successfully logged in.



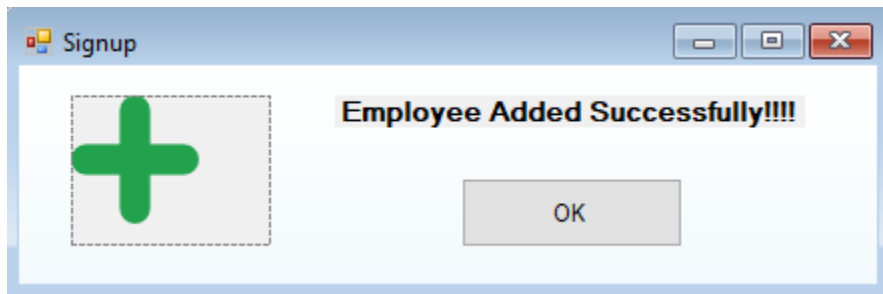
UserInvalid.cs:

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



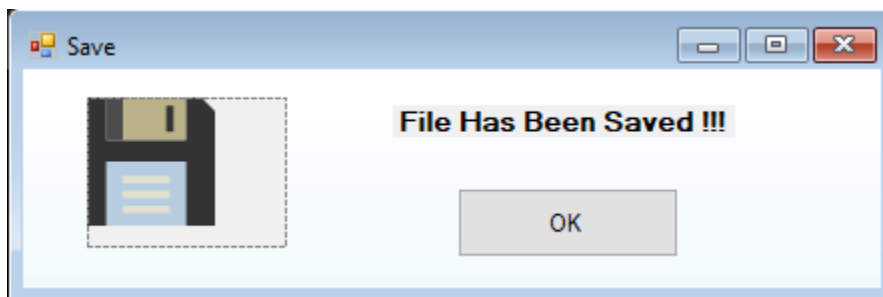
Signup.cs:

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



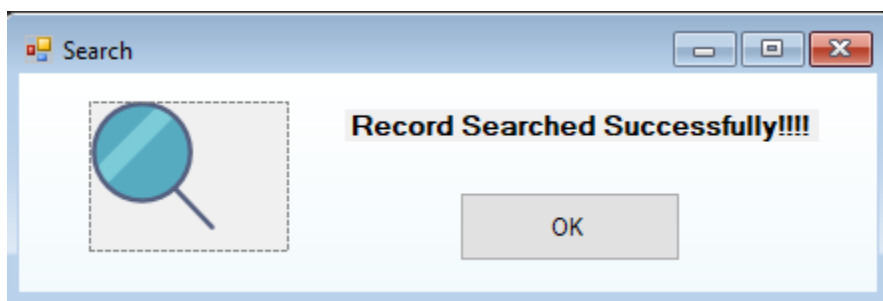
Save.cs:

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



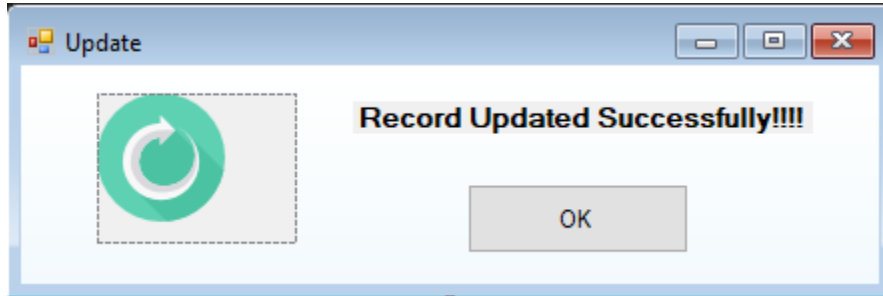
Search.cs:

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



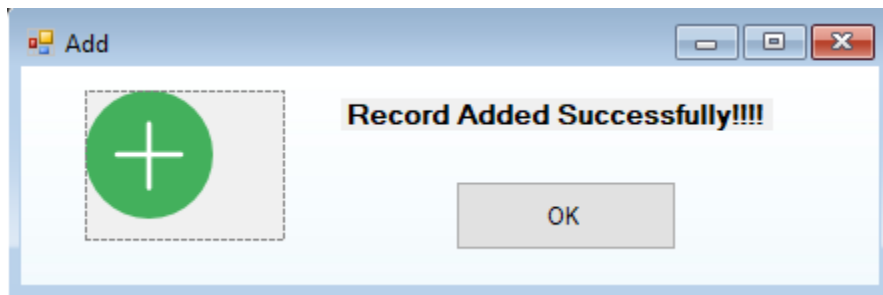
Update.cs:

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



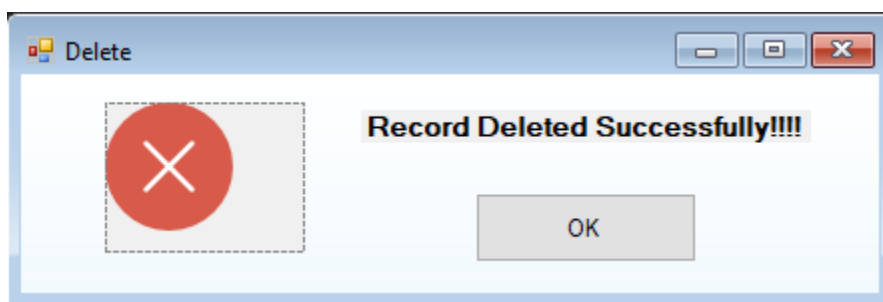
Add.cs:

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:

