



Module: GUI Design and Database Connection

Module Code: COMP4604

Course Code: TU819/4

Course Group: Group A/B

Student Names: Jason Leonard & Brian Twene

Student IDs: C19500766, C19344543

Submission Date: 04/12/2022

Topic: Vehicle Dealership/Rental System

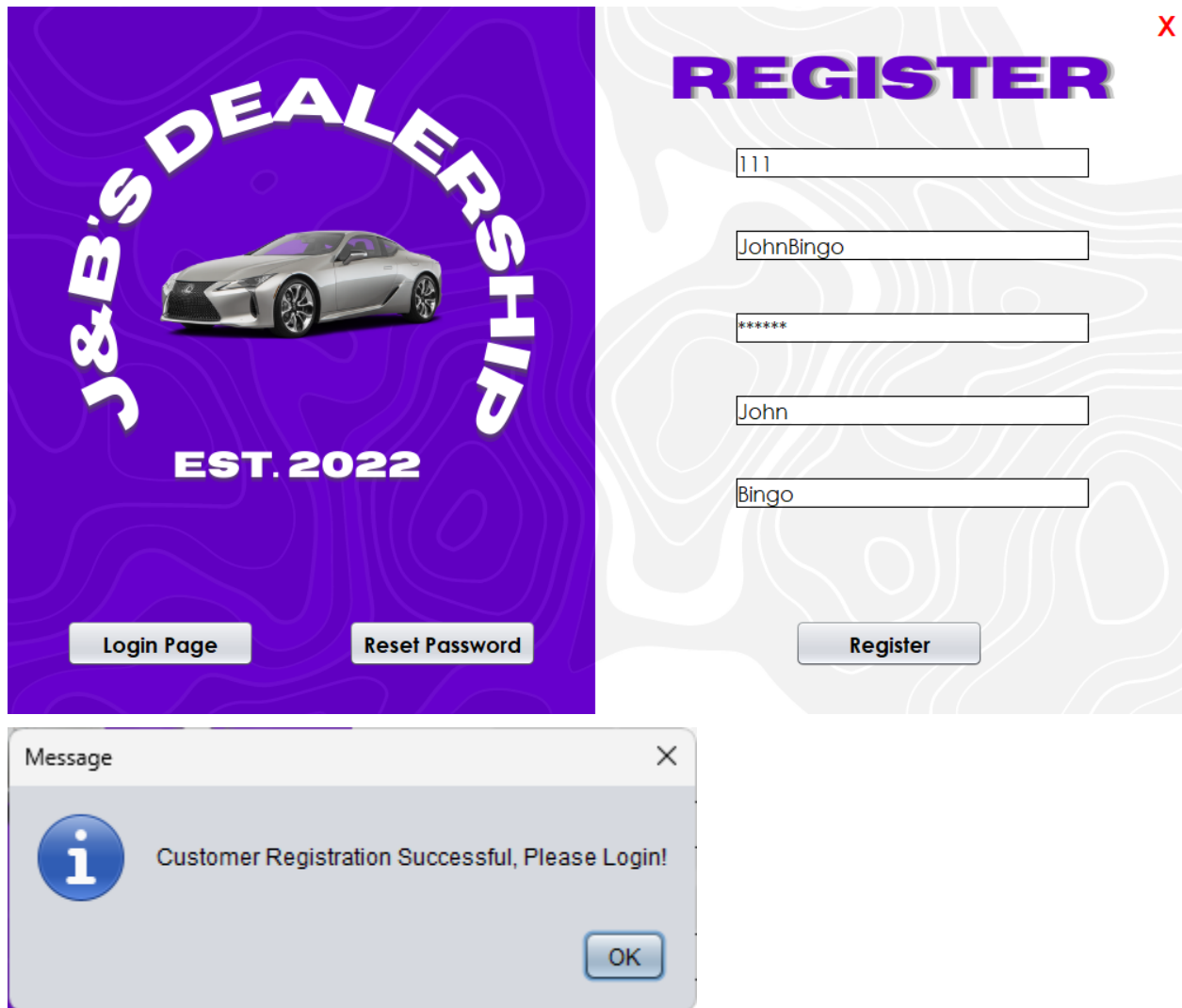
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|---|----------|
| Module: GUI Design and Database Connection | 1 |
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| Introduction | 2 |
| Register Page (Customer) | 3 |
| Login Page (Customer) | 4 |
| Reset Password Page (Customer) | 5 |
| Main Menu Page (Customer) | 6 |
| Login Page (Admin) | 6 |
| Main Menu (Admin) | 7 |
| Manage Customers Page (Admin) | 8 |
| Manage Vehicles Page (Admin) | 10 |

Introduction

This test record document is based on a software solution for a vehicle dealership which allows a user to both purchase vehicles, rent vehicles and return vehicles when they're finished using

them. Additionally, the program also allows an admin to alter a users and vehicles table which is located within a Microsoft Access database, and allows the admin to add, edit, and remove information from their respective tables. Our application also features stock and inventory control, and allows management to print a list of users and a list of our stock and inventory. Lastly, an admin is also able to use this program to check overdue accounts for people who have not returned their rented vehicle.

Register Page (Customer)



The screenshot displays the 'REGISTER' page for a customer. The page has a purple header with the dealership logo 'J&B'S DEALERSHIP' and 'EST. 2022'. Below the header, there are two buttons: 'Login Page' and 'Reset Password'. The main content area is white with a light gray background pattern. It features a large 'REGISTER' title in purple. Below the title, there are five input fields: a phone number field (containing '111'), a username field (containing 'JohnBingo'), a password field (containing '*****'), a first name field (containing 'John'), and a last name field (containing 'Bingo'). A 'Register' button is located at the bottom right of the form. A red 'X' icon is visible in the top right corner of the page. Below the registration form, a message box is displayed with the text 'Customer Registration Successful, Please Login!' and an 'OK' button.

REGISTER

111

JohnBingo

John

Bingo


Register

Message

i Customer Registration Successful, Please Login!

OK

Login Page (Customer)



Register Page Reset Password

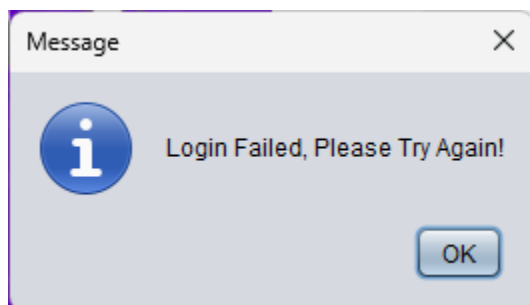
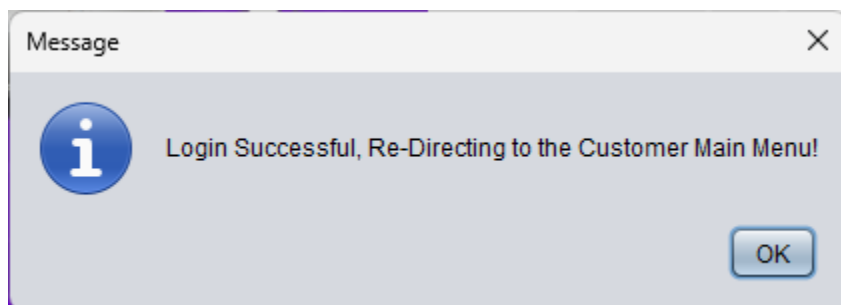
LOGIN

JohnSmith

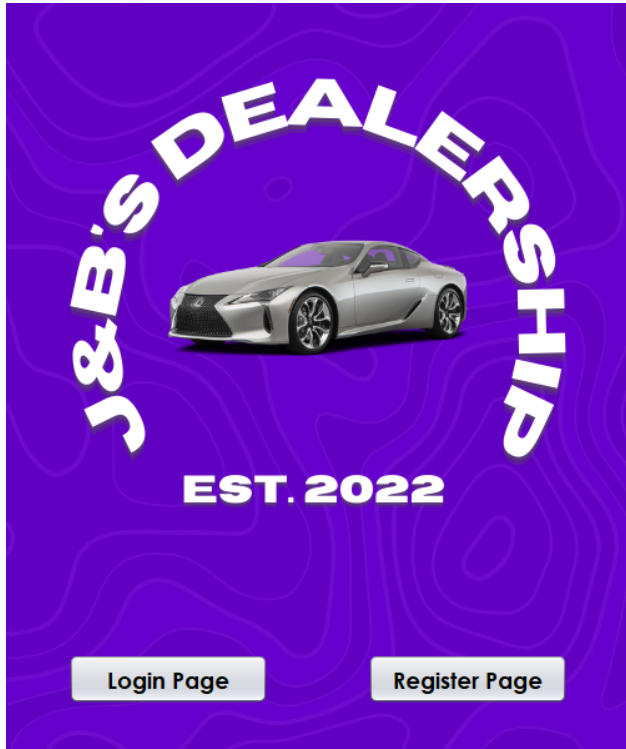
(Current Password)

Customer

Login



Reset Password Page (Customer)



RESET

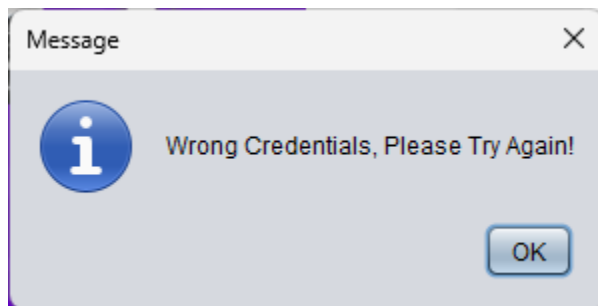
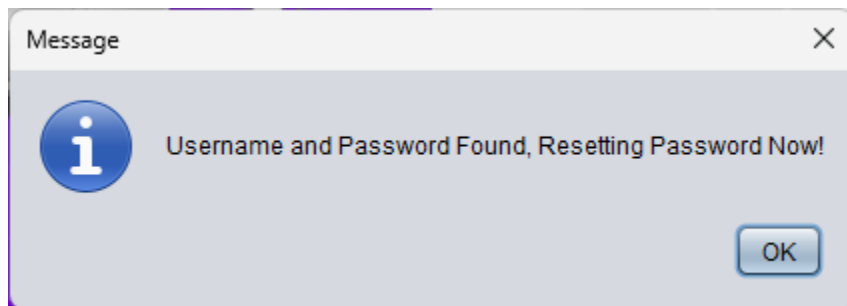
JasonLeonard

(Old Password)

(New Password)

Reset

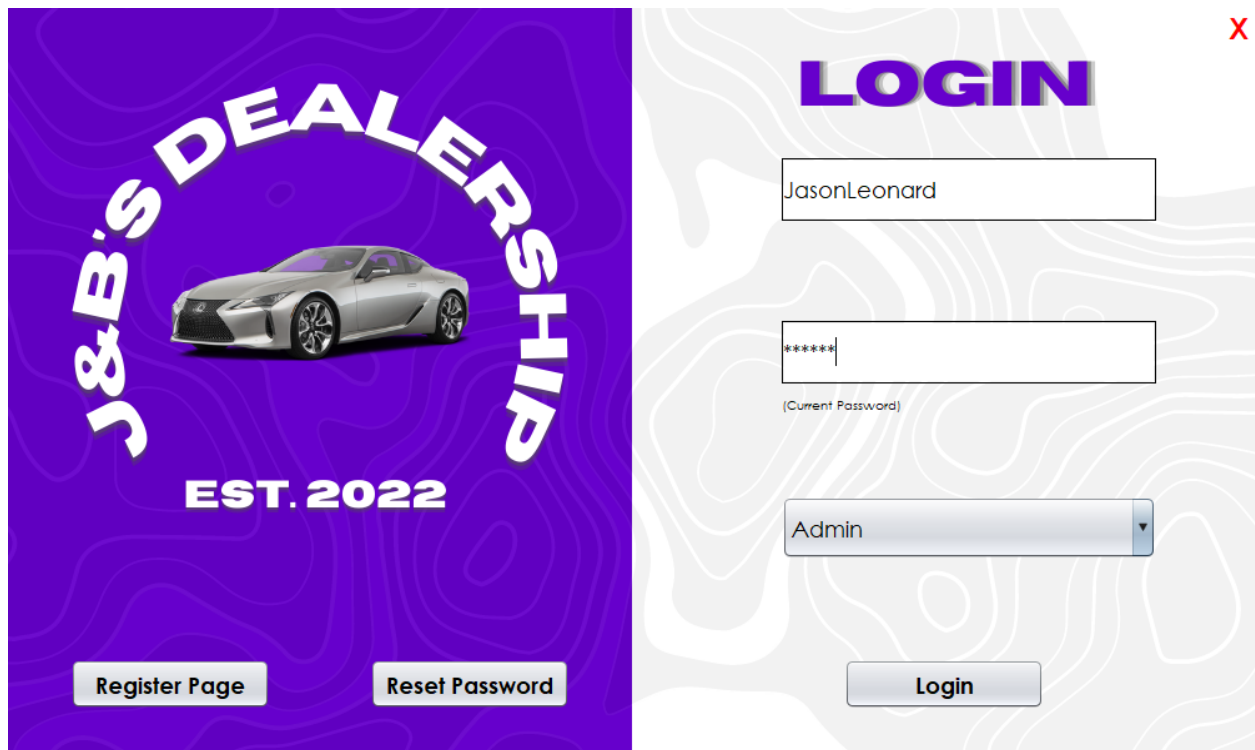
Login Page Register Page

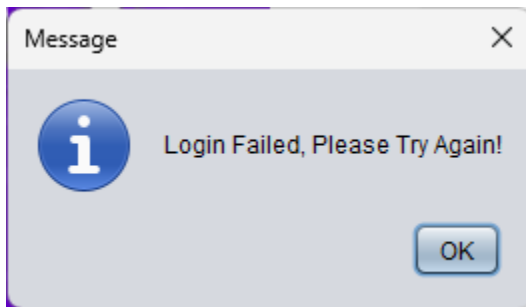
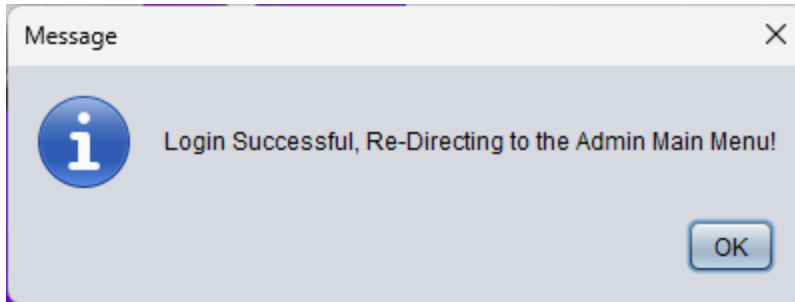


Main Menu Page (Customer)



Login Page (Admin)






Main Menu (Admin)



Manage Customers Page (Admin)



EST. 2022

MANAGE CUSTOMERS

Username Password First Name Last Name Gender

CUSTOMERS LIST

| Customer ID | Username | Password | First Name | Last Name | Gender | Rent ID |
|-------------|------------|----------|------------|-----------|--------|---------|
| 2 | JohnSmith | ***** | John | Smith | Male | 2 |
| 6 | SamJohnson | ***** | Sam | Johnson | Male | 0 |
| 12 | JohnBingo | ***** | John | Bingo | Male | 0 |

Input

Enter the ID of the User You Want Removed

12

Message

Removing User from the Database!



X

MANAGE CUSTOMERS

| | | | | | |
|----------------------|---------------------------------------|------------------------------------|---|--|-------------------------------------|
| <input type="text"/> | <input type="text" value="Username"/> | <input type="text" value="*****"/> | <input type="text" value="First Name"/> | <input type="text" value="Last Name"/> | <input type="text" value="Gender"/> |
|----------------------|---------------------------------------|------------------------------------|---|--|-------------------------------------|

Add

Edit

Delete


CUSTOMERS LIST

| Customer ID | Username | Password | First Name | Last Name | Gender | Rent ID |
|-------------|------------|----------|------------|-----------|--------|---------|
| 2 | JohnSmith | ***** | John | Smith | Male | 2 |
| 6 | SamJohnson | ***** | Sam | Johnson | Male | 0 |
| | | | | | | |

Main Menu

Manage Vehicles

Manage Vehicles Page (Admin)

X

MANAGE VEHICLES

Make Model Year Colour

Price Type Passengers Rarity

VEHICLES LIST

| Vehicle ID | Make | Model | Year | Colour | Price | Type | Availability | Passengers | Rarity |
|------------|--------------|-----------------|------|--------|-------|--------|--------------|------------|--------|
| 1 | Aston Martin | Vantage | 2022 | Blue | TRUE | 149999 | Sport | Luxury | 3 |
| 2 | Alfa Romeo | 4C | 2018 | Black | FALSE | 49999 | Sport | Premium | 1 |
| 4 | Toyota | Camry | 2020 | Silver | TRUE | 39999 | Sedan | Standard | 4 |
| 5 | Toyota | Yaris | 2016 | Yellow | TRUE | 14999 | Compact | Budget | 4 |
| 6 | BMW | M5 | 2010 | Silver | TRUE | 9999 | Sedan | Budget | 4 |
| 9 | Land Rover | Discovery Sport | 2021 | Red | FALSE | 250 | Sport | Premium | 4 |

X



MANAGE VEHICLES

| | | | | | | | | | |
|----------------------|-------|----------------------|-------|----------------------|--------|----------------------|------------|----------------------|--------|
| <input type="text"/> | Make | <input type="text"/> | Model | <input type="text"/> | Year | <input type="text"/> | Colour | | |
| <input type="text"/> | Price | <input type="text"/> | Type | <input type="text"/> | Booked | <input type="text"/> | Passengers | <input type="text"/> | Rarity |

Add

Edit

Delete

VEHICLES LIST

| Vehicle ID | Make | Model | Year | Colour | Price | Type | Availability | Passengers | Rarity |
|------------|--------------|---------|------|--------|-------|--------|--------------|------------|--------|
| 1 | Aston Martin | Vantage | 2022 | Blue | TRUE | 149999 | Sport | Luxury | 3 |
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Main Menu

Manage Customers