**Logo

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**Car Dealer Ship**

**Phase 2**

**Under Supervision of:**  **Submitted by:**

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1. **Object Overview**

Graphical user interface, text, application, chat or text message

Description automatically generated Our projects are aimed towards people who want to sell, rent, or acquire new or old cars. It assists the user in gaining regular knowledge of the automotive market and knowing more about new offers.

1. **GUI Overview**

First, we have a login screen where you can login if you already have an account; otherwise, you must sign up as indicated in figure (1) to use our application. Following that, we'll be able to see the other orders that have been submitted by other users.

Figure

Graphical user interface, website

Description automatically generated

Graphical user interface, application

Description automatically generated This is the user's primary screen, as illustrated in Figure (2). First, we have the home screen, where you may sort the results by price, car type, or transmission.

Figure

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generatedGraphical user interface, application

Description automatically generatedHere is what we have said before that user can add his own order in our program as shown in the figure (3). You must fill the application after that you need to wait until the admin accept your order then you will be able to see your order in home screen. In figure 4 & 5, It clarifies that your order has been confirmed or still pending.

Figure

Figure

Figure

Graphical user interface

Description automatically generated

Finally, there is a Settings Button, which allows the user to update his or her information or password.

Graphical user interface, application

Description automatically generated

The admin's authorities include accepting or rejecting orders as well as searching for a certain user. Admins can also delete a user's account and the specific order.

1. **Code Overview**

Main Classes are:

- **The Singleton Connector** class manages the database connection for the certain functions.

**Text

Description automatically generated- File Handler Class**, which is in charge of processing orders files by retrieving the file directory for a given id and deleting the order folder if the order is deleted. In addition, if we're going to make a new Order, he'll make a folder for this orderId.

Text

Description automatically generated**- The ScreenSelector class** is responsible for returning the fxml file for a certain screen.

Graphical user interface, text

Description automatically generatedGraphical user interface, text, application

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Description automatically generated -**The IFactory Class** is design pattern that is used to handle different order FXML files.