**User Manual for Black Book**

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**Introduction to Black Book:**

The purpose of this user manual is to guide users in learning how the scope of a Used Car Market Guide System works and functions. Black Book is designed to provide the user with the VIN, the body style and the latest used car value from what the user has selected in the system. Black Book is designed to let a user update the system by choosing a car to update in the system. Black Book is designed to let a user add a car to the system. Black Book is designed to let the user remove a car from the system.

**Key Terms:**

**\*Car Manufacturer** – the brand of the vehicle.

**\*Car Year** - motor vehicle manufacturer’s production period.

* **Note:** User will be able to hover over the “Car Year” text box for a message to “Enter only numbers!”.

**\*Car Model** – refers to a name of a car product.

**\*Car Vehicle Identification Number (VIN)** - is an identification code for a specific automobile.

* **Note:** User will be able to hover over the “VIN” text box for a message to “Enter the first 5 digits of the VIN!”.

**\*Car Body Style** - refers to the shape and model of an automobile make. Usually includes two-door coupes and convertibles, four-door sedans, hatchbacks, station wagons, minivans, sport utility vehicles and trucks.

**\*Car Value** – is the value of the car.

* **Note:** User will be able to hover over the “Value” text box for a message to “Enter only numbers!”.

**User Manual Guide**

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| On the first screen, which will be the Main Menu you will be able to press the “Search” button which will allow you to choose a car manufacturer, a car year and a car model to search. The “Update” button which will allow the user to choose a car to be updated and enter information to be updated. The “Remove” button which will allow the user to enter the car year and VIN to be removed from the system. The “Add” button which will allow the user to enter the car manufacturer, car year, car model, car VIN, car body style, and car value to be add to the system. |
| Once the “Search” button is pressed on the Main Menu screen. The Search screen will be displayed. The user can either press “Return” button to return to the Main Menu screen or Exit the system by pressing the “Exit” button on the top right corner of the screen. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Once the user chooses the incorrect manufacturer but the correct car year and car model on the Search screen. Or, |
| Once the user chooses the correct manufacturer and car year but the incorrect car model on the Search screen. Once the “Search” button. Is pressed, |
| User will receive an error message once the “Search” button is pressed. And Return the user to the Main Menu to re-try. The user will get the same error message if the user presses the “Search” button without choosing any information about the car. User can either press “OK” button or “Exit” button either will allow the user to return to the Main Menu screen. |
| Once the user will choose the correct car manufacturer, a car year, and a car model from the drop-down list as followed. User press the “Search” button and a Results screen appears will show the users choices and a table with a list the car VIN, car body style, and car values of the car the user is interest in finding. The user can either press “Return” button to return to the Main Menu or Exit the system by pressing the “Exit” button on the top right corner of the screen. |
| ­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Once the “Search” button is pressed on the Search screen. The Results screen will be displayed. The Results screen will display the user’s choices and a table with a list the car VIN, car body style, and car values of the car the user is interest in finding. The user can either press “Return” button to return to the Main Menu screen or Exit the system by pressing the “Exit” button on the top right corner of the screen. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Once the “Add” button is pressed on the Main Menu screen. The Add screen will be displayed. The user can either press “Return” button to return to the Main Menu screen or Exit the system by pressing the “Exit” button on the top right corner of the screen. |
| Once the user enters letters into the text boxes for the car year and car value on the Add screen. The system will notify the user of “Invalid Entry”. User will then hover over the “Add” button for a message to click in any text box to activate the “Add” button and then the “Add” button will be activated. Once the “Add” button. Is pressed, |
| User will receive an error message once the “Search button is pressed. And Return the user to the Main Menu screen to re-try. User can either press “OK” button or “Exit” button either will allow the user to return to the Main Menu screen. |
| Once the user enters all information in each text boxes on the Add screen. User will then hover over the “Add” button for a message to click in any text box to activate the “Add” button and then the “Add” button will be activated. Once the “Add” button. Is pressed, |
| User will receive alert message once the “Add” button is pressed. User can either press “OK” button or “Exit” button either will allow the user to return to the Add screen. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Once the “Remove” button is pressed on the Main Menu screen. The Remove screen will be displayed. The user can either press “Return” button to return to the Main Menu screen or Exit the system by pressing the “Exit” button on the top right corner of the screen. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Once the user enters letters into the text box for the car year on the Remove screen. The system will notify the user of “Invalid Entry”. User will then hover over the “Remove” button for a message to click in any text box to activate the “Remove” button and then the “Remove” button will be activated. Once the “Remove” button. Is pressed, |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  User will receive an error message once the “Remove” button is pressed. And Return the user to the Main Menu screen to re-try. User can either press “OK” button or “Exit” button either will allow the user to return to the Main Menu screen. Also, |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  User will receive an error message if the user’s entry was not found. And Return the user to the Remove screen to re-try. User can either press “OK” button or “Exit” button either will allow the user to return to the Remove screen. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Once the user enters all information in each text box on the Remove screen. User will then hover over the “Remove” button for a message to click in any text box to activate the “Remove” button and then the “Remove” button will be activated. Once the “Remove” button. Is pressed, |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  User will receive alert message once the “Remove” button is pressed. User can either press “OK” button or “Exit” button either will allow the user to return to the Remove screen. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Once the “Update” button is pressed on the Main Menu screen. The Update screen will be displayed. The user can either press “Return” button to return to the Main Menu screen or Exit the system by pressing the “Exit” button on the top right corner of the screen. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Once the user enters letters into the text boxes for the car year and car value on the Update screen. The system will notify the user of “Invalid Entry”. User will then hover over the “Update” button for a message to click in any text box to activate the “Update” button and then the “Update” button will be activated. Once the “Update” button. Is pressed, |
| User will receive an error message once the “Update” button is pressed. And Return the user to the Main Menu screen to re-try. User can either press “OK” button or “Exit” button either will allow the user to return to the Main Menu screen. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Once the user enters letters into the text boxes but do not choose a car to be updated on the Update screen. User will then hover over the “Update” button for a message to click in any text box to activate the “Update” button and then the “Update” button will be activated. Once the “Update” button. Is pressed, |
| User will receive an error message once the “Update” button is pressed. And Return the user to the Main Menu screen to re-try. User can either press “OK” button or “Exit” button either will allow the user to return to the Main Menu screen. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Once the user chooses a car to be updated then enters all information in each text box on the Update screen. User will then hover over the “Update” button for a message to click in any text box to activate the “Update” button and then the “Update” button will be activated. Once the “Update” button. Is pressed, |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  User will receive alert message once the “Update” button is pressed. User can either press “OK” button or “Exit” button either will allow the user to return to the Update screen. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Once the user chooses to Exit the program. The user will get a confirmation message. If the user chooses “Yes” the program will be closed. If the user chooses “No” the program will remain on the same screen. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  The “Maximize” button on the top right corner is disabled so the user cannot access this button. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  The “Minimize” button on the top right corner will allow the user to shrink the window. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  The user will receive a message if the program cannot save a file once the user exits the system. |