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PURPOSE OF APPLICATION

The Purpose of this application is Gather user data for a flooring company, calculate and store the customer information, calculate and store the area with the given information and calculate the cost of the floor and store that data into a MYSQL database.

STARTING APPLICATION & USAGE

Once the application has been started the GUI (graphical user interface) will be displayed onscreen.

Here you will enter your First Name, Last name, Street Address, City and State, Once completed you will press continue to move to the next Tab. (See below)

The screenshot shows a window titled "Floor Estimator" with a menu bar containing "Help". Below the menu bar are three icons (a blue square with a white arrow, a black square with a white T, and a red square with a white pencil) and the text "Flooring Estimator". To the right of this is a button labeled "Load Order Table". Below these elements are four tabs: "Customer Information" (selected), "Floor Type Selector", "Order Summary", and "Order Table". The "Customer Information" tab is active and displays the following fields:

- First Name:** A text input field with a red box around it and an arrow pointing to it from a label "Enter First Name".
- Last Name:** A text input field with a red box around it and an arrow pointing to it from a label "Enter Last Name".
- Address:** A text input field with a red box around it and an arrow pointing to it from a label "Enter Address".
- City:** A text input field with a red box around it and an arrow pointing to it from a label "Enter City".
- State:** A dropdown menu with "AK" selected and a red box around it, with an arrow pointing to it from a label "Select State".
- Continue:** A button at the bottom center with a red box around it and an arrow pointing to it from a label "Move to next Tab".

After pressing continue you will be moved to the floor Type Selector page. On this page you are presented with an option and several textboxes. The choice you must make is to choose between Wood floor for \$20 per sq. Ft or Carpet which is \$10 per sq. Ft. Once selected you move onto Enter length and Enter width, input that information and press calculate which is in the center of your screen, only after all other

information has been entered. (see below) Be sure to check your Floor Area and Floor Cost, to ensure that you as a customer fully understand the cost of your floor and be sure that no mistakes have been made up to this point. Press continue to move onto next Tab where you will see an order summary to review and a place order button.

The screenshot shows the 'Floor Estimator' application window. The title bar includes a 'Help' button and standard window controls. The main menu has four tabs: 'Customer Information', 'Floor Type Selector' (which is active), 'Order Summary', and 'Order Table'. A 'Load Order Table' button is located in the top right corner. The 'Floor Selector' section prompts the user to 'Please Select Floor Type' with two radio button options: 'Wood \$20 sq.ft' and 'Carpet \$10 sq.ft'. Below this, there are two input fields: 'Enter Length' and 'Enter Width'. A 'Calculate' button is positioned between these fields. Below the input fields, there are two more input fields: 'Floor Area' and 'Floor Cost'. At the bottom, there are 'Back' and 'Continue' buttons. Red annotations with leader lines point to various elements: 'Select a floor type' points to the radio buttons; 'Enter Length' points to the 'Enter Length' input field; 'Hit Calculate' points to the 'Calculate' button; 'Displays Area' points to the 'Floor Area' input field; 'Go back to previous Tab' points to the 'Back' button; 'Enter Width' points to the 'Enter Width' input field; 'Displays Cost of Floor' points to the 'Floor Cost' input field; and 'Continue to next Tab' points to the 'Continue' button.

Floor Estimator

Help

Flooring Estimator

Load Order Table

Customer Information Floor Type Selector Order Summary Order Table

Floor Selector

Please Select Floor Type

☐ Wood \$20 sq.ft ☐ Carpet \$10 sq.ft

Enter Length Enter Width

Hit Calculate

Displays Area

Floor Area Floor Cost

Calculate

Back Continue

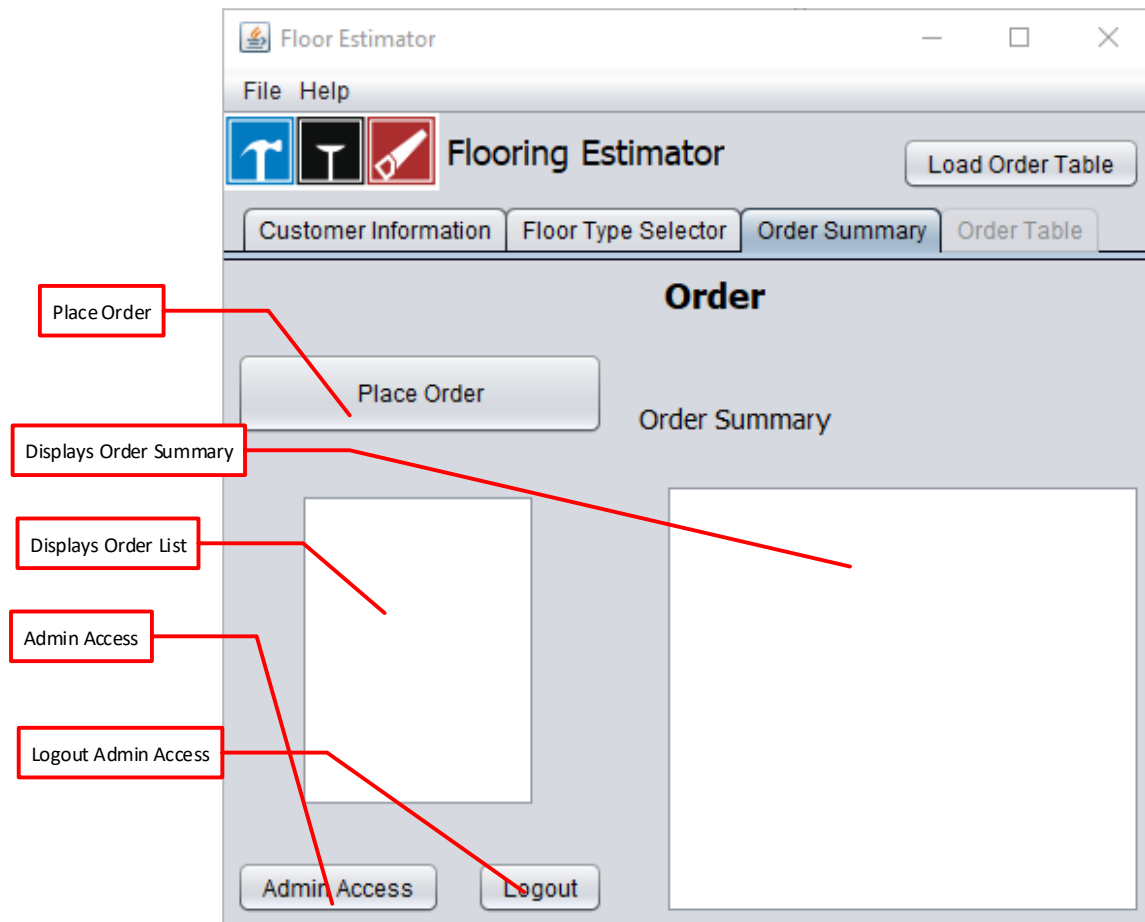
Enter Width

Displays Cost of Floor

Continue to next Tab

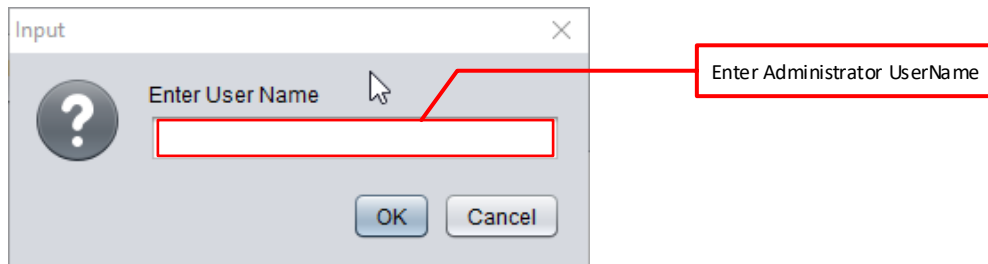
Go back to previous Tab

On the Final tab for standard users you will be greeted with a place order button and order summary and a list of names. These names are a list of names that are current, including yours. (WARNING THESE HAVE NOT BEEN SAVED UNTIL YOU PLACE AN ORDER) Click on the order you would like to review once everything is correct, click place order and you have successfully placed an order.

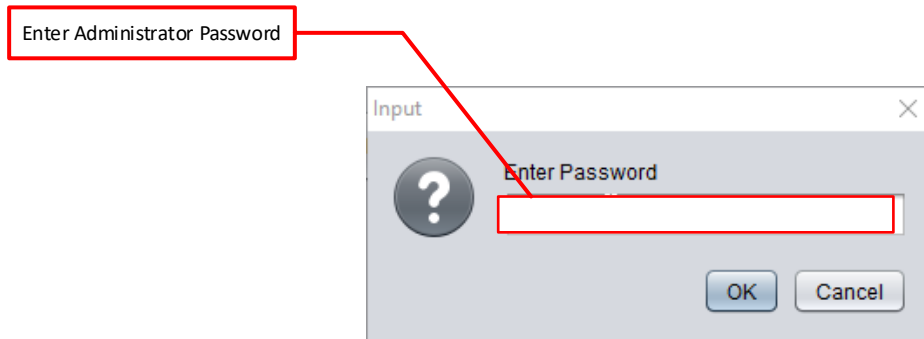


ADMINISTRATION

Administration is simple, click admin access you will be prompted for login information (see below).



A screenshot of a dialog box titled "Input" with a close button (X) in the top right corner. On the left is a circular icon containing a question mark. The text "Enter User Name" is displayed. Below the text is a text input field, which is highlighted with a red rectangle. A red line points from this rectangle to another red rectangle containing the text "Enter Administrator UserName". At the bottom of the dialog are "OK" and "Cancel" buttons.



A screenshot of a dialog box titled "Input" with a close button (X) in the top right corner. On the left is a circular icon containing a question mark. The text "Enter Password" is displayed. Below the text is a text input field, which is highlighted with a red rectangle. A red line points from this rectangle to another red rectangle containing the text "Enter Administrator Password". At the bottom of the dialog are "OK" and "Cancel" buttons.

If information entered is correct you will be given access to the Order Table tab where orders can be viewed. CAUTION logout after each use to protect customer data.