RestaurantPOS Implementation Manual

- Map> orderListMap

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- JList orderList

The order list is where the menu items will show up after being selected. With each item selected from the buttons on the left, the list will grow. It does not matter how many times you click a button, the list will continue to get longer and longer. You can also select items within this list to remove them using the "remove item" button.

- JTextField totalField

This text field is where the total price for the orders are displayed. The number within this text field will change depending on which menu items you select from the buttons and change depending on what items you have selected under different tables. It is made so the user cannot edit this field because it is a sum of all of the menu items. This was put into the JTextField.

- JComboBox tableSelector

The combo box is the dropdown box in order for one to select the table number of which they will take the order. This dropdown box quickly helps the users jump back and forth between the different tables.

- String[] menuItems

This was added into the code to create the set menu items. These were put into JButtons and the JList once selected.

- int[] menuPrices

This was added into the code so the menu items would have their own set prices. These were put into JButtons and the JList once selected.

+ void updateTotal()

updateTotal was created so that the total price at the bottom of the screen would update based on the menu items that were added to the list under each table number.

+ static void main (String[])

This is where you run the code. It launches the RestaurantPOS system for the user.

ActionListener

The ActionListener kept getting overridden because it was used with almost every aspect of the code. It was used to help clear the order when the "clear order" button was clicked. It helped remove items from the list when the "remove item" button was clicked. It helped when you selected a button from the menu items so that they would show up in the list. It also helped when the user used the dropdown box to select a new table number.

DefaultListModel

The DefaultListModel was used every time you had to use ActionListener. It was set in place so that each order under each table number would start at zero. It also was used to make sure the list was empty upon start up under every table number before use.