Project: Coffee Shop Program

**Student**: Mohamed Elarbi

|  |  |  |
| --- | --- | --- |
| End User Tasks | Objects needed | Events that will contain code |
| **Input:** |  |  |
| User will enter their name. | txtCustomerName |  |
| User will enter their Email address. | txtEmail |  |
| User will enter their phone number. | txtPhone |  |
| User will select if they are resident or not | rdoRes or rdoNRes |  |
| User may choose if they want Hot Chocolate | chkChoclate |  |
| User may choose if they want Brewed coffee | chkCoffee |  |
| User may choose if they want Latte. | chkLatte |  |
| User may choose if they want Espresso. | chkEspresso |  |
| User may choose if they want Hot Tea | chkTea |  |
| User will put in the quantity of Hot Chocolate they want. | txtQuantity1 |  |
| User will put in the quantity of Brewed coffee they want. | txtQuantity2 |  |
| User will put in the quantity of Latte they want. | txtQuantity3 |  |
| User will put in the quantity of Espresso they want. | txtQuantity4 |  |
| User will put in the quantity of Hot Tea they want. | txtQuantity5 |  |
| User will select the number of visits they made. | lstVisits |  |
| User will select if they want to donate change or not. | rdoY or rdoN |  |
| **Output:** |  |  |
| The subtotal will be displayed to the user. | lblSTotal |  |
| The discount amount and percentage will be displayed to the user. | lblDiscount |  |
| The Tax amount will be displayed to the user. | lblTax |  |
| The donation amount will be displayed to the user, if they selected yes in the donation option. | lblChange |  |
| The grand total will be displayed to the user which will include discounts and tax and/or donation amount. | lblGrandTotal |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| **User Commands:** |  |  |
| Calculate the costs and Total. | btnCalculate | Click. |
| Clear the entered input and displayed output. | btnClear | Click. |
| Exit the application | btnExit | Click. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |