

REQUIREMENTS DOCUMENT

- Date submitted: October 17, 2006
- Application title: Coffee Order Project
- Purpose: Create a project for the Burleson Coffee Express that calculates the amount due for individual orders and maintain accumulated totals for a summary.
- Program Procedures: From the Burleson Coffee Express form, the user will enter the quantity of items, select the type of item, check box if takeout, and hit "Calculate Selection". "Clear for Next Item" clears the current information without effecting the summary information. Click the "New Order" button clear the entire form and saves the summary information for later use. User click "Summary" to show total number item sold and the total amount collected. "Exit closes the program.
- Algorithms, Processing, and Conditions:
1. Have a check box for takeout Items, which are taxable at 8.25% (.0825). All other orders are not taxable.
 2. Include radio buttons for the five coffee selections: Cappuccino, Espresso, Latte, Iced Cappuccino, and Iced Latte.
 3. The prices for each will be assigned using these constants:
 - a. Cappuccino \$2.00
 - b. Espresso \$2.25
 - c. Latte \$1.75
 - d. Iced Cappuccino \$2.50
 - e. Iced Latte \$2.50
 4. Use a command button for "Calculate Selection", which will calculate and display the amount due for each item.
 5. A button for "Clear for Next Item" will clear the selections and amount for the single item.
 6. Additional Labels in a separate frame will maintain the summary information for the current order to include subtotal, takeout tax, and total.
 7. Buttons at the bottom of the form will be used for "New Order", "Summary", and "Exit":
 - a. The new order button will clear the bill for the current customer and add to the totals to the summary.
 - b. The button for summary should display the number of items sold and the total sales for the day in a message box for all completed orders.
 - c. Reset the focus to the quantity for each button.
- Notes and Restrictions: Remember to show four district steps.
- Comments:
1. Create a formal "use Case definition" document
 2. Create a "Event Planning" document
 3. Create a form, correctly naming all the objects
 4. Create the code

Burleson Coffee Express

Order Information

Quantity

Item Amount

Calculate Selection

Clear for Next Item

Coffee Selections

- Cappuccino
- Espresso
- Latte
- Iced Latte
- Iced Cappuccino

Sub Total Total Item Ordered

Takeout Tax

Total Due

Takeout ?

New Order

Summary

Exit