Business Applications Programming Assignment 1 (15%)

Friday 30th September @ 5 pm at the latest. Your submission document (word format) should follow

Please complete the following exercise and submit your solution in the online dropbox provided by

the general guidelines as detailed in the Assignment folder. Note only one submission is accepted per

assignment.

Simple Table Order App

Create a well-designed application that allows "*PizzaBothán*" staff to take table orders from customers.

When the form loads (or has been cleared for next user), the server enters their name and the table number that they are serving. On pressing the *Start* button, the server is brought to an order screen, where they can enter the number of each type of pizzas that the customers want to order.

When the *Order* button is pressed, the application displays the server's name, the total number of Pizza's ordered, and along with total value of that order.

If the user presses the *Summary* button, the application (if at least one transaction has taken place prior to being pressed) displays the total number of transactions, total pizzas sold, total company receipts, the average transaction value and the numbers of each pizza sold. If the *Clear* button is pressed at any time, the form is reset for the next user. On pressing the *Exit* button, the form closes.

Ensure that you handle any exceptions that could occur in your project and ensure that the user is helped recover from any error of this type. Remember to use good naming conventions for controls & variable names; include remarks at the top of each event handler and at the top of the class. Include ToolTips & Access Keys as appropriate.

Your application is **required** to follow the design and format of the form in the screen shots on the following pages.

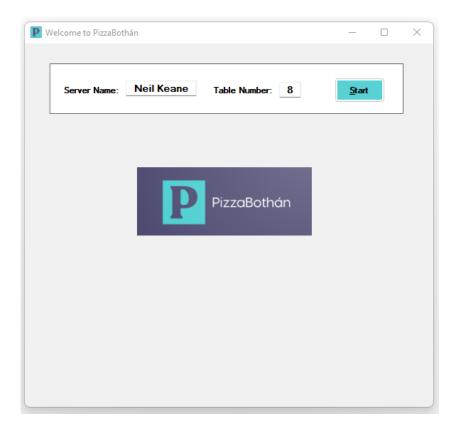


Fig 1: On Form Load || Clear Button Pressed, & User Data Entered

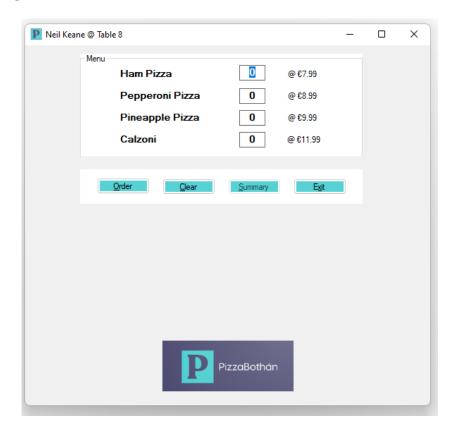


Fig 2: Form after Start Button Pressed

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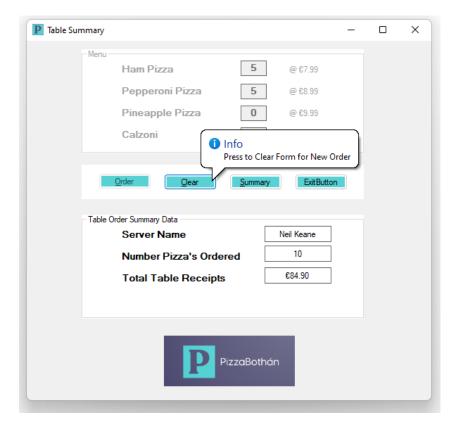


Fig 3: After Data Entered & Order Button Clicked

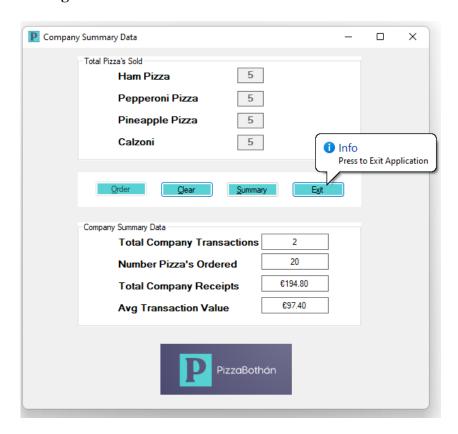


Fig 4: After Company Summary Button Clicked

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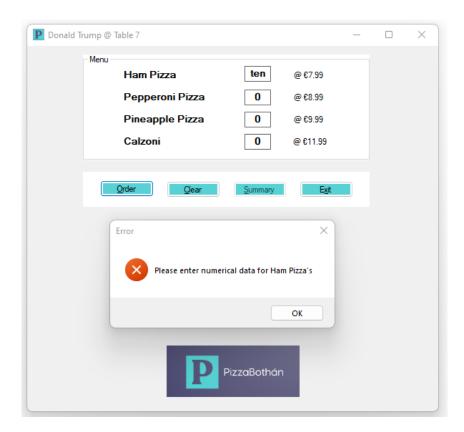


Fig 5: Input Error – handled

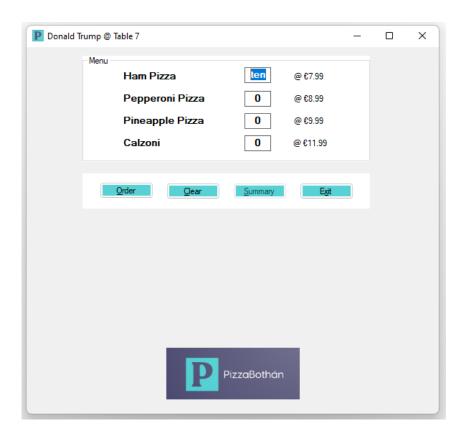


Fig 6: After OK button pressed in Message Box Page 4 of 4