

Homework Assignment 3

(200 points)

Assigned Date: Monday, February 9, 2009

Due Date: 7:00 PM Monday, February 23, 2009

Educational Goal

Design and implement a VBA application.

Requirements

- (80%) Design a VBA application for a Pizza House. The user interface should provide the following functions:
 1. Pizza toppings: Meat topping (\$5.50) of beef or chicken or ham, vegetable topping (\$4.99) of banana peppers, or red onions, or mushrooms.
 2. Quantity of pizzas to be ordered. Your program must check whether a non-numeric number is entered.
 3. Assume a user can only order one topping for a pizza, but the user can order many pizzas. For example, 10 pizzas with beef topping.
 4. Calculate the total price of the pizza ordered by the user and display the final result on the user interface.
- (10%) Design of the user interface. It should be attractive and well-organized.

Submission Requirements

1. (10%) Your program should be well-documented. Variable names and function names should be self-descriptive. Major functions should be explained clearly in comments.
2. Turn in the paper copy and soft copy of all the files **including your program code and the results that demonstrate all the functions**. Submit **a single zipped file** of all the files of this assignment through your UMassOnline account at <http://boston.umassonline.net/index.cfm>. Submit the paper copy along with the cover page in class. Paper copy should be bound firmly together as one pack (for example, staple, but not limited to, at the left corner). 5 points will be deducted for unbounded homework.
3. Name your file with SDM_ lastname_ firstname_ hw3. For example, student John Smith should name his file as AI_Smith_John_hw3.
4. No hard copies or soft copies results in 0 points.