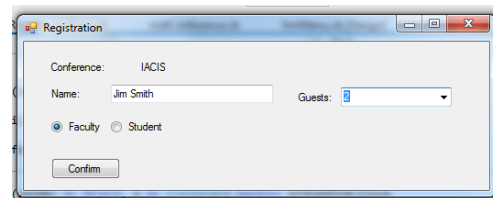
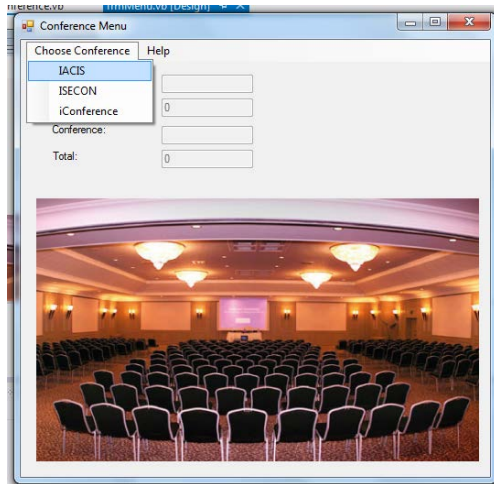


INFS 2120 Final Exam



The goal of this project is to let a user register for one of the listed IT conferences and display an invoice. You will create two forms, one for choosing a conference and displaying its information, the other for choosing the registration details: how many guests you have, are you registering as a faculty or a student, etc.

1. Create a new project with two forms. Give the forms meaningful names (I named mine frmMenu and frmRegister) **(5 points)**
2. Place the following controls on the form frmMenu **(5x4=20 points)**
 - a. Menu Strip with two menu items. One has the text "Choose Conference" and three sub-menu options ("IACIS", "ISECON", and "iConference"). The other one has the text "Help" and does not have any sub-menu options.
 - b. Four labels with the text "Name:", "Guests:", "Conference:", and "Total:"
 - c. Four text boxes with no text. Make sure that the text boxes are disabled.
 - d. Any Conference image.
3. Place the following controls on the form frmRegister **(5x5=25 points)**:
 - a. Four labels with the text "Conference" and "Name", and "Guests". Add one more label next to the right from "Conference" and make sure it does not have any text. You will later display the name of the conference on this label.
 - b. A text box that will hold the name.
 - c. A combo box that will hold the number of guests.
 - d. Two radio buttons.
 - e. A button at the bottom with the text "Confirm".

4. Add a module to your project. In the module, add the following contents **(5+10=15 points)**:
 - a. Four public variables: a string variable Conference, a string variable GuestName, a decimal variable Price, and an integer variable Guests. Make all string variables equal to an empty string "" and the rest of the variables equal to 0.
 - b. Create a public function CalculatePrice that takes two variables by value, a string ConferenceName and an integer NumGuests. The function calculates and returns the total price of the conference registration based on the following rules:
 - i. IACIS conference costs \$495
 - ii. ISECON costs \$395
 - iii. iConference costs \$595
 - iv. If the participant brings guests, additional \$50 is charged per guest
 - v. If any other value of ConferenceName was passed (not IACIS, ISECON, or iConference), the function returns 0.
5. Add the following functionality to the form frmMenu **(5+10=15 points)**:
 - a. When the form loads, the values of GuestName, Guests, Conference, and Price are placed in the corresponding text boxes.
 - b. When each of the Conference sub-menus is clicked, the following events happen.
 - i. The value of Conference becomes equal to the option that was clicked ("IACIS", "ISECON", or "iConference")
 - ii. The current form closes (hint: use Me.Close() command) and the Registration form opens.
6. Add the following functionality to the form frmRegister **(5+10+5=20 points)**:
 - a. When the form opens, the combo box that has the number of guests is populated with the values 0, 1, ... 4. When the form opens, the text of the label next to "Conference" becomes equal to the variable Conference.
 - b. When the user clicks Confirm button, the following events happen:
 - i. The value of GuestName becomes equal to the text in the text box that holds name
 - ii. The value of Guests becomes equal to the selected text in the combo box
 - iii. If Faculty radio button is selected, the value of Price becomes equal to the value of the function Calculate price, called with the variables Conference and Guests
 - iv. If Student radio button is selected, the value of Price becomes equal to the value of the function Calculate price, called with the variables Conference and Guests, minus \$200 (a student discount rate).
 - v. Current form hides and the Menu form shows.
 - c. Write the code to save user registration information in a file Registration.txt (make sure that this file is in your project folder).