

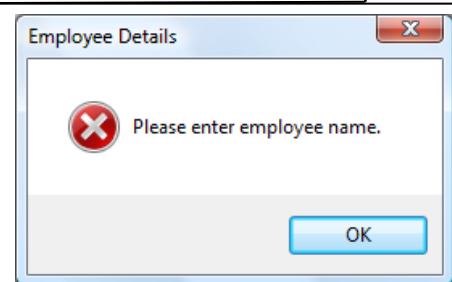
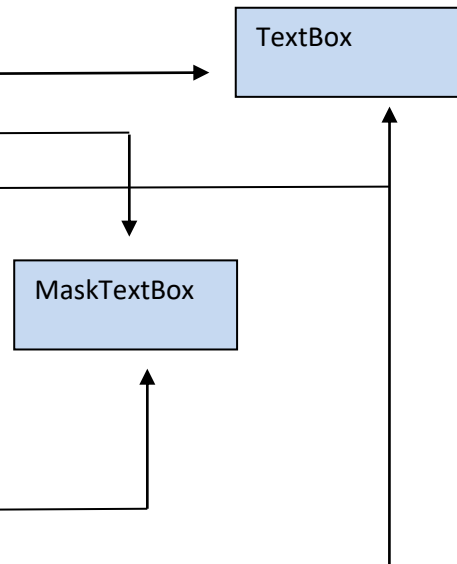
Assignment 1 : (Basic Controls)

1. Design UI as picture bellow :
2. Validation all textbox not blank.

The form titled "Employee Details" contains the following fields and controls:

- Employee Name:
- Date of Birth: (mm/dd/yyyy)
- Address:
- City:
- Country: (Select)
- Qualification:
- Phone:
- E-Mail:
- Date of Joining: (mm/dd/yyyy)
- [Link To VnExpress](#)
-

Arrows indicate validation logic: from the Name, Address, Phone, and E-Mail textboxes to a "TextBox" control; from the Date of Birth and Date of Joining textboxes to a "MaskedTextBox" control.



- When have a blank textbox (ex : Name → focus another textbox , the error message will be displayed and return focus to blank textbox)

The form titled "Employee Details" is now filled with data:

- Employee Name: Kalem Sha
- Date of Birth: 12/12/1955
- Address: 123 Main Street
- City: Bangkok
Pattaya
ChiangMai
- Country: Thailan
- Qualification: University
Master
Ph D
- Phone: 090-3372529
- E-Mail: sha@gmail.com
- Date of Joining: 12/12/2008
-

Attention : localization VietNam – there is No State

- Click submit a MessageBox will be displayed and show all info that you have entered.
- Mask of maskedTextBox Phone is 000-0000000
- ComboBox Country just have a 2 countries VietNam và Thailan (include 3 cities Pattaya,ChiangMai và Bangkok)

Hint : based Leave event to validation input data

```
// Validates the name of employee
private void txtEmployeeName_Leave(object sender, EventArgs e)
{
    if (txtEmployeeName.Text == "")
    {
        MessageBox.Show("Please enter employee name.", "Employee
Details", MessageBoxButtons.OK, MessageBoxIcon.Error);
        txtEmployeeName.Focus();
    }
}

// Validates the birth date of employee
private void msktxtDateofBirth_Leave(object sender, EventArgs e)
{
    if (msktxtDateofBirth.Text == " / /")
    {
        MessageBox.Show("Please enter date of birth.", "Employee
Details", MessageBoxButtons.OK, MessageBoxIcon.Error);
        msktxtDateofBirth.Focus();
    }
}
```

Click LinkLabel : forward to vnexpress.net site

Requirements to take a mark for Assignment :

- User Interface. (40%)
 - Validation (40%)
 - "Submit" (20%)
-

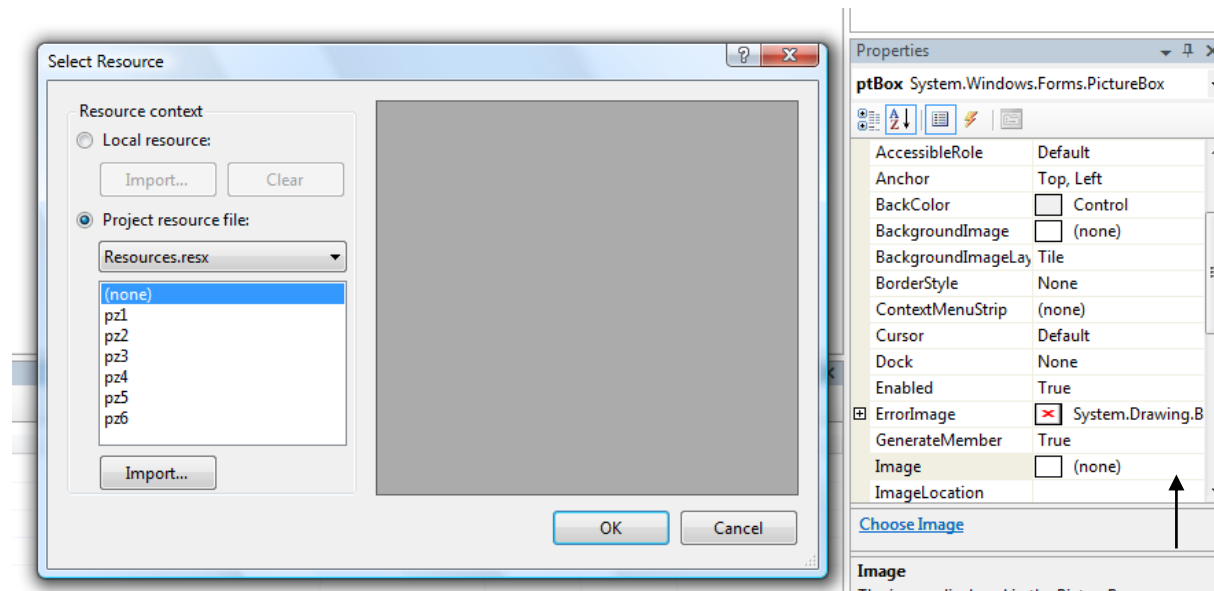
Assignment 2 : (Basic Controls)

1. UI design as picture bellow :
2. Use RadioButton.



Add image vào Resource

Choose pictureBox – click on Image property of pictureBox → “Select Resource” – click t Import to choose the pictures that you want to import . Pictures will be save on **Resource** directory of application



Add thêm 1 class “ThePizza” vào project

```
using System;
using System.Collections.Generic;
using System.Text;
using System.Drawing;

namespace Pizza
{
    class ThePizza
    {
        private Image img;
        private string recipe;
        private string ingredients;

        public ThePizza(Image a, string b, string c)
        {
            img = a;
            recipe = b;
            ingredients = c;
        }
        public Image Img
        {
            get { return img; }
        }
        public string Recipe
        {
            get { return recipe; }
        }
        public string Ingredients
    }
```

```

        {
            get { return ingredients; }
        }
    }
}

```

Trong tập tin code-behind khởi tạo 1 mảng các đối tượng ThePizza

```

public partial class Form1 : Form
{
    ThePizza[] Arr = { new ThePizza(Pizza.Properties.Resources.pz1 ,
    "Recipe 1" , "Ingredients 1") ,
                        new ThePizza(Pizza.Properties.Resources.pz2 ,
    "Recipe 2" , "Ingredients 2") ,
                        new ThePizza(Pizza.Properties.Resources.pz3 ,
    "Recipe 3" , "Ingredients 3") ,
                        new ThePizza(Pizza.Properties.Resources.pz4 ,
    "Recipe 4" , "Ingredients 4") ,
                        new ThePizza(Pizza.Properties.Resources.pz5 ,
    "Recipe 5" , "Ingredients 5") ,
                        };
    public Form1()
    {
        InitializeComponent();
    }
}

```

Event of radiobutton :

```

private void rb1_CheckedChanged(object sender, EventArgs e)
{
    if (rb1.Checked)
    {
        ThePizza m = Arr[0];
        this.ptBox.Image = m.Image;
        this.textBox1.Text = m.Recipe;
        this.textBox2.Text = m.Ingredients;
    }
}

private void rb2_CheckedChanged(object sender, EventArgs e)
{
    if (rb2.Checked)
    {
        ThePizza m = Arr[1];
        this.ptBox.Image = m.Image;
        this.textBox1.Text = m.Recipe;
        this.textBox2.Text = m.Ingredients;
    }
}

```

Take a mark Assigment :

- User Interface (40%)

- Process (60%) , choose radio button → app will be displayed appropriate picture and textboxes must change the content.