A screenshot of a computer

AI-generated content may be incorrect.This is the initial output showing the list of available classes

A screenshot of a computer

AI-generated content may be incorrect.This screenshot is showing that if a user makes no selection, the window does not close and continues operation. A screenshot of a computer

AI-generated content may be incorrect.Here we see a successful attempt at registering for a class

A screenshot of a computer

AI-generated content may be incorrect.Now we see what happens when a user fails to register for a class they haven’t already registered for.

A screenshot of a computer screen

AI-generated content may be incorrect. And finally once the user registers for 9 credit hours, there is this message until the user exits.

namespace WPFRegisterStudent

{

/// <summary>

/// Interaction logic for MainWindow.xaml

/// </summary>

public partial class MainWindow : Window

{

Course choice;

int currentCredits = 0;

public MainWindow()

{

InitializeComponent();

}

private void Window\_Loaded(object sender, RoutedEventArgs e)

{

Course course1 = new Course("IT 145");

Course course2 = new Course("IT 200");

Course course3 = new Course("IT 201");

Course course4 = new Course("IT 270");

Course course5 = new Course("IT 315");

Course course6 = new Course("IT 328");

Course course7 = new Course("IT 330");

this.comboBox.Items.Add(course1);

this.comboBox.Items.Add(course2);

this.comboBox.Items.Add(course3);

this.comboBox.Items.Add(course4);

this.comboBox.Items.Add(course5);

this.comboBox.Items.Add(course6);

this.comboBox.Items.Add(course7);

this.textBox.Text = "";

}

private void button\_Click(object sender, RoutedEventArgs e)

{

choice = (Course)(this.comboBox.SelectedItem);

// TO DO - Create code to validate user selection (the choice object)

// and to display an error or a registation confirmation message accordinlgy

// Also update the total credit hours textbox if registration is confirmed for a selected course

if (choice == null)

{

label3.Content = "Please select a course before proceeding.";

return;

}

else if (choice.IsRegisteredAlready())

{

label3.Content = $"You have already registered for this {choice.getName()} course.";

}

else if (currentCredits >= 9)

{

label3.Content = "You can not register for more than 9 credit hours.";

}

else

{

this.listBox.Items.Add(choice);

choice.SetToRegistered();

label3.Content = $"Registration Confirmed for course {choice.getName()}.";

currentCredits += 3;

textBox.Text = currentCredits.ToString();

}

}

}

}