WISEJ.NET 2.0 CONTROLS AND A NORTHWIND APPLICATION · MODULE 3 · FLEXLAYOUTPANEL FOR ADAPTABLE CONTROL LAYOUTS

AI Coding Exercise

Use the course-grounded prompt, review the generated patch and record verification evidence.

LearnWisej

AI Coding Exercise

Implement module 3 as a bounded patch, then verify the result against the lab acceptance criteria.

Before prompting

Provide your current practice page and the included example files named below. Keep a copy of the prompt, response, reviewed diff and verification evidence. This exercise works with a coding assistant of your choice.

Ready-to-use prompt

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Help me learn Wisej.NET 2.0 controls in C#. Explain the properties and event path before implementing a change.
Module 3: FlexLayoutPanel for Adaptable Control Layouts
Use the original files included in this course: code/NorthwindCourse/NorthwindPage.cs. Ask for their contents if unavailable.
Compatibility: .NET Framework 4.8, Wisej-2 2.0.54 and Wisej-2-NavigationBar 2.0.54. The web application host comes from the installed Wisej 2 template. CollapsibleSideButton is supplied course code; TagTextBox is the tagged editor; Switch is a CheckBox appearance.
Task: Build a FlexLayoutPanel practice row that switches direction while preserving the same child controls and their values.
Acceptance criteria:
1. Add a Label TextBox and Button to one FlexLayoutPanel.
2. Set horizontal LayoutStyle and Spacing and inspect the initial layout.
3. Use SetFillWeight on the editor and explain what remaining space means.
4. Switch to a taller vertical panel below a chosen breakpoint and restore the wide settings above it.
5. Test long text keyboard order and a complete narrow-to-wide round trip.
Initialize controls once, keep mutable data per Page, use decimal amounts and apply the documented inclusive date rules. Explain the exact files to change. Give one small patch and independent tests with expected results. Do not claim a command or browser check ran unless it did.
Evidence: A diagram of the parent and its three children; An explanation of direction spacing and fill weight; A two-branch resize method using existing controls; Wide and narrow screenshots with long content; Evidence that editor text and event subscriptions survive resizing.
Review questions: Which object owns SetFillWeight? Why is remaining space different from the page width? Which properties must be restored when the page widens?
```

Review and verify

- ✓ Add a Label TextBox and Button to one FlexLayoutPanel.
- ✓ Set horizontal LayoutStyle and Spacing and inspect the initial layout.
- ✓ Use SetFillWeight on the editor and explain what remaining space means.
- ✓ Switch to a taller vertical panel below a chosen breakpoint and restore the wide settings above it.
- ✓ Test long text keyboard order and a complete narrow-to-wide round trip.

Challenge the generated result

- ✓ Which object owns SetFillWeight?
- ✓ Why is remaining space different from the page width?
- ✓ Which properties must be restored when the page widens?

Record your decision

For every proposed file, record accept, revise or reject with a reason. Record exact build output and observed browser results. A plausible answer is not evidence that the application ran.

Included course examples

`code/NorthwindCourse/NorthwindPage.cs`

These original files are included in the code download. Build the exercise before comparing with the completed example.