WISEJ.NET 2.0 CONTROLS AND A NORTHWIND APPLICATION · MODULE 7 · BUILD THE NORTHWIND APPLICATION WITH THE CONTROLS YOU LEARNED

# AI Coding Exercise

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

LearnWisej

**AI Coding Exercise**

Implement module 7 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

```
Help me learn Wisej.NET 2.0 controls in C#. Explain the properties and event path before
implementing a change.
Module 7: Build the Northwind Application With the Controls You Learned
Use the original files included in this course: code/NorthwindCourse/NorthwindPage.cs,
code/NorthwindCourse/CollapsibleSideButton.cs, code/NorthwindCourse/OrderData.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 and demonstrate a seven-view Northwind-style dashboard using the controls
practiced in modules one through six.
Acceptance criteria:
1. Create a blank Wisej 2.0 web application and add the supplied original data and side-
button component.
2. Build the seven-item NavigationBar shell and the body detail status and flexible filter
containers.
3. Wire the tag editor switch and date inputs to one RefreshRows method and bind each view
explicitly.
4. Add selected-order details and implement both directions of the compact and vertical
layout transition.
5. Run the complete numerical interaction and responsive acceptance demonstration before
comparing with the supplied solution.
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 runnable template-hosted application and package build log; A seven-view
navigation demonstration explaining the reused controls; Verified counts and totals for the
four specified filter states; Order detail empty-state invalid-date and responsive evidence;
An AI decision log and a final explanation of data scope and remaining production work.
```

```
Review questions: Which earlier module explains each control in the final screen? Why do
Products and Team hide the order filters? What evidence shows the views agree about the same
filtered orders?
```

## Review and verify

- ✓ Create a blank Wisej 2.0 web application and add the supplied original data and side-button component.
- ✓ Build the seven-item NavigationBar shell and the body detail status and flexible filter containers.
- ✓ Wire the tag editor switch and date inputs to one RefreshRows method and bind each view explicitly.
- ✓ Add selected-order details and implement both directions of the compact and vertical layout transition.
- ✓ Run the complete numerical interaction and responsive acceptance demonstration before comparing with the supplied solution.

## Challenge the generated result

- ✓ Which earlier module explains each control in the final screen?
- ✓ Why do Products and Team hide the order filters?
- ✓ What evidence shows the views agree about the same filtered orders?

## 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` · `code/NorthwindCourse/CollapsibleSideButton.cs` · `code/NorthwindCourse/OrderData.cs`

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