WISEJ.NET 2.0 CONTROLS AND A NORTHWIND APPLICATION · MODULE 5 · CHECKBOX SWITCH APPEARANCE AND BOOLEAN STATE

AI Coding Exercise

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

LearnWisej

AI Coding Exercise

Implement module 5 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 5: CheckBox Switch Appearance and Boolean State
Use the original files included in this course: code/NorthwindCourse/NorthwindPage.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: Use CheckBox with Appearance.Switch to apply and clear an open-orders filter with
matching row counts and totals.
Acceptance criteria:
1. Create a CheckBox with Switch appearance and an explicit enabled-state label.
2. Initialize Checked to false and show its value in a diagnostic label.
3. Handle CheckedChanged through one shared refresh method.
4. Verify all-orders and open-orders counts and totals using the supplied data.
5. Combine the switch with Germany tags and test Reset and an empty result.
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 configured CheckBox and clear label; A truth table for the open-order predicate;
Observed six-order and three-order results; The one-order Germany result and its 150.00
total; Keyboard reset and empty-result evidence.
Review questions: What changes when Appearance becomes Switch? Why does filtering not change
an order's shipment status? Which collection supplies both the grid and its total?
```

Review and verify

- ✓ Create a CheckBox with Switch appearance and an explicit enabled-state label.

- ✓ Initialize Checked to false and show its value in a diagnostic label.
- ✓ Handle CheckedChanged through one shared refresh method.
- ✓ Verify all-orders and open-orders counts and totals using the supplied data.
- ✓ Combine the switch with Germany tags and test Reset and an empty result.

Challenge the generated result

- ✓ What changes when Appearance becomes Switch?
- ✓ Why does filtering not change an order's shipment status?
- ✓ Which collection supplies both the grid and its total?

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/OrderData.cs`

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