Validating User Input

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Module Outline

Understand input validation in WPF

Validate the firstname of a customer
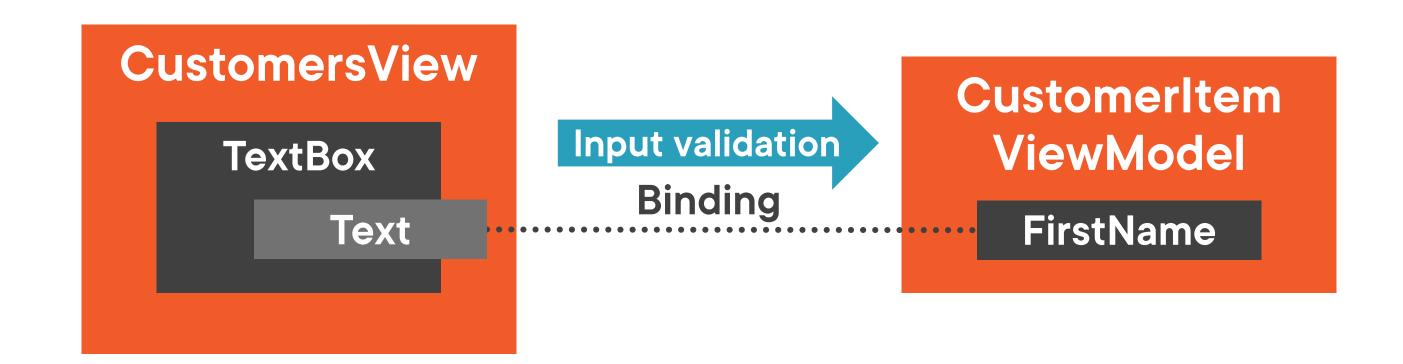
- Create a ValidationViewModelBase class
- Implement INotifyDataErrorInfo
- Validate the FirstName property

Show the error in the user interface

- In a tooltip
- Below the TextBox

Understand Input Validation in WPF

CustomersView

TextBox

Text

Input validation

Binding

CustomerItem ViewModel

FirstName

Understand Input Validation in WPF

Exceptions
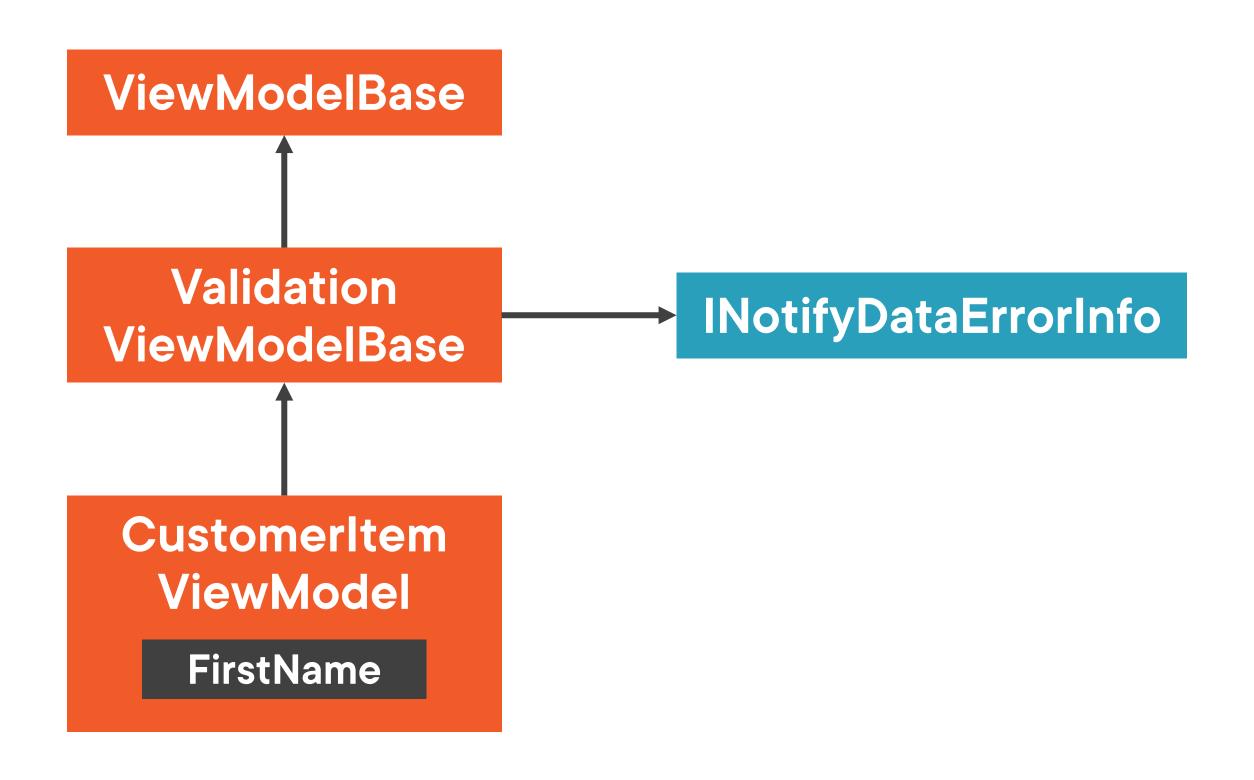
IDataErrorInfo

INotifyData
ErrorInfo

Custom validation rule

The Plan with INotifyDataErrorInfo

Demo

Create a ValidationViewModelBase class

Demo

Add methods to add and remove errors

Demo

Validate the FirstName property

Demo
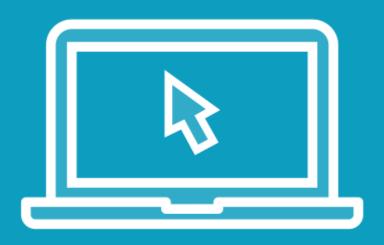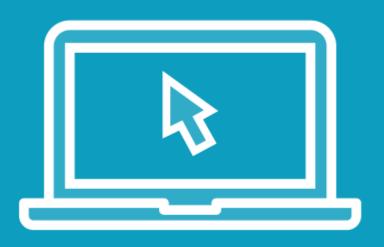
Remove the red border in the ListView

Demo

Show the error in the tooltip

Demo

Use the validation error template

Demo

Show the error in the user interface

Summary

Validate the firstname of a customer
- Create a ValidationViewModelBase class
- Implement INotifyDataErrorInfo

Show the error in the user interface
- In a tooltip
- Below the TextBox

Binding sets attached properties
- Validation.HasError

Up Next:
Debugging Your WPF Application