

Building an Enterprise App with WPF, MVVM, and Entity Framework Code First

LOOKING AT THE SCENARIO



Thomas Claudius Huber

MICROSOFT MVP (WINDOWS DEVELOPMENT)

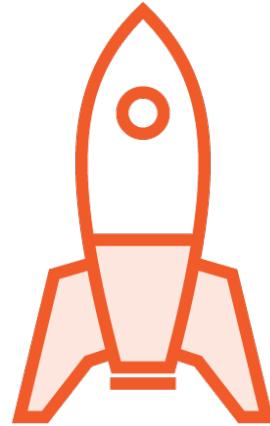
@thomasclaudiush www.thomasclaudiushuber.com



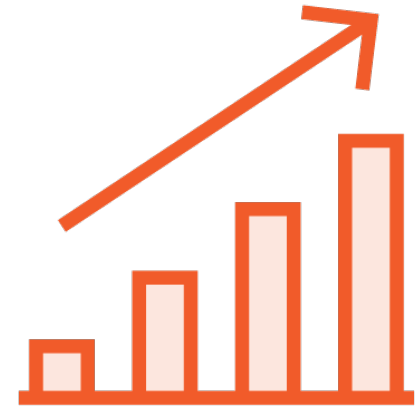
How This Course Is Structured



File → New project



Build a basic application
to organize friends



Refactor and extend



Typical Features of a Business Application



Create, Read,
Update, Delete



Validating User Input



Handling different
data relations

Demo



What you build: The FriendOrganizer



Course Outline

Looking at the Scenario

Defining the Scenario

Entity Framework

Decoupling the UI Parts

Communicating Between
ViewModels

Saving Data

Validating User Input

Adding and Deleting
Entities

Detecting Model Changes

Working with Lookups

Working with Object
Graphs

Refactoring to Support
Other Detail Views

Introducing Another
Detail View

Picking M:N-related
Details

Switching to a Tabbed UI

Creating a Detail View
for Collections

Implementing Optimistic
Concurrency

Styling the Application