

# Styling the Application

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# Module Outline



**What the final application should look like**

**Ways to style your WPF application**

**Style the FriendOrganizer application with Mahapps.Metro**

- Add the open source library
- Use its base styles and MetroWindow
- Style the navigation and tab headers
- Adjust fontsizes & colors in the app
- Use the Mahapps MessageDialog



# Demo

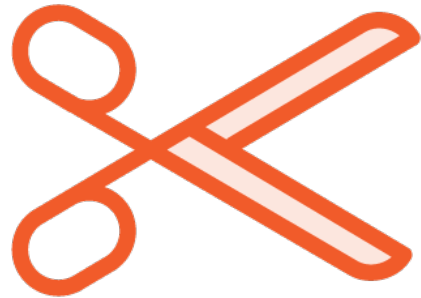


What the current FriendOrganizer application looks like

What the final application should look like



# Ways to Style Your WPF Application



Create your own  
custom styles

TextBox

ListView

...

ComboBox

TabItem

DataGrid

MenuItem

Button



# Ways to Style Your WPF Application



Create your own  
custom styles



Use a 3<sup>rd</sup> party control  
vendor with  
theming support



Use a UI toolkit  
for styling  
like Mahapps.Metro

# Demo



## Add Mahapps.Metro to the FriendOrganizer application

- Install the nuget package
- Use the MetroWindow
- Add the Mahapps.Metro styles



# Demo



Style the navigation

Style the tab headers



# Demo



**Fix the font sizes for  
Buttons and ComboBoxes**





# Demo



## Adjust the colors of different controls

- Validation errors
- Labels
- DateTimePicker



# Demo



Use the TextBox style  
from Mahapps.Metro



# Demo



Use the Mahapps.Metro MessageDialog  
instead of the classic MessageBox



# Demo



## The final FriendOrganizer application

FRIENDORGANIZER

Create Edit

**FRIENDS**

Thomas Huber<sup>X</sup> Learn WPF<sup>X</sup>

Thomas Huber  
Urs Meier  
Erkan Egin  
Sara Huber

Firstname  
Thomas

Lastname  
Huber

Email  
thomas@thomasclaudiushuber.com

Favorite Language  
TypeScript

**MEETINGS**

Watching Soccer  
Learn WPF

**PHONE NUMBERS**

+49 12345678

ADD

REMOVE

SAVE DELETE



# Course Summary



Build an enterprise app with WPF, MVVM,  
and Entity Framework Code First

Create a database with  
Entity Framework Code First

Set up your WPF application with MVVM

Communication between ViewModels  
with Prism's EventAggregator

Validate user input with  
Data Annotations & INotifyDataErrorInfo

Use Autofac for Dependency Injection

Use Mahapps.Metro for styling



What's next for you?



# WPF and MVVM Courses on Pluralsight

**WPF and MVVM:  
Test Driven Development  
of ViewModels**

**WPF and MVVM:  
Advanced Model Treatment**

