[WPF C# Professional Modern Flat UI Tutorial](https://www.youtube.com/watch?v=PzP8mw7JUzI)

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Full Code Below:

# Start new WPF solution in Visual Studio.

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# Name it:

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# Starting point. Code looks like this initially

MainWindow.xaml

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

mc:Ignorable="d"

Title="MainWindow" Height="450" Width="800">

<Grid>

</Grid>

</Window>

MainWindow.xaml.cs

using System.Windows;

namespace ModernDesign

{

public partial class MainWindow : Window

{

public MainWindow()

{

InitializeComponent();

}

}

}

# Remove the following code

Title is not going to be used so remove it.

MainWindow.xaml

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

mc:Ignorable="d"

~~Title="MainWindow"~~ Height="450" Width="800">

<Grid>

</Grid>

</Window>

# Add the following folders:

* Core
* Fonts
* Images
* MVVM
  + Model
  + View
  + ViewModel
* Theme

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# Add ObservableObject class to Core folder

Initial code:

ObservableObject.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ModernDesign.Core

{

internal class ObservableObject

{

}

}

# Make following changes to ObservableObject class

ObservableObject.cs

~~using System;~~

~~using System.Collections.Generic;~~

~~using System.Linq;~~

~~using System.Text;~~

~~using System.Threading.Tasks;~~

using System.ComponentModel;

using System.Runtime.CompilerServices;

namespace ModernDesign.Core

{

internal class ObservableObject : INotifyPropertyChanged

{

public event PropertyChangedEventHandler PropertyChanged;

protected void OnPropertyChanged([CallerMemberName] string name = null)

{

PropertyChanged?.Invoke(this, new PropertyChangedEventArgs(name));

}

}

}

# Add RelayCommand class to Core folder

Initial code:

RelayCommand.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ModernDesign.Core

{

internal class ObservableObject

{

}

}

# Modify RelayCommand class as follows:

RelayCommand.cs

using System;

~~using System.Collections.Generic;~~

~~using System.Linq;~~

~~using System.Text;~~

~~using System.Threading.Tasks;~~

using System.Windows.Input;

namespace ModernDesign.Core

{

internal class RelayCommand : ICommand

{

private Action<object> \_execute;

private Func<object, bool> \_canExecute;

public event EventHandler CanExecuteChanged

{

add { CommandManager.RequerySuggested += value; }

remove { CommandManager.RequerySuggested -= value; }

}

public RelayCommand(Action<object> execute, Func<object, bool> canExecute = null)

{

\_execute = execute;

\_canExecute = canExecute;

}

public bool CanExecute(object parameter)

{

return \_canExecute == null || \_canExecute(parameter);

}

public void Execute(object parameter)

{

\_execute(parameter);

}

}

}

# Starting work on the UI – initial changes

Make the following changes to the windows style and behaviour:

MainWindow.xaml

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

mc:Ignorable="d"

Height="600" Width="920"

WindowStyle="None"

ResizeMode="NoResize"

Background="Transparent"

AllowsTransparency="True"

>

~~<Grid>~~

~~</Grid>~~

</Window>

# Add border, rows and columns:

MainWindow.xaml

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

mc:Ignorable="d"

Height="600" Width="920"

WindowStyle="None"

ResizeMode="NoResize"

Background="Transparent"

AllowsTransparency="True"

>

<Border Background="#272537"

CornerRadius="0">

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="200"/>

<ColumnDefinition/>

</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

<RowDefinition Height="75"/>

<RowDefinition/>

</Grid.RowDefinitions>

</Grid>

</Border>

</Window>

# Add logo text in top left corner

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MainWindow.xaml

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

mc:Ignorable="d"

Height="600" Width="920"

WindowStyle="None"

ResizeMode="NoResize"

Background="Transparent"

AllowsTransparency="True"

>

<Border Background="#272537"

CornerRadius="0">

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="200"/>

<ColumnDefinition/>

</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

<RowDefinition Height="75"/>

<RowDefinition/>

</Grid.RowDefinitions>

<TextBlock Text="UKAD"

VerticalAlignment="Center"

HorizontalAlignment="Center"

Foreground="White"

FontSize="45"

Margin="5"

/>

</Grid>

</Border>

</Window>

# Add menu buttons (radio buttons) down left column

In order to add the navigation buttons we are going to create RadioButtons in the MainWindow.xaml file and reference a style in the Theme folder. Firstly add the RadioButton.

MainWindow.xaml

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

mc:Ignorable="d"

Height="600" Width="920"

WindowStyle="None"

ResizeMode="NoResize"

Background="Transparent"

AllowsTransparency="True"

>

<Border Background="#272537"

CornerRadius="0">

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="200"/>

<ColumnDefinition/>

</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

<RowDefinition Height="75"/>

<RowDefinition/>

</Grid.RowDefinitions>

<TextBlock Text="UKAD"

VerticalAlignment="Center"

HorizontalAlignment="Center"

Foreground="White"

FontSize="45"

Margin="5"

/>

<StackPanel Grid.Row="1">

<RadioButton Content="Home"

Height="50"

Foreground="White"

FontSize="14"

/>

</StackPanel>

</Grid>

</Border>

</Window>

# Add resource dictionary to Theme folder for MenuButtonTheme

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Initial code:

MenuButtonTheme.xaml

<ResourceDictionary xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml">

</ResourceDictionary>

# Add this to MenuButtonTheme resource dictionary

MenuButtonTheme.xaml

<ResourceDictionary xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml">

<Style BasedOn="{StaticResource {x:Type ToggleButton}}"

TargetType="{x:Type RadioButton}"

x:Key="MenuButtonTheme"

>

<Style.Setters>

<Setter Property="Template">

<Setter.Value>

<ControlTemplate>

<Grid VerticalAlignment="Stretch"

HorizontalAlignment="Stretch"

Background="{TemplateBinding Background}"

>

<TextBlock Text="Hello"

VerticalAlignment="Center"

Margin="50,0,0,0"

/>

</Grid>

</ControlTemplate>

</Setter.Value>

</Setter>

<Setter Property="Background" Value="Transparent"/>

<Setter Property="BorderThickness" Value="0"/>

</Style.Setters>

<Style.Triggers>

<Trigger Property="IsChecked" Value="True">

<Setter Property="Background" Value="#22202f"/>

</Trigger>

</Style.Triggers>

</Style>

</ResourceDictionary>

# Add resource dictionary to App.xaml

Open App.xaml:

Initial code:

App.xaml

<Application x:Class="ModernDesign.App"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:local="clr-namespace:ModernDesign"

StartupUri="MainWindow.xaml">

<Application.Resources>

</Application.Resources>

</Application>

# Add the following code to App.xaml

App.xaml

<Application x:Class="ModernDesign.App"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:local="clr-namespace:ModernDesign"

StartupUri="MainWindow.xaml">

<Application.Resources>

<ResourceDictionary>

<ResourceDictionary.MergedDictionaries>

<ResourceDictionary Source="Theme/MenuButtonTheme.xaml"/>

</ResourceDictionary.MergedDictionaries>

</ResourceDictionary>

</Application.Resources>

</Application>

# Add the following code to MainWindow.xaml

MainWindow.xaml

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

mc:Ignorable="d"

Height="600" Width="920"

WindowStyle="None"

ResizeMode="NoResize"

Background="Transparent"

AllowsTransparency="True"

>

<Border Background="#272537"

CornerRadius="0">

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="200"/>

<ColumnDefinition/>

</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

<RowDefinition Height="75"/>

<RowDefinition/>

</Grid.RowDefinitions>

<TextBlock Text="UKAD"

VerticalAlignment="Center"

HorizontalAlignment="Center"

Foreground="White"

FontSize="45"

Margin="5"

/>

<StackPanel Grid.Row="1">

<RadioButton Content="Home"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

</StackPanel>

</Grid>

</Border>

</Window>

# RadioButton still says Hello, change this.

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Make the following changes:

MenuButtonTheme.xaml

<ResourceDictionary xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml">

<Style BasedOn="{StaticResource {x:Type ToggleButton}}"

TargetType="{x:Type RadioButton}"

x:Key="MenuButtonTheme"

>

<Style.Setters>

<Setter Property="Template">

<Setter.Value>

<ControlTemplate TargetType="RadioButton">

<Grid VerticalAlignment="Stretch"

HorizontalAlignment="Stretch"

Background="{TemplateBinding Background}"

>

<TextBlock Text="{TemplateBinding Property=Content}"

VerticalAlignment="Center"

Margin="50,0,0,0"

/>

</Grid>

</ControlTemplate>

</Setter.Value>

</Setter>

<Setter Property="Background" Value="Transparent"/>

<Setter Property="BorderThickness" Value="0"/>

</Style.Setters>

<Style.Triggers>

<Trigger Property="IsChecked" Value="True">

<Setter Property="Background" Value="#22202f"/>

</Trigger>

</Style.Triggers>

</Style>

</ResourceDictionary>

# Add two more radio buttons

MenuButtonTheme.xaml

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

mc:Ignorable="d"

Height="600" Width="920"

WindowStyle="None"

ResizeMode="NoResize"

Background="Transparent"

AllowsTransparency="True"

>

<Border Background="#272537"

CornerRadius="0">

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="200"/>

<ColumnDefinition/>

</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

<RowDefinition Height="75"/>

<RowDefinition/>

</Grid.RowDefinitions>

<TextBlock Text="UKAD"

VerticalAlignment="Center"

HorizontalAlignment="Center"

Foreground="White"

FontSize="45"

Margin="5"

/>

<StackPanel Grid.Row="1">

<RadioButton Content="Home"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

<RadioButton Content="Discovery"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

<RadioButton Content="Featured"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

</StackPanel>

</Grid>

</Border>

</Window>

# Add basic search bar (pre styling)

MainWindow.xaml

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

mc:Ignorable="d"

Height="600" Width="920"

WindowStyle="None"

ResizeMode="NoResize"

Background="Transparent"

AllowsTransparency="True"

>

<Border Background="#272537"

CornerRadius="0">

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="200"/>

<ColumnDefinition/>

</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

<RowDefinition Height="75"/>

<RowDefinition/>

</Grid.RowDefinitions>

<TextBlock Text="UKAD"

VerticalAlignment="Center"

HorizontalAlignment="Center"

Foreground="White"

FontSize="45"

Margin="5"

/>

<StackPanel Grid.Row="1">

<RadioButton Content="Home"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

<RadioButton Content="Discovery"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

<RadioButton Content="Featured"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

</StackPanel>

<TextBox Width="250"

Height="40"

VerticalContentAlignment="Center"

HorizontalAlignment="Left"

Margin="5"

Grid.Column="1"

/>

</Grid>

</Border>

</Window>

# Styling the search bar

Add TextBoxTheme.xaml to Theme folder:

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Initial code:

TextBoxTheme.xaml

<ResourceDictionary xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml">

</ResourceDictionary>

# Add the following code

TextBoxTheme.xaml

<ResourceDictionary xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml">

<Style TargetType="{x:Type TextBox}"

x:Key="TextBoxTheme">

<Setter Property="Template">

<Setter.Value>

<ControlTemplate TargetType="{x:Type TextBox}">

<Border CornerRadius="25"

Background="#353340"

Width="200"

Height="40"

>

<Grid>

<Rectangle StrokeThickness="1"/>

<TextBox Margin="1"

Text="{TemplateBinding Text}"

BorderThickness="0"

Background="Transparent"

VerticalContentAlignment="Center"

Padding="5"

Foreground="#cfcfcf"

x:Name="SearchBox"

/>

<TextBlock IsHitTestVisible="False"

Text="Search"

VerticalAlignment="Center"

HorizontalAlignment="Left"

Margin="10,0,0,0"

FontSize="11"

Foreground="DarkGray"

Grid.Column="1"

>

<TextBlock.Style>

<Style TargetType="{x:Type TextBlock}">

<Style.Triggers>

<DataTrigger Binding="{Binding Text, ElementName=SearchBox}" Value="">

<Setter Property="Visibility" Value="Visible"/>

</DataTrigger>

</Style.Triggers>

<Setter Property="Visibility" Value="Hidden"/>

</Style>

</TextBlock.Style>

</TextBlock>

</Grid>

</Border>

</ControlTemplate>

</Setter.Value>

</Setter>

</Style>

</ResourceDictionary>

# Add the following code to App.xaml

App.xaml

<Application x:Class="ModernDesign.App"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:local="clr-namespace:ModernDesign"

StartupUri="MainWindow.xaml">

<Application.Resources>

<ResourceDictionary>

<ResourceDictionary.MergedDictionaries>

<ResourceDictionary Source="Theme/MenuButtonTheme.xaml"/>

<ResourceDictionary Source="Theme/TextBoxTheme.xaml"/>

</ResourceDictionary.MergedDictionaries>

</ResourceDictionary>

</Application.Resources>

</Application>

# Add the following code to MainWindow.xaml

MainWindow.xaml

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

mc:Ignorable="d"

Height="600" Width="920"

WindowStyle="None"

ResizeMode="NoResize"

Background="Transparent"

AllowsTransparency="True"

>

<Border Background="#272537"

CornerRadius="0">

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="200"/>

<ColumnDefinition/>

</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

<RowDefinition Height="75"/>

<RowDefinition/>

</Grid.RowDefinitions>

<TextBlock Text="UKAD"

VerticalAlignment="Center"

HorizontalAlignment="Center"

Foreground="White"

FontSize="45"

Margin="5"

/>

<StackPanel Grid.Row="1">

<RadioButton Content="Home"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

<RadioButton Content="Discovery"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

<RadioButton Content="Featured"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

</StackPanel>

<TextBox Width="250"

Height="40"

VerticalContentAlignment="Center"

HorizontalAlignment="Left"

Margin="5"

Grid.Column="1"

Style="{StaticResource TextBoxTheme}"

/>

</Grid>

</Border>

</Window>

# Add one more control to MainWindow.xaml

Add a ContentControl.

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MainWindow.xaml

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

mc:Ignorable="d"

Height="600" Width="920"

WindowStyle="None"

ResizeMode="NoResize"

Background="Transparent"

AllowsTransparency="True"

>

<Border Background="#272537"

CornerRadius="0">

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="200"/>

<ColumnDefinition/>

</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

<RowDefinition Height="75"/>

<RowDefinition/>

</Grid.RowDefinitions>

<TextBlock Text="UKAD"

VerticalAlignment="Center"

HorizontalAlignment="Center"

Foreground="White"

FontSize="45"

Margin="5"

/>

<StackPanel Grid.Row="1">

<RadioButton Content="Home"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

<RadioButton Content="Discovery"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

<RadioButton Content="Featured"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

</StackPanel>

<TextBox Width="250"

Height="40"

VerticalContentAlignment="Center"

HorizontalAlignment="Left"

Margin="5"

Grid.Column="1"

Style="{StaticResource TextBoxTheme}"

/>

<ContentControl Grid.Row="1"

Grid.Column="1"

Margin="10"

/>

</Grid>

</Border>

</Window>

# Start binding stuff

So there is nothing in the ContentControl yet but add MainViewModel.cs class to ViewModel folder.

A screenshot of a computer program

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Initial code:

MainViewModel.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ModernDesign.MVVM.ViewModel

{

internal class MainViewModel

{

}

}

# Add the following code to MainViewModel.cs

MainViewModel.cs

using ModernDesign.Core;

namespace ModernDesign.MVVM.ViewModel

{

internal class MainViewModel : ObservableObject

{

public MainViewModel()

{

}

}

}

# Add the User Control (WPF) HomeView.xaml to View folder

This is the main window.

A screenshot of a computer

Description automatically generated

Initial code:

HomeView.xaml

<UserControl x:Class="ModernDesign.MVVM.View.HomeView"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:local="clr-namespace:ModernDesign.MVVM.View"

mc:Ignorable="d"

d:DesignHeight="450" d:DesignWidth="800">

<Grid>

</Grid>

</UserControl>

# Add the following code to HomeView.xaml

HomeView.xaml

<UserControl x:Class="ModernDesign.MVVM.View.HomeView"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:local="clr-namespace:ModernDesign.MVVM.View"

mc:Ignorable="d"

d:DesignHeight="450" d:DesignWidth="800">

<StackPanel>

<TextBlock Text="Discover"

Foreground="White"

FontSize="28"

HorizontalAlignment="Left"

Margin="0,0,0,20"

/>

<StackPanel Orientation="Horizontal">

<Border Width="400"

Height="200"

>

<Border.Background>

<LinearGradientBrush StartPoint="0,0" EndPoint="1,2">

<GradientStop Color="#5bc3ff" Offset="0.0"/>

<GradientStop Color="#3aa0ff" Offset="1"/>

</LinearGradientBrush>

</Border.Background>

<Border.Clip>

<RectangleGeometry RadiusX="10"

RadiusY="10"

Rect="0,0,400,200"

/>

</Border.Clip>

<Grid>

<StackPanel>

<TextBlock Text="World leader&#x0a;in global finance"

Foreground="White"

FontSize="28"

Margin="20,10,10,0"

/>

<TextBlock Text="Get started today"

Foreground="White"

FontSize="18"

Margin="20,10,10,0"

/>

</StackPanel>

</Grid>

</Border>

</StackPanel>

</StackPanel>

</UserControl>

STOPPED AT 25:41

Adding an image

STARTED BACK AT 26:45

Current view so far:

A blue rectangle with white text

Description automatically generated

# Add the following code to HomeView.xaml

Create second block:

A screenshot of a computer screen

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HomeView.xaml

<UserControl x:Class="ModernDesign.MVVM.View.HomeView"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:local="clr-namespace:ModernDesign.MVVM.View"

mc:Ignorable="d"

d:DesignHeight="450" d:DesignWidth="800">

<StackPanel>

<TextBlock Text="Discover"

Foreground="White"

FontSize="28"

HorizontalAlignment="Left"

Margin="0,0,0,20"

/>

<StackPanel Orientation="Horizontal">

<Border Width="400"

Height="200"

>

<Border.Background>

<LinearGradientBrush StartPoint="0,0" EndPoint="1,2">

<GradientStop Color="#5bc3ff" Offset="0.0"/>

<GradientStop Color="#3aa0ff" Offset="1"/>

</LinearGradientBrush>

</Border.Background>

<Border.Clip>

<RectangleGeometry RadiusX="10"

RadiusY="10"

Rect="0,0,400,200"

/>

</Border.Clip>

<Grid>

<StackPanel>

<TextBlock Text="World leader&#x0a;in global finance"

Foreground="White"

FontSize="28"

Margin="20,10,10,0"

/>

<TextBlock Text="Get started today"

Foreground="White"

FontSize="18"

Margin="20,10,10,0"

/>

</StackPanel>

</Grid>

</Border>

<Border Width="200"

Height="200"

CornerRadius="10"

Margin="45,0,0,0"

>

<Border.Background>

<LinearGradientBrush StartPoint="0,0" EndPoint="1,2">

<GradientStop Color="#ffc554" Offset="0.0"/>

<GradientStop Color="#ffb73a" Offset="1"/>

</LinearGradientBrush>

</Border.Background>

</Border>

</StackPanel>

</StackPanel>

</UserControl>

# Add the following code to HomeView.xaml

Add the next title text:

A screenshot of a computer screen

Description automatically generated

HomeView.xaml

<UserControl x:Class="ModernDesign.MVVM.View.HomeView"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:local="clr-namespace:ModernDesign.MVVM.View"

mc:Ignorable="d"

d:DesignHeight="450" d:DesignWidth="800">

<StackPanel>

<TextBlock Text="Discover"

Foreground="White"

FontSize="28"

HorizontalAlignment="Left"

Margin="0,0,0,20"

/>

<StackPanel Orientation="Horizontal">

<Border Width="400"

Height="200"

>

<Border.Background>

<LinearGradientBrush StartPoint="0,0" EndPoint="1,2">

<GradientStop Color="#5bc3ff" Offset="0.0"/>

<GradientStop Color="#3aa0ff" Offset="1"/>

</LinearGradientBrush>

</Border.Background>

<Border.Clip>

<RectangleGeometry RadiusX="10"

RadiusY="10"

Rect="0,0,400,200"

/>

</Border.Clip>

<Grid>

<StackPanel>

<TextBlock Text="World leader&#x0a;in global finance"

Foreground="White"

FontSize="28"

Margin="20,10,10,0"

/>

<TextBlock Text="Get started today"

Foreground="White"

FontSize="18"

Margin="20,10,10,0"

/>

</StackPanel>

</Grid>

</Border>

<Border Width="200"

Height="200"

CornerRadius="10"

Margin="45,0,0,0"

>

<Border.Background>

<LinearGradientBrush StartPoint="0,0" EndPoint="1,2">

<GradientStop Color="#ffc554" Offset="0.0"/>

<GradientStop Color="#ffb73a" Offset="1"/>

</LinearGradientBrush>

</Border.Background>

</Border>

<StackPanel>

<TextBlock Text="Most Watched"

Foreground="White"

FontSize="18"

HorizontalAlignment="Left"

Margin="0,0,0,10"

/>

</StackPanel>

</StackPanel>

</StackPanel>

</UserControl>

# Add the following code to HomeView.xaml

Add four boxes:

A screenshot of a computer screen

Description automatically generated

HomeView.xaml

<UserControl x:Class="ModernDesign.MVVM.View.HomeView"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:local="clr-namespace:ModernDesign.MVVM.View"

mc:Ignorable="d"

d:DesignHeight="450" d:DesignWidth="800">

<StackPanel>

<TextBlock Text="Discover"

Foreground="White"

FontSize="28"

HorizontalAlignment="Left"

Margin="0,0,0,20"

/>

<StackPanel Orientation="Horizontal">

<Border Width="400"

Height="200"

>

<Border.Background>

<LinearGradientBrush StartPoint="0,0" EndPoint="1,2">

<GradientStop Color="#5bc3ff" Offset="0.0"/>

<GradientStop Color="#3aa0ff" Offset="1"/>

</LinearGradientBrush>

</Border.Background>

<Border.Clip>

<RectangleGeometry RadiusX="10"

RadiusY="10"

Rect="0,0,400,200"

/>

</Border.Clip>

<Grid>

<StackPanel>

<TextBlock Text="World leader&#x0a;in global finance"

Foreground="White"

FontSize="28"

Margin="20,10,10,0"

/>

<TextBlock Text="Get started today"

Foreground="White"

FontSize="18"

Margin="20,10,10,0"

/>

</StackPanel>

</Grid>

</Border>

<Border Width="200"

Height="200"

CornerRadius="10"

Margin="45,0,0,0"

>

<Border.Background>

<LinearGradientBrush StartPoint="0,0" EndPoint="1,2">

<GradientStop Color="#ffc554" Offset="0.0"/>

<GradientStop Color="#ffb73a" Offset="1"/>

</LinearGradientBrush>

</Border.Background>

</Border>

</StackPanel>

<StackPanel>

<StackPanel.Resources>

<Style TargetType="{x:Type Border}">

<Setter Property="Margin" Value="15,0,0,0"/>

</Style>

</StackPanel.Resources>

<TextBlock Text="Most Watched"

Foreground="White"

FontSize="18"

HorizontalAlignment="Left"

Margin="0,0,0,10"

/>

<StackPanel Orientation="Horizontal">

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Height="150"

Background="#844eff"

CornerRadius="10"

/>

<Border Width="150"

Height="150"

Background="#4e99ff"

CornerRadius="10"

/>

<Border Width="150"

Height="150"

Background="#4eff91"

CornerRadius="10"

/>

<Border Width="150"

Height="150"

Background="#ecff4e"

CornerRadius="10"

/>

</StackPanel>

</StackPanel>

</StackPanel>

</UserControl>

# Change margin on first box

HomeView.xaml

<UserControl x:Class="ModernDesign.MVVM.View.HomeView"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:local="clr-namespace:ModernDesign.MVVM.View"

mc:Ignorable="d"

d:DesignHeight="450" d:DesignWidth="800">

<StackPanel>

<TextBlock Text="Discover"

Foreground="White"

FontSize="28"

HorizontalAlignment="Left"

Margin="0,0,0,20"

/>

<StackPanel Orientation="Horizontal">

<Border Width="400"

Height="200"

>

<Border.Background>

<LinearGradientBrush StartPoint="0,0" EndPoint="1,2">

<GradientStop Color="#5bc3ff" Offset="0.0"/>

<GradientStop Color="#3aa0ff" Offset="1"/>

</LinearGradientBrush>

</Border.Background>

<Border.Clip>

<RectangleGeometry RadiusX="10"

RadiusY="10"

Rect="0,0,400,200"

/>

</Border.Clip>

<Grid>

<StackPanel>

<TextBlock Text="World leader&#x0a;in global finance"

Foreground="White"

FontSize="28"

Margin="20,10,10,0"

/>

<TextBlock Text="Get started today"

Foreground="White"

FontSize="18"

Margin="20,10,10,0"

/>

</StackPanel>

</Grid>

</Border>

<Border Width="200"

Height="200"

CornerRadius="10"

Margin="45,0,0,0"

>

<Border.Background>

<LinearGradientBrush StartPoint="0,0" EndPoint="1,2">

<GradientStop Color="#ffc554" Offset="0.0"/>

<GradientStop Color="#ffb73a" Offset="1"/>

</LinearGradientBrush>

</Border.Background>

</Border>

</StackPanel>

<StackPanel>

<StackPanel.Resources>

<Style TargetType="{x:Type Border}">

<Setter Property="Margin" Value="15,0,0,0"/>

</Style>

</StackPanel.Resources>

<TextBlock Text="Most Watched"

Foreground="White"

FontSize="18"

HorizontalAlignment="Left"

Margin="0,0,0,10"

/>

<StackPanel Orientation="Horizontal">

<Border Width="150"

Height="150"

Background="#844eff"

CornerRadius="10"

Margin="0"

/>

<Border Width="150"

Height="150"

Background="#4e99ff"

CornerRadius="10"

/>

<Border Width="150"

Height="150"

Background="#4eff91"

CornerRadius="10"

/>

<Border Width="150"

Height="150"

Background="#ecff4e"

CornerRadius="10"

/>

</StackPanel>

</StackPanel>

</StackPanel>

</UserControl>

# Create new ViewModel called HomeViewModel.

Create new ViewModel called HomeViewModel.

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Initial code, no need to add any code in here:

HomeViewModel.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ModernDesign.MVVM.ViewModel

{

internal class HomeViewModel

{

}

}

# Add ViewModel namespace in App.xaml.

App.xaml

<Application x:Class="ModernDesign.App"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:local="clr-namespace:ModernDesign"

xmlns:viewModel="clr-namespace:ModernDesign.MVVM.ViewModel"

StartupUri="MainWindow.xaml">

<Application.Resources>

<ResourceDictionary>

<ResourceDictionary.MergedDictionaries>

<ResourceDictionary Source="Theme/MenuButtonTheme.xaml"/>

<ResourceDictionary Source="Theme/TextBoxTheme.xaml"/>

</ResourceDictionary.MergedDictionaries>

</ResourceDictionary>

</Application.Resources>

</Application>

# Create DataTemplate in App.xaml.

App.xaml

<Application x:Class="ModernDesign.App"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:local="clr-namespace:ModernDesign"

xmlns:viewModel="clr-namespace:ModernDesign.MVVM.ViewModel"

xmlns:view="clr-namespace:ModernDesign.MVVM.View"

StartupUri="MainWindow.xaml">

<Application.Resources>

<ResourceDictionary>

<ResourceDictionary.MergedDictionaries>

<ResourceDictionary Source="Theme/MenuButtonTheme.xaml"/>

<ResourceDictionary Source="Theme/TextBoxTheme.xaml"/>

</ResourceDictionary.MergedDictionaries>

<DataTemplate DataType="{x:Type viewModel:HomeViewModel}">

<view:HomeView/>

</DataTemplate>

</ResourceDictionary>

</Application.Resources>

</Application>

Head into MainViewModel.cs

Add full property

# Add following code to MainViewModel.cs.

MainViewModel.cs

using ModernDesign.Core;

namespace ModernDesign.MVVM.ViewModel

{

internal class MainViewModel : ObservableObject

{

public HomeViewModel HomeVM { get; set; }

private object \_currentView;

public object CurrentView

{

get { return \_currentView; }

set

{

\_currentView = value;

OnPropertyChanged();

}

}

public MainViewModel()

{

HomeVM = new HomeViewModel();

}

}

}

# Binding.

MainWindow.xaml

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

mc:Ignorable="d"

Height="600" Width="920"

WindowStyle="None"

ResizeMode="NoResize"

Background="Transparent"

AllowsTransparency="True"

>

<Border Background="#272537"

CornerRadius="0">

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="200"/>

<ColumnDefinition/>

</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

<RowDefinition Height="75"/>

<RowDefinition/>

</Grid.RowDefinitions>

<TextBlock Text="UKAD"

VerticalAlignment="Center"

HorizontalAlignment="Center"

Foreground="White"

FontSize="45"

Margin="5"

/>

<StackPanel Grid.Row="1">

<RadioButton Content="Home"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

<RadioButton Content="Discovery"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

<RadioButton Content="Featured"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

</StackPanel>

<TextBox Width="250"

Height="40"

VerticalContentAlignment="Center"

HorizontalAlignment="Left"

Margin="5"

Grid.Column="1"

Style="{StaticResource TextBoxTheme}"

/>

<ContentControl Grid.Row="1"

Grid.Column="1"

Margin="10"

Content="{Binding}"

/>

</Grid>

</Border>

</Window>

# Add DataContext.

MainWindow.xaml

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

xmlns:viewModel="clr-namespace:ModernDesign.MVVM.ViewModel"

mc:Ignorable="d"

Height="600" Width="920"

WindowStyle="None"

ResizeMode="NoResize"

Background="Transparent"

AllowsTransparency="True"

>

<Window.DataContext>

<viewModel:MainViewModel/>

</Window.DataContext>

<Border Background="#272537"

CornerRadius="0">

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="200"/>

<ColumnDefinition/>

</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

<RowDefinition Height="75"/>

<RowDefinition/>

</Grid.RowDefinitions>

<TextBlock Text="UKAD"

VerticalAlignment="Center"

HorizontalAlignment="Center"

Foreground="White"

FontSize="45"

Margin="5"

/>

<StackPanel Grid.Row="1">

<RadioButton Content="Home"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

<RadioButton Content="Discovery"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

<RadioButton Content="Featured"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

</StackPanel>

<TextBox Width="250"

Height="40"

VerticalContentAlignment="Center"

HorizontalAlignment="Left"

Margin="5"

Grid.Column="1"

Style="{StaticResource TextBoxTheme}"

/>

<ContentControl Grid.Row="1"

Grid.Column="1"

Margin="10"

Content="{Binding CurrentView}"

/>

</Grid>

</Border>

</Window>

# Add this code.

MainViewModel.cs

using ModernDesign.Core;

namespace ModernDesign.MVVM.ViewModel

{

internal class MainViewModel : ObservableObject

{

public HomeViewModel HomeVM { get; set; }

private object \_currentView;

public object CurrentView

{

get { return \_currentView; }

set

{

\_currentView = value;

OnPropertyChanged();

}

}

public MainViewModel()

{

HomeVM = new HomeViewModel();

CurrentView = HomeVM;

}

}

}

# Add margin.

Add margin and adjust DesignHeight:

HomeView.xaml

<UserControl x:Class="ModernDesign.MVVM.View.HomeView"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:local="clr-namespace:ModernDesign.MVVM.View"

mc:Ignorable="d"

d:DesignHeight="460" d:DesignWidth="800">

<StackPanel>

<TextBlock Text="Discover"

Foreground="White"

FontSize="28"

HorizontalAlignment="Left"

Margin="0,0,0,20"

/>

<StackPanel Orientation="Horizontal"

Margin="0,0,0,10"

>

<Border Width="400"

Height="200"

>

<Border.Background>

<LinearGradientBrush StartPoint="0,0" EndPoint="1,2">

<GradientStop Color="#5bc3ff" Offset="0.0"/>

<GradientStop Color="#3aa0ff" Offset="1"/>

</LinearGradientBrush>

</Border.Background>

<Border.Clip>

<RectangleGeometry RadiusX="10"

RadiusY="10"

Rect="0,0,400,200"

/>

</Border.Clip>

<Grid>

<StackPanel>

<TextBlock Text="World leader&#x0a;in global finance"

Foreground="White"

FontSize="28"

Margin="20,10,10,0"

/>

<TextBlock Text="Get started today"

Foreground="White"

FontSize="18"

Margin="20,10,10,0"

/>

</StackPanel>

</Grid>

</Border>

<Border Width="200"

Height="200"

CornerRadius="10"

Margin="45,0,0,0"

>

<Border.Background>

<LinearGradientBrush StartPoint="0,0" EndPoint="1,2">

<GradientStop Color="#ffc554" Offset="0.0"/>

<GradientStop Color="#ffb73a" Offset="1"/>

</LinearGradientBrush>

</Border.Background>

</Border>

</StackPanel>

<StackPanel>

<StackPanel.Resources>

<Style TargetType="{x:Type Border}">

<Setter Property="Margin" Value="15,0,0,0"/>

</Style>

</StackPanel.Resources>

<TextBlock Text="Most Watched"

Foreground="White"

FontSize="18"

HorizontalAlignment="Left"

Margin="0,0,0,10"

/>

<StackPanel Orientation="Horizontal">

<Border Width="150"

Height="150"

Background="#844eff"

CornerRadius="10"

Margin="0"

/>

<Border Width="150"

Height="150"

Background="#4e99ff"

CornerRadius="10"

/>

<Border Width="150"

Height="150"

Background="#4eff91"

CornerRadius="10"

/>

<Border Width="150"

Height="150"

Background="#ecff4e"

CornerRadius="10"

/>

</StackPanel>

</StackPanel>

</StackPanel>

</UserControl>

# Add new User Control called HomeView.xaml to View folder.

A screenshot of a computer

Description automatically generated

Initial code:

HomeView.xaml

<UserControl x:Class="ModernDesign.MVVM.View.DiscoveryView"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:local="clr-namespace:ModernDesign.MVVM.View"

mc:Ignorable="d"

d:DesignHeight="450" d:DesignWidth="800">

<Grid>

</Grid>

</UserControl>

# Change background so it is noticeably different.

HomeView.xaml

<UserControl x:Class="ModernDesign.MVVM.View.DiscoveryView"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:local="clr-namespace:ModernDesign.MVVM.View"

mc:Ignorable="d"

d:DesignHeight="450" d:DesignWidth="800"

Background="Azure"

>

<Grid>

</Grid>

</UserControl>

# Add new class to ViewModel called DiscoveryViewModel.cs

A screenshot of a computer program

Description automatically generated

Initial code:

DiscoveryViewModel.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ModernDesign.MVVM.ViewModel

{

internal class DiscoveryViewModel

{

}

}

# Add code to App.xaml

App.xaml

<Application x:Class="ModernDesign.App"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:local="clr-namespace:ModernDesign"

xmlns:viewModel="clr-namespace:ModernDesign.MVVM.ViewModel"

xmlns:view="clr-namespace:ModernDesign.MVVM.View"

StartupUri="MainWindow.xaml">

<Application.Resources>

<ResourceDictionary>

<ResourceDictionary.MergedDictionaries>

<ResourceDictionary Source="Theme/MenuButtonTheme.xaml"/>

<ResourceDictionary Source="Theme/TextBoxTheme.xaml"/>

</ResourceDictionary.MergedDictionaries>

<DataTemplate DataType="{x:Type viewModel:HomeViewModel}">

<view:HomeView/>

</DataTemplate>

<DataTemplate DataType="{x:Type viewModel:DiscoveryViewModel}">

<view:DiscoveryView/>

</DataTemplate>

</ResourceDictionary>

</Application.Resources>

</Application>

# Add following code to MainViewModel

MainWindow.xaml

using ModernDesign.Core;

namespace ModernDesign.MVVM.ViewModel

{

internal class MainViewModel : ObservableObject

{

public RelayCommand HomeViewCommand { get; set; }

public RelayCommand DiscoveryViewCommand { get; set; }

public HomeViewModel HomeVM { get; set; }

public DiscoveryViewModel DiscoveryVM { get; set; }

private object \_currentView;

public object CurrentView

{

get { return \_currentView; }

set

{

\_currentView = value;

OnPropertyChanged();

}

}

public MainViewModel()

{

HomeVM = new HomeViewModel();

DiscoveryVM = new DiscoveryViewModel();

CurrentView = HomeVM;

HomeViewCommand = new RelayCommand(o =>

{

CurrentView = HomeVM;

});

DiscoveryViewCommand = new RelayCommand(o =>

{

CurrentView = DiscoveryVM;

});

}

}

}

# Add following code to MainViewModel

<Window x:Class="ModernDesign.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:ModernDesign"

xmlns:viewModel="clr-namespace:ModernDesign.MVVM.ViewModel"

mc:Ignorable="d"

Height="600" Width="920"

WindowStyle="None"

ResizeMode="NoResize"

Background="Transparent"

AllowsTransparency="True"

>

<Window.DataContext>

<viewModel:MainViewModel/>

</Window.DataContext>

<Border Background="#272537"

CornerRadius="0">

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="200"/>

<ColumnDefinition/>

</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

<RowDefinition Height="75"/>

<RowDefinition/>

</Grid.RowDefinitions>

<TextBlock Text="UKAD"

VerticalAlignment="Center"

HorizontalAlignment="Center"

Foreground="White"

FontSize="45"

Margin="5"

/>

<StackPanel Grid.Row="1">

<RadioButton Content="Home"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

IsChecked="True"

Command="{Binding HomeViewCommand}"

/>

<RadioButton Content="Discovery"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

Command="{Binding DiscoveryViewCommand}"

/>

<RadioButton Content="Featured"

Height="50"

Foreground="White"

FontSize="14"

Style="{StaticResource MenuButtonTheme}"

/>

</StackPanel>

<TextBox Width="250"

Height="40"

VerticalContentAlignment="Center"

HorizontalAlignment="Left"

Margin="5"

Grid.Column="1"

Style="{StaticResource TextBoxTheme}"

/>

<ContentControl Grid.Row="1"

Grid.Column="1"

Margin="10"

Content="{Binding CurrentView}"

/>

</Grid>

</Border>

</Window>