**SOURCE CODE**

**APP.XAML:**

using System;

using System.Diagnostics;

using System.Resources;

using System.Windows;

using System.Windows.Markup;

using System.Windows.Navigation;

using Microsoft.Phone.Controls;

using Microsoft.Phone.Shell;

using sdkLocationWP8CS.Resources;

using Windows.Devices.Geolocation;

namespace sdkLocationWP8CS

{

public partial class App : Application

{

/// <summary>

/// Provides easy access to the root frame of the Phone Application.

/// </summary>

/// <returns>The root frame of the Phone Application.</returns>

public static PhoneApplicationFrame RootFrame { get; private set; }

// Global Geolocator so that it doesn't go out of scope

public static Geolocator Geolocator { get; set; }

// boolean to track whether we are currently running in the background

public static bool RunningInBackground { get; set; }

/// <summary>

/// Constructor for the Application object.

/// </summary>

public App()

{

// Global handler for uncaught exceptions.

UnhandledException += Application\_UnhandledException;

// Standard XAML initialization

InitializeComponent();

// Phone-specific initialization

InitializePhoneApplication();

// Language display initialization

InitializeLanguage();

// Show graphics profiling information while debugging.

if (Debugger.IsAttached)

{

// Display the current frame rate counters.

Application.Current.Host.Settings.EnableFrameRateCounter = true;

// Show the areas of the app that are being redrawn in each frame.

//Application.Current.Host.Settings.EnableRedrawRegions = true;

// Enable non-production analysis visualization mode,

// which shows areas of a page that are handed off to GPU with a colored overlay.

//Application.Current.Host.Settings.EnableCacheVisualization = true;

// Prevent the screen from turning off while under the debugger by disabling

// the application's idle detection.

// Caution:- Use this under debug mode only. Application that disables user idle detection will continue to run

// and consume battery power when the user is not using the phone.

PhoneApplicationService.Current.UserIdleDetectionMode = IdleDetectionMode.Disabled;

}

}

// Code to execute when the application is launching (eg, from Start)

// This code will not execute when the application is reactivated

private void Application\_Launching(object sender, LaunchingEventArgs e)

{

}

// Code to execute when the application is activated (brought to foreground)

// This code will not execute when the application is first launched

private void Application\_Activated(object sender, ActivatedEventArgs e)

{

// Pages can check this value and know that they can resume updating the UI

RunningInBackground = false;

}

// Code to execute when the application is deactivated (sent to background)

// This code will not execute when the application is closing

private void Application\_Deactivated(object sender, DeactivatedEventArgs e)

{

}

// Code to execute when the application is closing (eg, user hit Back)

// This code will not execute when the application is deactivated

private void Application\_Closing(object sender, ClosingEventArgs e)

{

}

private void Application\_RunningInBackground(object sender, RunningInBackgroundEventArgs args)

{

// Pages can check this value and know to suspend all unnecessary processing such as UI updates

RunningInBackground = true;

}

// Code to execute if a navigation fails

private void RootFrame\_NavigationFailed(object sender, NavigationFailedEventArgs e)

{

if (Debugger.IsAttached)

{

// A navigation has failed; break into the debugger

Debugger.Break();

}

}

// Code to execute on Unhandled Exceptions

private void Application\_UnhandledException(object sender, ApplicationUnhandledExceptionEventArgs e)

{

if (Debugger.IsAttached)

{

// An unhandled exception has occurred; break into the debugger

Debugger.Break();

}

}

#region Phone application initialization

// Avoid double-initialization

private bool phoneApplicationInitialized = false;

// Do not add any additional code to this method

private void InitializePhoneApplication()

{

if (phoneApplicationInitialized)

return;

// Create the frame but don't set it as RootVisual yet; this allows the splash

// screen to remain active until the application is ready to render.

RootFrame = new PhoneApplicationFrame();

RootFrame.Navigated += CompleteInitializePhoneApplication;

// Handle navigation failures

RootFrame.NavigationFailed += RootFrame\_NavigationFailed;

// Handle reset requests for clearing the backstack

RootFrame.Navigated += CheckForResetNavigation;

// Ensure we don't initialize again

phoneApplicationInitialized = true;

}

// Do not add any additional code to this method

private void CompleteInitializePhoneApplication(object sender, NavigationEventArgs e)

{

// Set the root visual to allow the application to render

if (RootVisual != RootFrame)

RootVisual = RootFrame;

// Remove this handler since it is no longer needed

RootFrame.Navigated -= CompleteInitializePhoneApplication;

}

private void CheckForResetNavigation(object sender, NavigationEventArgs e)

{

// If the app has received a 'reset' navigation, then we need to check

// on the next navigation to see if the page stack should be reset

if (e.NavigationMode == NavigationMode.Reset)

RootFrame.Navigated += ClearBackStackAfterReset;

}

private void ClearBackStackAfterReset(object sender, NavigationEventArgs e)

{

// Unregister the event so it doesn't get called again

RootFrame.Navigated -= ClearBackStackAfterReset;

// Only clear the stack for 'new' (forward) and 'refresh' navigations

if (e.NavigationMode != NavigationMode.New && e.NavigationMode != NavigationMode.Refresh)

return;

// For UI consistency, clear the entire page stack

while (RootFrame.RemoveBackEntry() != null)

{

; // do nothing

}

}

#endregion

// Initialize the app's font and flow direction as defined in its localized resource strings.

//

// To ensure that the font of your application is aligned with its supported languages and that the

// FlowDirection for each of those languages follows its traditional direction, ResourceLanguage

// and ResourceFlowDirection should be initialized in each resx file to match these values with that

// file's culture. For example:

//

// AppResources.es-ES.resx

// ResourceLanguage's value should be "es-ES"

// ResourceFlowDirection's value should be "LeftToRight"

//

// AppResources.ar-SA.resx

// ResourceLanguage's value should be "ar-SA"

// ResourceFlowDirection's value should be "RightToLeft"

//

// For more info on localizing Windows Phone apps see http://go.microsoft.com/fwlink/?LinkId=262072.

//

private void InitializeLanguage()

{

try

{

// Set the font to match the display language defined by the

// ResourceLanguage resource string for each supported language.

//

// Fall back to the font of the neutral language if the Display

// language of the phone is not supported.

//

// If a compiler error is hit then ResourceLanguage is missing from

// the resource file.

RootFrame.Language = XmlLanguage.GetLanguage(AppResources.ResourceLanguage);

// Set the FlowDirection of all elements under the root frame based

// on the ResourceFlowDirection resource string for each

// supported language.

//

// If a compiler error is hit then ResourceFlowDirection is missing from

// the resource file.

FlowDirection flow = (FlowDirection)Enum.Parse(typeof(FlowDirection), AppResources.ResourceFlowDirection);

RootFrame.FlowDirection = flow;

}

catch

{

// If an exception is caught here it is most likely due to either

// ResourceLangauge not being correctly set to a supported language

// code or ResourceFlowDirection is set to a value other than LeftToRight

// or RightToLeft.

if (Debugger.IsAttached)

{

Debugger.Break();

}

throw;

}

}

}

}

**CATEGORY.XAML:**

<phone:PhoneApplicationPage

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

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

xmlns:phone="clr-namespace:Microsoft.Phone.Controls;assembly=Microsoft.Phone"

xmlns:shell="clr-namespace:Microsoft.Phone.Shell;assembly=Microsoft.Phone"

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

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

xmlns:Notification="clr-namespace:Syncfusion.WP.Controls.Notification;assembly=Syncfusion.SfHubTile.WP8"

x:Class="sdkLocationWP8CS.caregory"

mc:Ignorable="d"

FontFamily="{StaticResource PhoneFontFamilyNormal}"

FontSize="{StaticResource PhoneFontSizeNormal}"

Foreground="{StaticResource PhoneForegroundBrush}"

SupportedOrientations="Portrait" Orientation="Portrait"

shell:SystemTray.IsVisible="False">

<!--LayoutRoot contains the root grid where all other page content is placed-->

<Grid x:Name="LayoutRoot">

<phone:Panorama Title="The Local Headliner">

<phone:PanoramaItem Header="favourites">

<Grid Margin="0,-33,0,-3">

<Notification:SfHubTile x:Name="topnews" Content="TopNews" HorizontalAlignment="Left" Margin="10,64,0,0" VerticalAlignment="Top" Height="135" Width="129" Click="topnews\_Click"/>

<Notification:SfHubTile x:Name="mostread" Content="Most Read" HorizontalAlignment="Left" Margin="144,64,0,0" VerticalAlignment="Top" Height="135" Width="129" Click="mostread\_Click"/>

<Notification:SfHubTile x:Name="mostshared" Content="Most Shared" HorizontalAlignment="Left" Margin="144,231,0,0" VerticalAlignment="Top" Height="123" Width="129" Click="mostshared\_Click"/>

<Notification:SfHubTile x:Name="mostcommented" Content="Most Commented" HorizontalAlignment="Left" Margin="144,386,0,0" VerticalAlignment="Top" Height="123" Width="129" Click="mostcommented\_Click"/>

<Notification:SfHubTile x:Name="sundaytoi" Content="Sunday TOI" HorizontalAlignment="Left" Margin="10,386,0,0" VerticalAlignment="Top" Height="123" Width="129" Click="sundaytoi\_Click"/>

<Notification:SfHubTile x:Name="opinions" Content="Opinions" HorizontalAlignment="Left" Margin="10,231,0,0" VerticalAlignment="Top" Height="123" Width="129" Click="opinions\_Click"/>

<Notification:SfHubTile x:Name="most\_recent" Content="Most Recent" HorizontalAlignment="Left" Margin="278,64,0,0" VerticalAlignment="Top" Height="445" Width="129" FontSize="20" Click="most\_recent\_Click"/>

</Grid>

</phone:PanoramaItem>

<phone:PanoramaItem Header="news categories" Width="438">

<ScrollViewer>

<Grid Height="483">

<Notification:SfHubTile x:Name="business" Content="Business" HorizontalAlignment="Left" Margin="10,10,0,0" VerticalAlignment="Top" Height="108" Width="129" Click="business\_Click"/>

<Notification:SfHubTile x:Name="cricket" Content="Cricket" HorizontalAlignment="Left" Margin="287,349,0,0" VerticalAlignment="Top" Height="108" Width="129" Click="cricket\_Click"/>

<Notification:SfHubTile x:Name="sports" Content="Sports" HorizontalAlignment="Left" Margin="144,349,0,0" VerticalAlignment="Top" Height="108" Width="138" Click="sports\_Click"/>

<Notification:SfHubTile x:Name="health" Content="Health" HorizontalAlignment="Left" Margin="10,349,0,0" VerticalAlignment="Top" Height="108" Width="129" Click="health\_Click"/>

<Notification:SfHubTile x:Name="science" Content="Science" HorizontalAlignment="Left" Margin="287,236,0,0" VerticalAlignment="Top" Height="108" Width="129" Click="science\_Click"/>

<Notification:SfHubTile x:Name="environment" Content="Environment" HorizontalAlignment="Left" Margin="144,236,0,0" VerticalAlignment="Top" Height="108" Width="138"/>

<Notification:SfHubTile x:Name="tech" Content="Tech" HorizontalAlignment="Left" Margin="10,236,0,0" VerticalAlignment="Top" Height="108" Width="129" Click="tech\_Click"/>

<Notification:SfHubTile x:Name="education" Content="Education" HorizontalAlignment="Left" Margin="287,123,0,0" VerticalAlignment="Top" Height="108" Width="129" Click="education\_Click"/>

<Notification:SfHubTile x:Name="entertainment" Content="Entertainment" HorizontalAlignment="Left" Margin="144,123,0,0" VerticalAlignment="Top" Height="108" Width="138" Click="entertainment\_Click"/>

<Notification:SfHubTile x:Name="lifestyle" Content="Lifestyle" HorizontalAlignment="Left" Margin="10,123,0,0" VerticalAlignment="Top" Height="108" Width="129" Click="lifestyle\_Click"/>

<Notification:SfHubTile x:Name="india" Content="India" HorizontalAlignment="Left" Margin="287,10,0,0" VerticalAlignment="Top" Height="108" Width="129" Click="india\_Click"/>

<Notification:SfHubTile x:Name="nri" Content="NRI" HorizontalAlignment="Left" Margin="144,10,0,0" VerticalAlignment="Top" Height="108" Width="138" Click="nri\_Click"/>

</Grid>

</ScrollViewer>

</phone:PanoramaItem>

</phone:Panorama>

</Grid>

</phone:PhoneApplicationPage>

**CATEGORYNEWS.XAML:**

<phone:PhoneApplicationPage

x:Class="sdkLocationWP8CS.categorynews"

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

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

xmlns:phone="clr-namespace:Microsoft.Phone.Controls;assembly=Microsoft.Phone"

xmlns:shell="clr-namespace:Microsoft.Phone.Shell;assembly=Microsoft.Phone"

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

xmlns:telerikPrimitives="clr-namespace:Telerik.Windows.Controls;assembly=Telerik.Windows.Controls.Primitives"

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

FontFamily="{StaticResource PhoneFontFamilyNormal}"

FontSize="{StaticResource PhoneFontSizeNormal}"

Foreground="{StaticResource PhoneForegroundBrush}"

SupportedOrientations="Portrait" Orientation="Portrait"

mc:Ignorable="d"

shell:SystemTray.IsVisible="True">

<!--LayoutRoot is the root grid where all page content is placed-->

<Grid x:Name="LayoutRoot" Background="Transparent">

<Grid.RowDefinitions>

<RowDefinition Height="Auto"/>

<RowDefinition Height="\*"/>

</Grid.RowDefinitions>

<!--TitlePanel contains the name of the application and page title-->

<!--ContentPanel - place additional content here-->

<!--</ScrollViewer>-->

<!--<ScrollViewer HorizontalAlignment="Left" Margin="0,0,-4,0" VerticalAlignment="Top" Width="460">-->

<ListBox x:Name="deflis" Height="Auto" ScrollViewer.VerticalScrollBarVisibility="Visible" Margin="0,10" Grid.RowSpan="2">

</ListBox>

<telerikPrimitives:RadBusyIndicator x:Name="busy" Width="441" Margin="20,192,19,431" Grid.RowSpan="2" Content="Retrieving the news..." FontSize="20"/>

</Grid>

</phone:PhoneApplicationPage>

**MAINPAGE.XAML:**

<phone:PhoneApplicationPage

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

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

xmlns:phone="clr-namespace:Microsoft.Phone.Controls;assembly=Microsoft.Phone"

xmlns:shell="clr-namespace:Microsoft.Phone.Shell;assembly=Microsoft.Phone"

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

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

xmlns:telerikPrimitives="clr-namespace:Telerik.Windows.Controls;assembly=Telerik.Windows.Controls.Primitives"

x:Class="sdkLocationWP8CS.MainPage"

mc:Ignorable="d"

FontFamily="{StaticResource PhoneFontFamilyNormal}"

FontSize="{StaticResource PhoneFontSizeNormal}"

Foreground="{StaticResource PhoneForegroundBrush}"

SupportedOrientations="Portrait" Orientation="Portrait"

shell:SystemTray.IsVisible="True">

<!--LayoutRoot is the root grid where all page content is placed-->

<phone:PhoneApplicationPage.ApplicationBar>

<shell:ApplicationBar IsVisible="True" Mode="Minimized">

<shell:ApplicationBarIconButton x:Name="mail" Text="news" IconUri="/Assets/Map and Location.png" Click="mail\_Click" />

<shell:ApplicationBarIconButton x:Name="manual" Text="manual" IconUri="/Assets/Find.png" Click="manual\_Click" />

<shell:ApplicationBarIconButton x:Name="category" Text="category" IconUri="/Assets/List View.png" Click="category\_Click" />

<shell:ApplicationBarIconButton x:Name="onmap" Text="locate" IconUri="/Assets/Maps.png" Click="onmap\_Click" />

<shell:ApplicationBar.MenuItems>

<shell:ApplicationBarMenuItem x:Name="search" Text="search nearby places" Click="search\_Click"/>

</shell:ApplicationBar.MenuItems>

</shell:ApplicationBar>

</phone:PhoneApplicationPage.ApplicationBar>

<Grid x:Name="LayoutRoot" Background="Transparent">

<Grid.RowDefinitions>

<RowDefinition Height="Auto"/>

<RowDefinition Height="\*"/>

</Grid.RowDefinitions>

<!-- LOCALIZATION NOTE:

To localize the displayed strings copy their values to appropriately named

keys in the app's neutral language resource file (AppResources.resx) then

replace the hard-coded text value between the attributes' quotation marks

with the binding clause whose path points to that string name.

For example:

Text="{Binding Path=LocalizedResources.ApplicationTitle, Source={StaticResource LocalizedStrings}}"

This binding points to the template's string resource named "ApplicationTitle".

Adding supported languages in the Project Properties tab will create a

new resx file per language that can carry the translated values of your

UI strings. The binding in these examples will cause the value of the

attributes to be drawn from the .resx file that matches the

CurrentUICulture of the app at run time.

-->

<!--Uncomment to see an alignment grid to help ensure your controls are

aligned on common boundaries. The image has a top margin of -32px to

account for the System Tray. Set this to 0 (or remove the margin altogether)

if the System Tray is hidden.

Before shipping remove this XAML and the image itself.-->

<!--<Image Source="/Assets/AlignmentGrid.png" VerticalAlignment="Top" Height="800" Width="480" Margin="0,-32,0,0" Grid.Row="0" Grid.RowSpan="2" IsHitTestVisible="False" />-->

<!--TitlePanel contains the name of the application and page title-->

<StackPanel x:Name="TitlePanel" Grid.Row="0" Margin="12,17,0,28">

<TextBlock Text="The Local Headliner" Style="{StaticResource PhoneTextNormalStyle}" Margin="12,0"/>

<TextBlock Margin="9,-7,0,0" Style="{StaticResource PhoneTextTitle1Style}" Text="Location:"/>

</StackPanel>

<!--ContentPanel - place additional content here-->

<Grid x:Name="ContentPanel" Grid.Row="1" Margin="12,0,12,0">

<StackPanel Margin="0,0,0,281">

<Button x:Name="OneShotLocationButton" Click="OneShotLocation\_Click" Content="Get the location"/>

<Button x:Name="TrackLocationButton" Click="TrackLocation\_Click" Content="track location" Visibility="Collapsed"/>

<StackPanel x:Name="lati" Orientation="Horizontal" Height="73" Visibility="Collapsed">

<TextBlock FontSize="25">

<Run Text="latitude:"/>

</TextBlock>

<TextBlock x:Name="LatitudeTextBlock" Width="366" FontSize="25"/>

</StackPanel>

<StackPanel x:Name="longi" Orientation="Horizontal" Height="67" Visibility="Collapsed">

<TextBlock FontSize="25">

<Run Text="longitude:"/>

</TextBlock>

<TextBlock x:Name="LongitudeTextBlock" Width="345" FontSize="25"/>

</StackPanel>

<StackPanel x:Name="status" Orientation="Horizontal" Height="90" Visibility="Collapsed">

<TextBlock FontSize="25" TextWrapping="Wrap">

<Run Text="status:"/>

</TextBlock>

<TextBlock x:Name="StatusTextBlock" Width="385" FontSize="25"/>

</StackPanel>

<telerikPrimitives:RadBusyIndicator x:Name="busy" Height="84" VerticalAlignment="Top" Width="100" Margin="178,0" AnimationStyle="AnimationStyle5"/>

</StackPanel>

<ScrollViewer HorizontalAlignment="Left" Height="234" Margin="0,363,0,0" VerticalAlignment="Top" Width="456">

<TextBlock x:Name="addr" TextWrapping="Wrap" FontSize="25"/>

</ScrollViewer>

</Grid>

</Grid>

</phone:PhoneApplicationPage>

**MANUALLOCATE.XAML:**

<phone:PhoneApplicationPage

x:Class="sdkLocationWP8CS.manuallocate"

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

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

xmlns:phone="clr-namespace:Microsoft.Phone.Controls;assembly=Microsoft.Phone"

xmlns:shell="clr-namespace:Microsoft.Phone.Shell;assembly=Microsoft.Phone"

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

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

FontFamily="{StaticResource PhoneFontFamilyNormal}"

FontSize="{StaticResource PhoneFontSizeNormal}"

Foreground="{StaticResource PhoneForegroundBrush}"

SupportedOrientations="Portrait" Orientation="Portrait"

mc:Ignorable="d"

shell:SystemTray.IsVisible="True">

<!--LayoutRoot is the root grid where all page content is placed-->

<phone:PhoneApplicationPage.ApplicationBar>

<shell:ApplicationBar IsVisible="True" Mode="Minimized">

<shell:ApplicationBarIconButton x:Name="mail" Text="news" IconUri="/Assets/Map and Location.png" Click="mail\_Click" />

</shell:ApplicationBar>

</phone:PhoneApplicationPage.ApplicationBar>

<Grid x:Name="LayoutRoot" Background="Transparent">

<Grid.RowDefinitions>

<RowDefinition Height="Auto"/>

<RowDefinition Height="\*"/>

</Grid.RowDefinitions>

<!--TitlePanel contains the name of the application and page title-->

<StackPanel Grid.Row="0" Margin="12,17,0,28">

<TextBlock Text="The Local Headliner" Style="{StaticResource PhoneTextNormalStyle}"/>

</StackPanel>

<!--ContentPanel - place additional content here-->

<Grid x:Name="ContentPanel" Grid.Row="1" Margin="12,0">

<TextBlock x:Name="lati" HorizontalAlignment="Left" Margin="30,35,0,0" TextWrapping="Wrap" Text="Latitude:" VerticalAlignment="Top" Height="43" Width="118" FontSize="25"/>

<TextBox x:Name="latitude" HorizontalAlignment="Left" Height="72" Margin="153,16,0,0" TextWrapping="Wrap" VerticalAlignment="Top" Width="194"/>

<TextBlock HorizontalAlignment="Left" Margin="30,114,0,0" TextWrapping="Wrap" Text="Longitude:" VerticalAlignment="Top" Height="42" Width="118" FontSize="25"/>

<TextBox x:Name="longitude" HorizontalAlignment="Left" Height="72" TextWrapping="Wrap" VerticalAlignment="Top" Width="194" Margin="153,95,0,0"/>

<Button x:Name="locationhit" Margin="30,197,42,350" Content="Find The Location" Click="locationhit\_Click"></Button>

<TextBlock x:Name="addr" HorizontalAlignment="Left" Margin="42,306,0,0" TextWrapping="Wrap" VerticalAlignment="Top" Height="206" Width="372" FontSize="25" RenderTransformOrigin="0.5,0.5"/>

</Grid>

</Grid>

</phone:PhoneApplicationPage>

**MAP.XAML:**

<phone:PhoneApplicationPage

x:Class="sdkLocationWP8CS.map"

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

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

xmlns:phone="clr-namespace:Microsoft.Phone.Controls;assembly=Microsoft.Phone"

xmlns:shell="clr-namespace:Microsoft.Phone.Shell;assembly=Microsoft.Phone"

xmlns:maps="clr-namespace:Microsoft.Phone.Maps.Controls;assembly=Microsoft.Phone.Maps"

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

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

FontFamily="{StaticResource PhoneFontFamilyNormal}"

FontSize="{StaticResource PhoneFontSizeNormal}"

Foreground="{StaticResource PhoneForegroundBrush}"

SupportedOrientations="Portrait" Orientation="Portrait"

mc:Ignorable="d"

shell:SystemTray.IsVisible="True">

<!--LayoutRoot is the root grid where all page content is placed-->

<phone:PhoneApplicationPage.Resources>

<DataTemplate x:Key="RouteListTemplate">

<TextBlock Text="{Binding}" FontSize="{StaticResource PhoneFontSizeMedium}" TextWrapping="Wrap" Margin="5,5,0,0"/>

</DataTemplate>

</phone:PhoneApplicationPage.Resources>

<!--LayoutRoot is the root grid where all page content is placed-->

<Grid x:Name="LayoutRoot" Background="Transparent">

<Grid.RowDefinitions>

<RowDefinition Height="Auto"/>

<RowDefinition Height="2\*"/>

<RowDefinition Height="0" x:Name="DirectionsTitleRowDefinition"/>

<RowDefinition Height="0" x:Name="DirectionsRowDefinition"/>

</Grid.RowDefinitions>

<!--TitlePanel contains the name of the application and page title-->

<StackPanel x:Name="TitlePanel" Grid.Row="0" Margin="12,17,0,12">

<TextBlock Text="{Binding Path=LocalizedResources.ApplicationTitle, Source={StaticResource LocalizedStrings}}" Style="{StaticResource PhoneTextNormalStyle}"/>

</StackPanel>

<!--ContentPanel - place additional content here-->

<Grid x:Name="ContentPanel" Grid.Row="1">

<maps:Map x:Name="MyMap" ZoomLevelChanged="ZoomLevelChanged" Loaded="MyMap\_Loaded" />

<TextBox x:Name="SearchTextBox" Visibility="Collapsed" InputScope="Maps" LostFocus="SearchTextBox\_LostFocus" KeyDown="SearchTextBox\_KeyDown" HorizontalAlignment="Left" Height="72" Margin="12,0,12,10" TextWrapping="Wrap" VerticalAlignment="Top" Width="456"/>

</Grid>

<!--Directions from current location to destination are shown in this panel.-->

<StackPanel x:Name="RouteDirections" Grid.Row="2" Margin="3,0,0,0">

<TextBlock x:Name="DestinationText" Style="{StaticResource PhoneTextTitle3Style}" FontSize="{StaticResource PhoneFontSizeMediumLarge}" FontWeight="SemiBold"/>

<TextBlock x:Name="DestinationDetailsText" Style="{StaticResource PhoneTextNormalStyle}"/>

</StackPanel>

<Button x:Name="DriveButton" Content="Drive" IsEnabled="False" Grid.Row="2" HorizontalAlignment="Right" VerticalAlignment="Top" Margin="0,0,100,0" Click="TravelModeButton\_Click"/>

<Button x:Name="WalkButton" Content="Walk" Grid.Row="2" HorizontalAlignment="Right" VerticalAlignment="Top" Margin="0,0,10,0" Click="TravelModeButton\_Click"/>

<phone:LongListSelector x:Name="RouteLLS" Grid.Row="3" Margin="10,0,10,0" Background="Transparent" ItemTemplate="{StaticResource RouteListTemplate}" LayoutMode="List"

IsGroupingEnabled="False" SelectionChanged="RouteManeuverSelected"/>

<!--Panel of buttons to control map cartography mode-->

<StackPanel Grid.RowSpan="4" x:Name="ModePanel" Orientation="Vertical" VerticalAlignment="Bottom" HorizontalAlignment="Left" Height="281" Margin="0,0,0,12">

<Button x:Name="RoadButton" Content="Road" IsEnabled="False" Click="CartographicModeButton\_Click"/>

<Button x:Name="AerialButton" Content="Aerial" Click="CartographicModeButton\_Click"/>

<Button x:Name="HybridButton" Content="Hybrid" Click="CartographicModeButton\_Click"/>

<Button x:Name="TerrainButton" Content="Terrain" Click="CartographicModeButton\_Click"/>

</StackPanel>

<!--Sliders to control map pitch and heading.-->

<Slider x:Name="PitchSlider" Grid.RowSpan="4" Orientation="Vertical" HorizontalAlignment="Right" VerticalAlignment="Bottom" Height="211" Width="45" Margin="0,0,12,82" Minimum="0" Maximum="70" Value="0" ValueChanged="PitchValueChanged"/>

<Slider x:Name="HeadingSlider" Grid.RowSpan="4" VerticalAlignment="Bottom" HorizontalAlignment="Center" Height="80" Width="250" Margin="0,0,0,-20" Maximum="540" Minimum="180" Value="360" ValueChanged="HeadingValueChanged"/>

<!--Location panel is shown at application startup

asking for permission to location data.-->

<Grid x:Name="LocationPanel" Margin="0,0,0,0" Grid.RowSpan="2" Background="#333333">

<StackPanel Grid.Row="1" Margin="12,12,12,0">

<TextBlock Margin="12,0,12,0" Text="{Binding Path=LocalizedResources.LocationUsageQueryText, Source={StaticResource LocalizedStrings}}" Style="{StaticResource PhoneTextTitle2Style}" TextWrapping="Wrap"/>

<TextBlock Margin="12,10,12,0" Text="{Binding Path=LocalizedResources.LocationUsageInfoText, Source={StaticResource LocalizedStrings}}" Style="{StaticResource PhoneTextNormalStyle}" TextWrapping="Wrap"/>

</StackPanel>

<StackPanel Orientation="Horizontal" HorizontalAlignment="Center" VerticalAlignment="Bottom">

<Button x:Name="AllowButton" Content="{Binding Path=LocalizedResources.LocationAllowButtonText, Source={StaticResource LocalizedStrings}}" HorizontalAlignment="Left" Width="200" Click="LocationUsage\_Click"/>

<Button x:Name ="CancelButton" Content="{Binding Path=LocalizedResources.LocationCancelButtonText, Source={StaticResource LocalizedStrings}}" HorizontalAlignment="Right" Width="200" Click="LocationUsage\_Click"/>

</StackPanel>

</Grid>

<!--Uncomment to see an alignment grid to help ensure your controls are

aligned on common boundaries. Remove or comment out before shipping

your application.-->

<!--<Image Margin="0" Source="/Assets/AlignmentGrid.png" Stretch="None" IsHitTestVisible="False" />-->

</Grid>

</phone:PhoneApplicationPage>

**NEARBY.XAML:**

<phone:PhoneApplicationPage

x:Class="sdkLocationWP8CS.nearby"

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

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

xmlns:phone="clr-namespace:Microsoft.Phone.Controls;assembly=Microsoft.Phone"

xmlns:shell="clr-namespace:Microsoft.Phone.Shell;assembly=Microsoft.Phone"

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

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

FontFamily="{StaticResource PhoneFontFamilyNormal}"

FontSize="{StaticResource PhoneFontSizeNormal}"

Foreground="{StaticResource PhoneForegroundBrush}"

SupportedOrientations="Portrait" Orientation="Portrait"

mc:Ignorable="d"

shell:SystemTray.IsVisible="True">

<!--LayoutRoot is the root grid where all page content is placed-->

<Grid x:Name="LayoutRoot" Background="Transparent">

<Grid.RowDefinitions>

<RowDefinition Height="Auto"/>

<RowDefinition Height="\*"/>

</Grid.RowDefinitions>

<!--TitlePanel contains the name of the application and page title-->

<StackPanel Grid.Row="0" Margin="12,17,0,28">

<TextBlock Text="The Local Headliner" Style="{StaticResource PhoneTextNormalStyle}"/>

</StackPanel>

<!--ContentPanel - place additional content here-->

<Grid x:Name="ContentPanel" Grid.Row="1" Margin="12,0,12,0">

</Grid>

</Grid>

</phone:PhoneApplicationPage>

**NEWS.XAML:**

<phone:PhoneApplicationPage

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

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

xmlns:phone="clr-namespace:Microsoft.Phone.Controls;assembly=Microsoft.Phone"

xmlns:shell="clr-namespace:Microsoft.Phone.Shell;assembly=Microsoft.Phone"

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

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

xmlns:telerikPrimitives="clr-namespace:Telerik.Windows.Controls;assembly=Telerik.Windows.Controls.Primitives"

x:Class="sdkLocationWP8CS.news"

FontFamily="{StaticResource PhoneFontFamilyNormal}"

FontSize="{StaticResource PhoneFontSizeNormal}"

Foreground="{StaticResource PhoneForegroundBrush}"

SupportedOrientations="Portrait" Orientation="Portrait"

mc:Ignorable="d"

shell:SystemTray.IsVisible="True">

<!--LayoutRoot is the root grid where all page content is placed-->

<phone:PhoneApplicationPage.ApplicationBar>

<shell:ApplicationBar IsVisible="True" Mode="Minimized">

<shell:ApplicationBarIconButton x:Name="speak" Text="read news" IconUri="/Assets/Speaker Volume.png" Click="speak\_Click" />

<shell:ApplicationBarIconButton x:Name="sharelink" Text="share link" IconUri="/Assets/Share.png" Click="sharelink\_Click" />

<shell:ApplicationBarIconButton x:Name="sharestatus" Text="share news" IconUri="/Assets/Bluetooth.png" Click="sharestatus\_Click" />

</shell:ApplicationBar>

</phone:PhoneApplicationPage.ApplicationBar>

<Grid x:Name="LayoutRoot" Background="Transparent">

<Grid.RowDefinitions>

<RowDefinition Height="Auto"/>

<RowDefinition Height="\*"/>

</Grid.RowDefinitions>

<!--TitlePanel contains the name of the application and page title-->

<!--ContentPanel - place additional content here-->

<!--</ScrollViewer>-->

<!--<ScrollViewer HorizontalAlignment="Left" Margin="0,0,-4,0" VerticalAlignment="Top" Width="460">-->

<ListBox x:Name="deflis" Height="Auto" ScrollViewer.VerticalScrollBarVisibility="Visible" Margin="0,10" Grid.RowSpan="2">

</ListBox>

<telerikPrimitives:RadBusyIndicator x:Name="busy" Width="441" Margin="20,192,19,431" Grid.RowSpan="2" Content="Retrieving the news..." FontSize="20"/>

</Grid>

</phone:PhoneApplicationPage>