Contents

[SharePoint 2013: Customize the user interface of a SharePoint 2013 list app for Windows Phone 2](#_Toc329687980)

[Description of the sample 2](#_Toc329687981)

[Prerequisites 2](#_Toc329687982)

[Key components of the sample 3](#_Toc329687983)

[Configure the sample 3](#_Toc329687984)

[Run and test the sample 3](#_Toc329687985)

[Troubleshooting 3](#_Toc329687986)

[Change log 4](#_Toc329687987)

[Related content 4](#_Toc329687988)

# SharePoint 2013: Customize the user interface of a SharePoint 2013 list app for Windows Phone

This documentation is preliminary and is subject to change.

Summary:  Customize the Windows Phone user interface that is generated by the Windows Phone SharePoint List Application template.

Apps for SharePoint that are created from the Windows Phone SharePoint List Application template are based on the Silverlight for Windows Phone framework. All of the capabilities provided by the Silverlight platform on a Windows Phone are available to developers for customizing the user interface (UI) of an app for SharePoint that is designed for a Windows Phone.

## Description of the sample

The sample code assumes that your installation of SharePoint Server has a Product Orders list created from the Custom List template. You can create this list by using the Windows PowerShell command script CreateModifiedProductOrdersList. For the sample Windows Phone app used in this topic, the Product Orders list on which the app is based has been modified to include additional fields. The modified list contains the columns and field types shown in Table 1.

Table 1. Modified Product Orders list

| Column | Type | Required |
| --- | --- | --- |
| Product (i.e., Title) | Single line of text (Text) | Yes |
| Description | Single line of text (Text) | No |
| Product Category | Choice | No |
| Quantity | Number | Yes |
| Order Date | Date and Time (DateTime) | No |
| Fulfillment Date | Date and Time (DateTime) | No |
| Rush | Boolean | No |
| Contact Number | Single line of text (Text) | No |

## Prerequisites

This sample requires the following:

* Visual Studio 2010 Express with the new SharePoint templates
* An installation of SharePoint 2013 Preview with administrative privileges
* Product Orders list created by running the Windows PowerShell script on the server

## Key components of the sample

The sample contains the following:

* App.xaml.cs   This file is autogenerated by the Windows Phone SharePoint List Application template. The App.xaml file represents the overall Windows Phone app. The associated code-behind file, App.xaml.cs, includes procedural code to handle life-cycle events for the app. App.xaml.cs contains references to SharePoint Server and the list title.
* CreateModifiedProductOrdersList.ps1   Run this Windows PowerShell script from the SharePoint Management Shell to create the SharePoint list on which this project is based.

## Configure the sample

Follow these steps to configure the sample.

1. Update the value of TargetSiteUrl in the App.xaml.cs file of the SPListAppUICustomization solution with the URL of the home page of your SharePoint website.
2. If you use the Windows PowerShell script to create the Product Orders list, you have to manually add the following choices for the column "Product Category".

* Recreation
* Sartorial
* Travel

## Run and test the sample

1. Choose the F5 key to build and deploy the app.

## Troubleshooting

The following table lists common configuration and environment errors that prevent the sample from running or deploying properly and how to solve them.

| Problem | Solution |
| --- | --- |
| While running the SharePoint List wizard from Visual Studio 2010 Express, an error may occur if developer does not have sufficient privilege on SharePoint site. | Give sufficient privilege to the user account with which developer is running the wizard. |
| Form-based authentication error. | Form-based authentication is not enabled by default. To enable basic form-based authentication for the web application, follow these steps.   * Navigate to Central Administration and ensure you have administrator rights on the server. * Under Application Management, choose Manage Web Applications. * Choose your web application (on which you have your SharePoint site, which you are accessing from your mobile app). * From the ribbon, choose Authentication Providers. * In the Authentication Provider dialog box, choose Default to edit the authentication. * In the Edit Authentication Model window under Claims Authentication Types, choose Basic Authentication. |

## Change log

| Version | Date |
| --- | --- |
| First version | July 16, 2012 |

## Related content

* **Creating a SharePoint list app for user interface customizations**
* **How to: Create a Windows Phone SharePoint 2013 list app**
* **Overview of Windows Phone SharePoint 2013 application templates in Visual Studio**
* **How to: Customize the user interface of a SharePoint 2013 list app for Windows Phone**