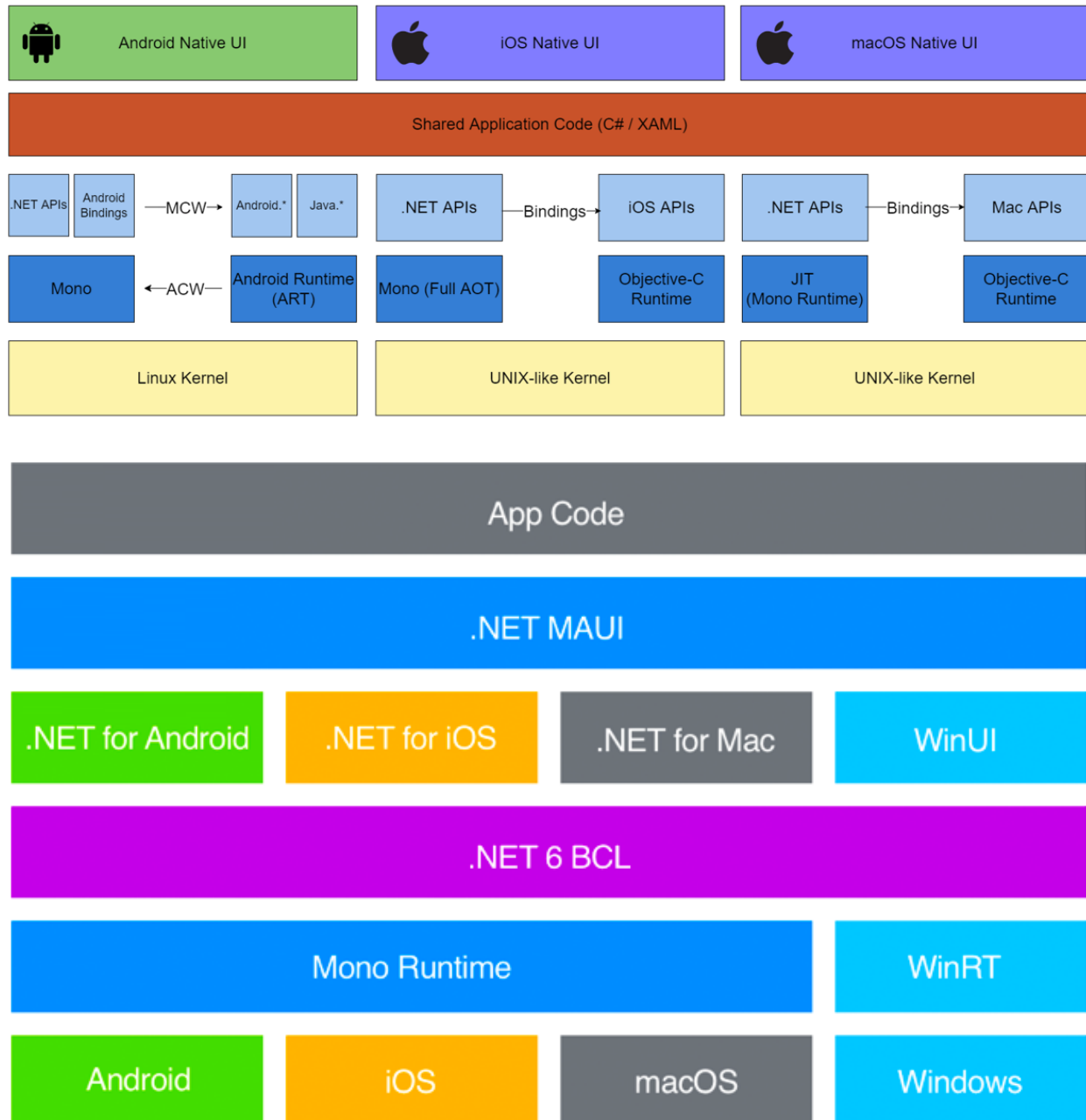
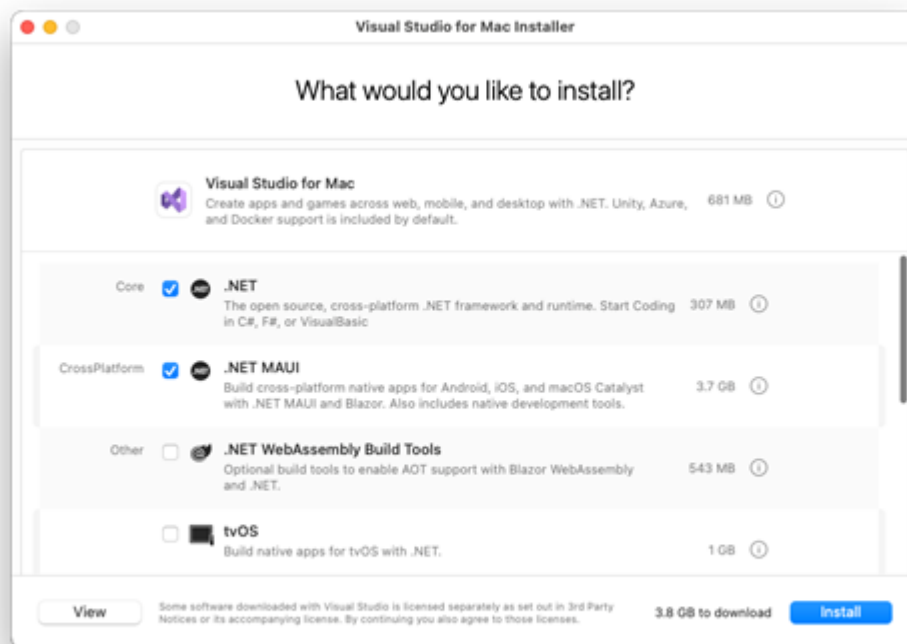
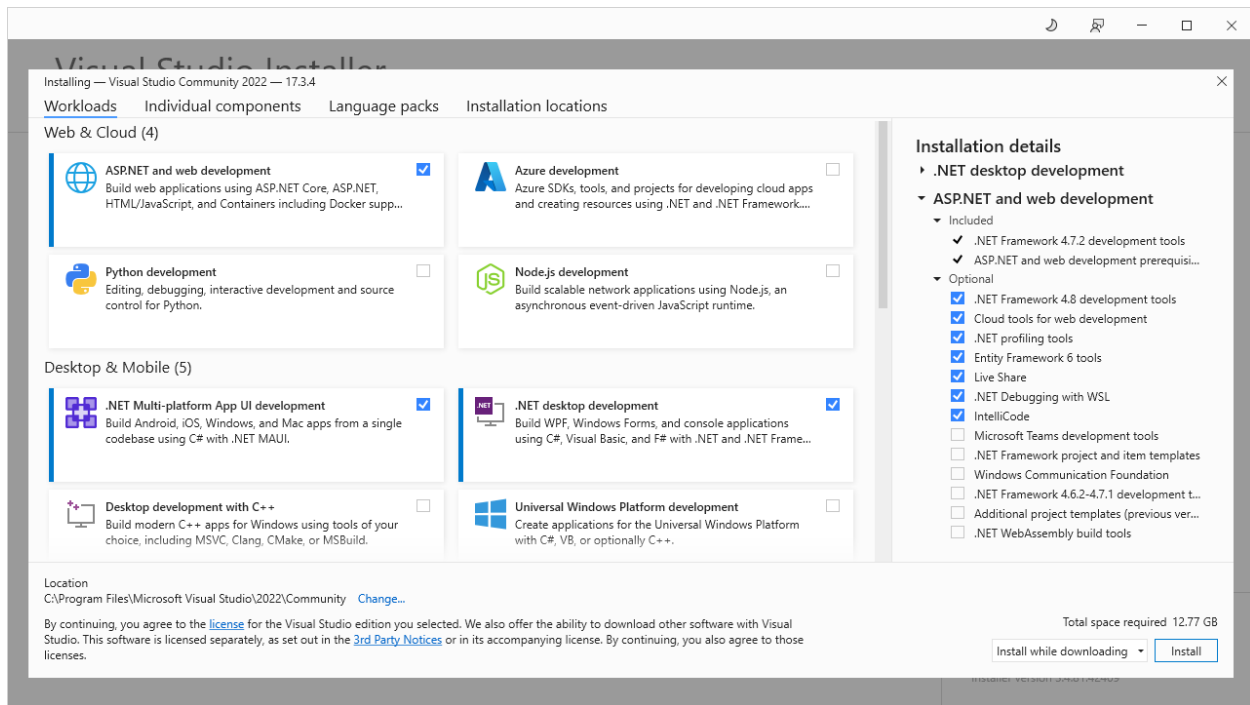


Chapter 1: Getting Started with .NET MAUI





Chapter 2: Building Our First .NET MAUI App

main ▾

Go to file

Add file ▾

<> Code ▾

 shugaoye Update passxyz-ci-macos.yml ...

2 days ago 16

	.github/workflows	Update passxyz-ci-macos.yml	2 days ago
	Chapter02	Added Chapter02	6 days ago
	Chapter03	Added Chapter03	6 days ago
	Chapter04	Added Chapter04	6 days ago
	Chapter05	Added Chapter05	6 days ago
	Chapter06	Added Chapter06	6 days ago
	Chapter07	Fixed build issue 10102 using a workaround	5 days ago
	Chapter08	Fixed build issue 10102 using a workaround	5 days ago
	Chapter09	Fixed build issue 10102 using a workaround	5 days ago
	Chapter10	Fixed build issue 10102 using a workaround	5 days ago
	Chapter11	Fixed build issue 10102 using a workaround	5 days ago
	Chapter12	Fixed build issue 10102 using a workaround	5 days ago

About

Modern Cross-Platform Application Development with .NET MAUI, published by Packt

 Readme

 MIT license

 3 stars

 1 watching

 1 fork

Releases 1

 V1.0.0 Latest

5 days ago

Packages

No packages published

[Publish your first package](#)

Create a new project

Recent project templates

.NET MAUI App

C#

Mobile App (Xamarin.Forms)

C#

Maui

Clear all

All languages

All platforms

MAUI

.NET MAUI App

A project for creating a .NET MAUI application for iOS, Android, Mac Catalyst, WinUI, and Tizen

C#

Android

iOS

Mac Catalyst

macOS

MAUI

Tizen

Windows

.NET MAUI Blazor App

A project for creating a .NET MAUI application for iOS, Android, Mac Catalyst, WinUI, and Tizen using Blazor

C#

Android

Blazor

iOS

Mac Catalyst

macOS

MAUI

Tizen

Windows

.NET MAUI Class Library

A project for creating a .NET MAUI class library

C#

Android

iOS

Mac Catalyst

macOS

MAUI

Tizen

Windows

Not finding what you're looking for?

[Install more tools and features](#)

Back

Next

Configure your new project

.NET MAUI App

C#

Android

iOS

Mac Catalyst

macOS

MAUI

Tizen

Windows

Project name

PassXYZ.Vault

Location

C:\Users\Roger_Ye\src\

...

Solution name ⓘ

PassXYZ.Vault

☐

Place solution and project in the same directory

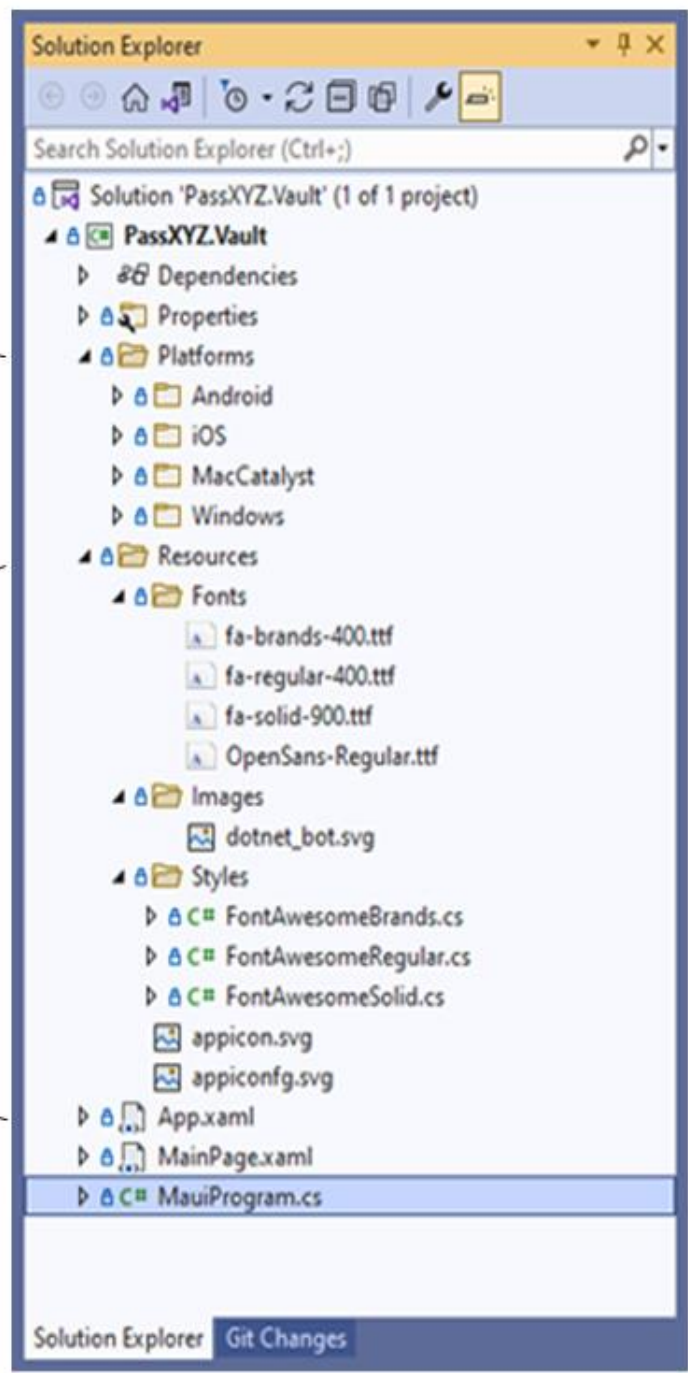
Back

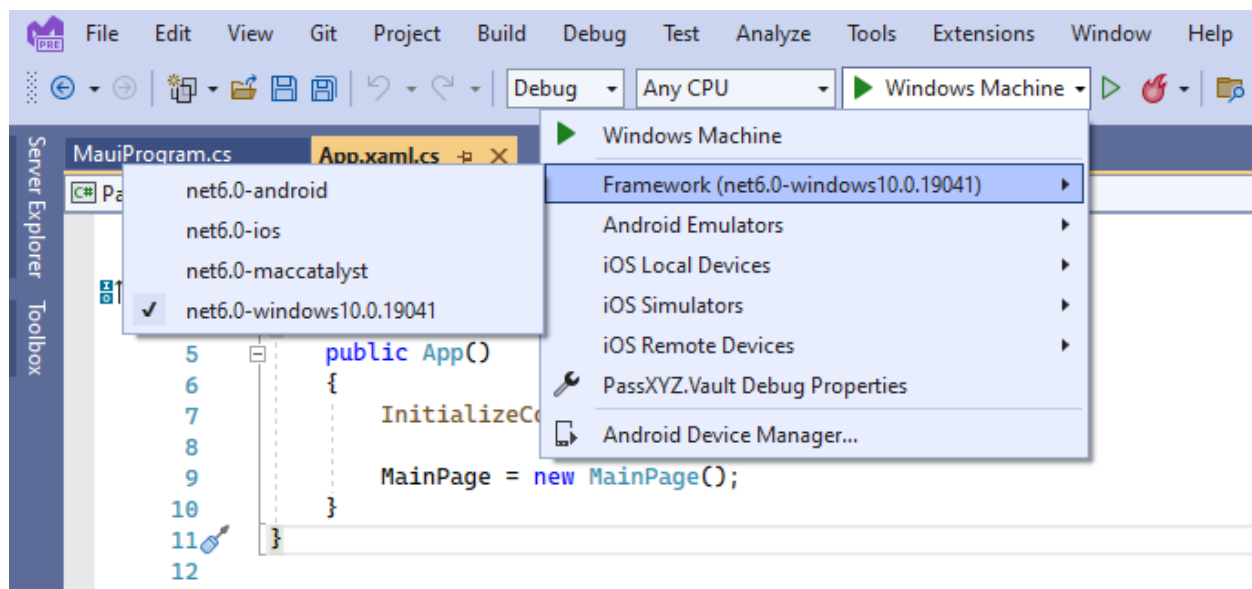
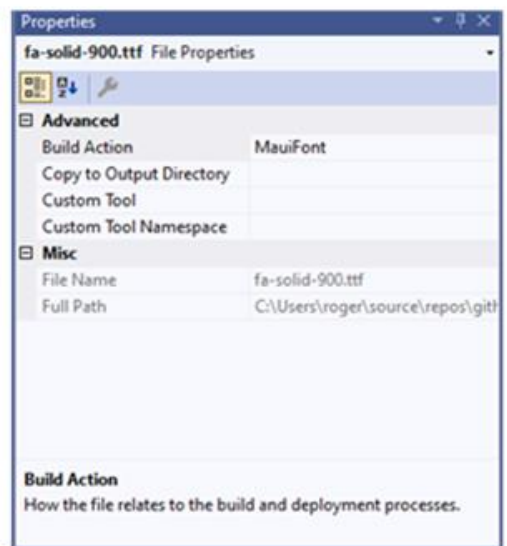
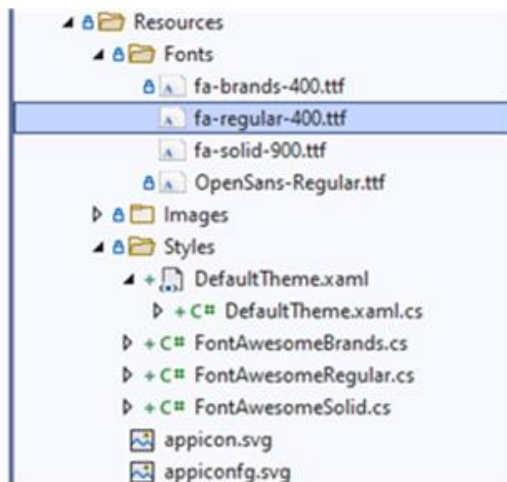
Next

Platform specific files

Resources can be used in all supported platforms

C# and XAML files





Developer Mode

Install apps from any source, including loose files.



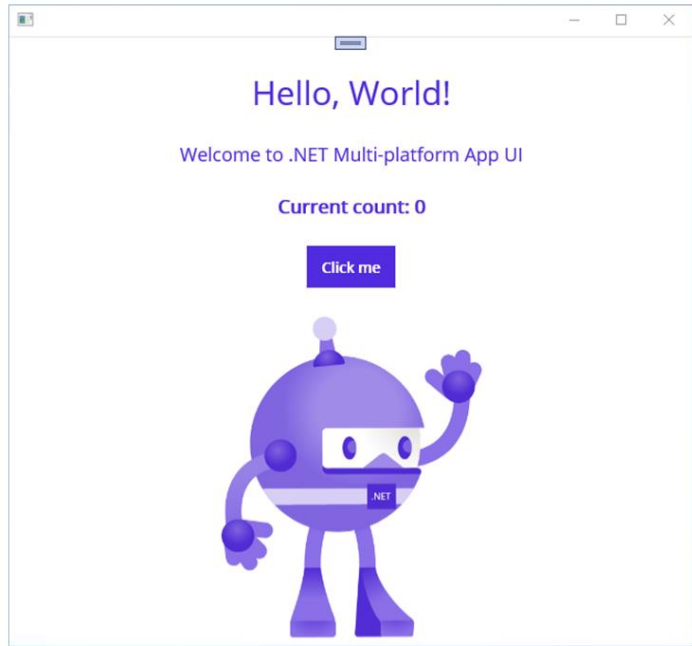
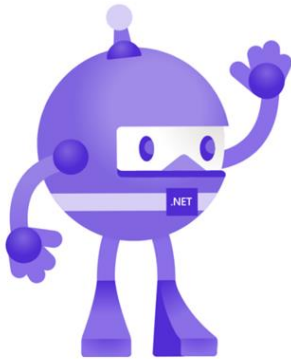
On

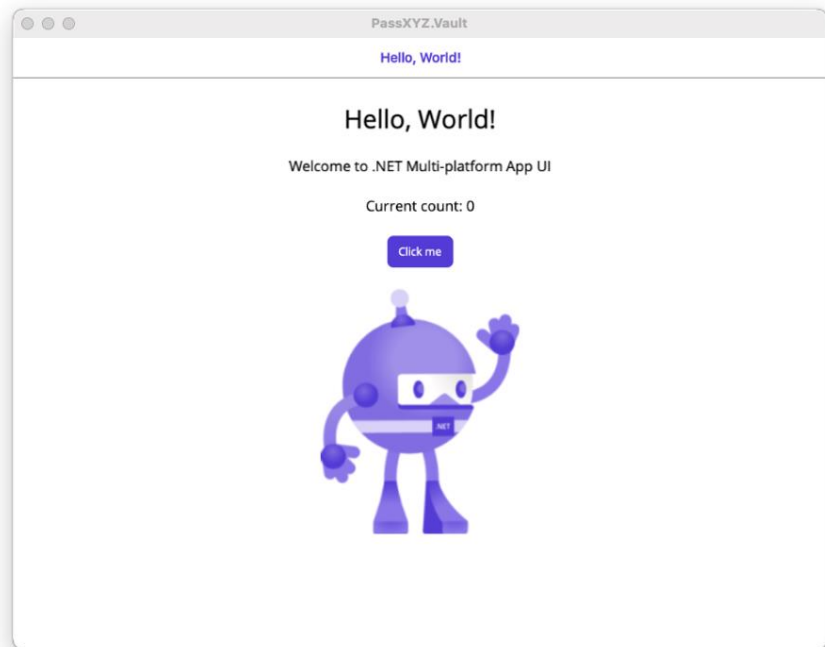
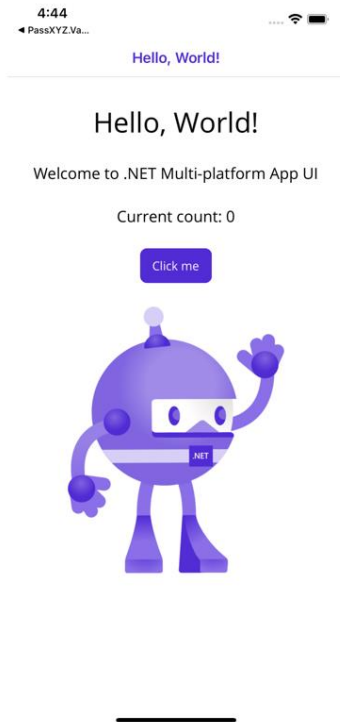
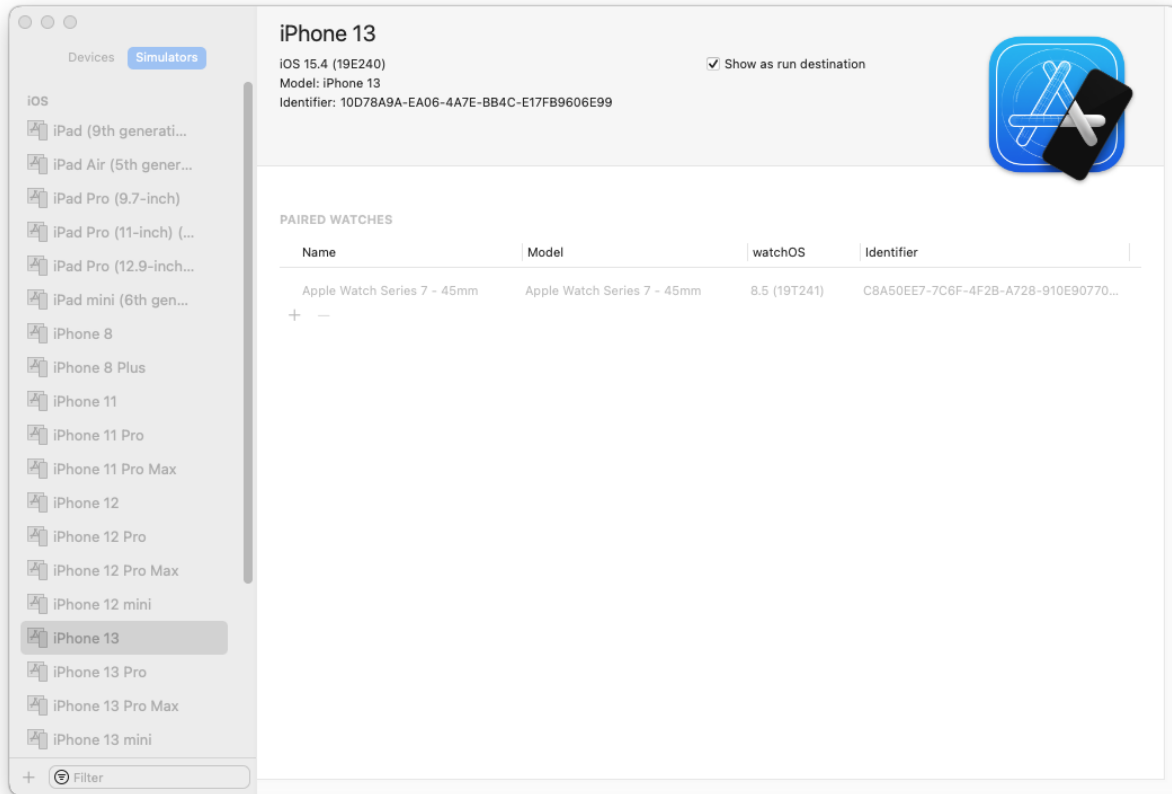
Hello, World!

Welcome to .NET Multi-platform App UI

Current count: 0

Click me





Create a new project

Recent project templates

.NET MAUI App (Preview)

C#

Razor Class Library

C#

xUnit Test Project

C#

Blazor WebAssembly App

C#

Search for templates (Alt+S)

Clear all

All languages

All platforms

Mobile

Mobile App (Xamarin.Forms)

A multiproject template for building apps for iOS and Android with Xamarin and Xamarin.Forms.

C# Android iOS Windows Mobile

Android App (Xamarin)

Project templates for creating Android phone and tablet apps with Xamarin.

C# Android Mobile

iOS App (Xamarin)

Project templates for creating iOS apps for iPhone and iPad with Xamarin.

C# iOS Mobile

Android Wear App (Xamarin)

A project for creating an Android Wear app with Xamarin.

C# Android Mobile

watchOS App (Xamarin)

A project for creating a watchOS app with Xamarin.

C# iOS Mobile

Back

Next

Configure your new project

Mobile App (Xamarin.Forms)

C#

Android

iOS

Windows

Mobile

Project name

PassXYZ.Vault

Location

C:\Users\roger\source\repos

...

Solution name ⓘ

PassXYZ.Vault

☐ Place solution and project in the same directory

Back

Create



New Mobile App

Select a template for your app

Flyout

An app with a side menu that can be collapsed on small screens.

Tabbed

An app that uses tabs to navigate between sections.

Blank

An empty app with a single, initial screen.



I plan to develop for:

- ☒ Android
- ☒ iOS
- ☒ Windows (UWP) 

Back

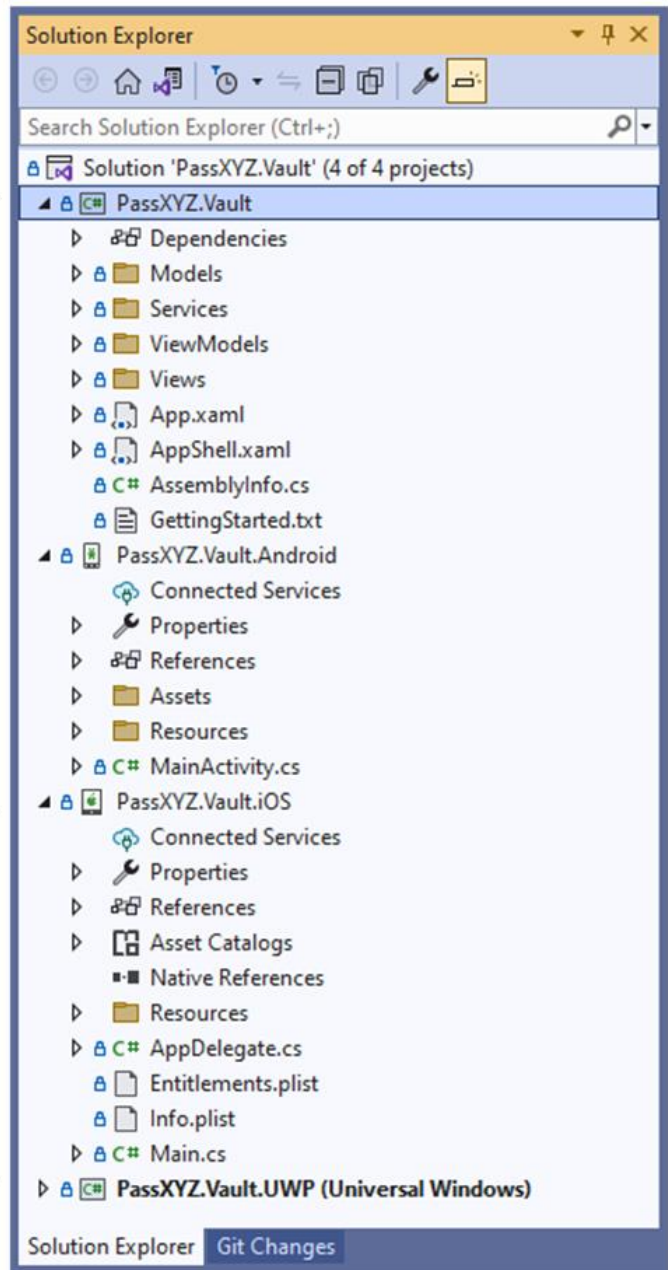
Create

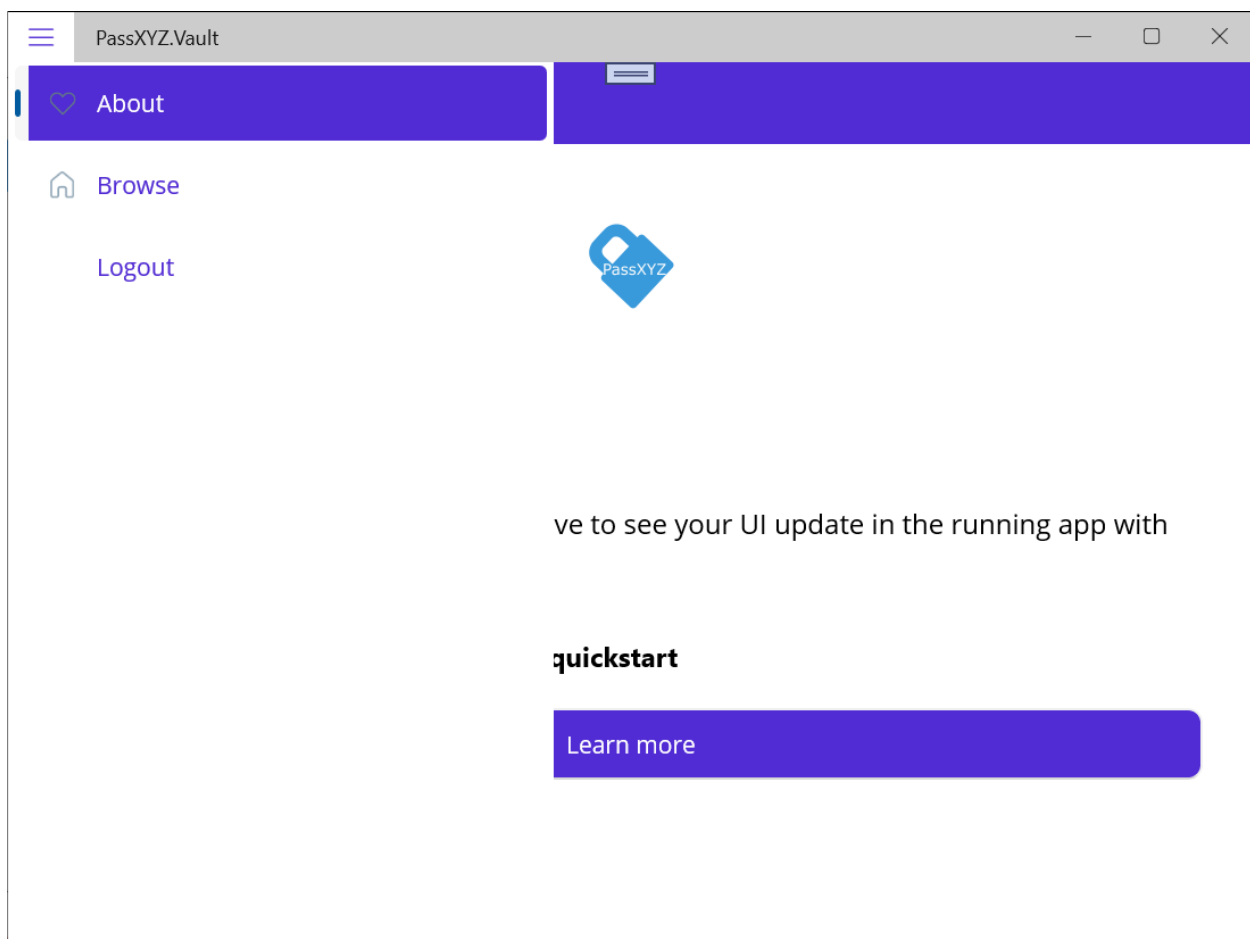
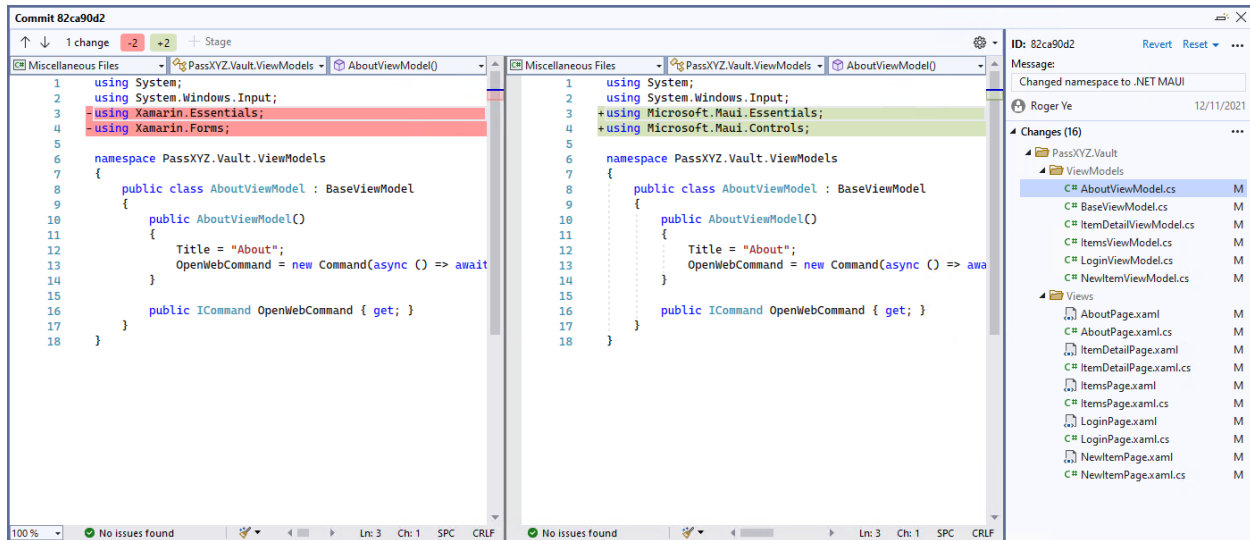
1. .NET Standard project

2. Android project

3. iOS project

4. UWP project





Visual Studio | Marketplace

Sign in

Visual Studio > Tools > .NET MAUI MVVM App Template



.NET MAUI MVVM App Template

Roger Ye | ★★★★★ (0) | Free

.NET MAUI MVVM App Template for book - Modern Cross-Platform Application Development with .NET MAUI

Download

Overview

Q & A

Rating & Review

.NET MAUI App template with MVVM and Shell

Categories

ToolsBuildCodingSetup & Deployment

Works with

Visual Studio 2022

Create a new project

Recent project templates

A list of your recently accessed templates will be displayed here.

maui

Clear all

All languagesAll platformsAll project types

 .NET MAUI MVVM App

New

.NET MAUI MVVM App template in book - Modern Cross-Platform Application Development with .NET MAUI

 .NET MAUI App

A project for creating a .NET MAUI application for iOS, Android, Mac Catalyst, WinUI and Tizen

C#AndroidiOSMac CatalystmacOSMAUITizen

Windows

 .NET MAUI Blazor App

A project for creating a .NET MAUI application for iOS, Android, Mac Catalyst, WinUI, and Tizen using Blazor

C#AndroidBlazoriOSMac CatalystmacOSMAUITizen

Windows

 .NET MAUI Class Library

A project for creating a .NET MAUI class library

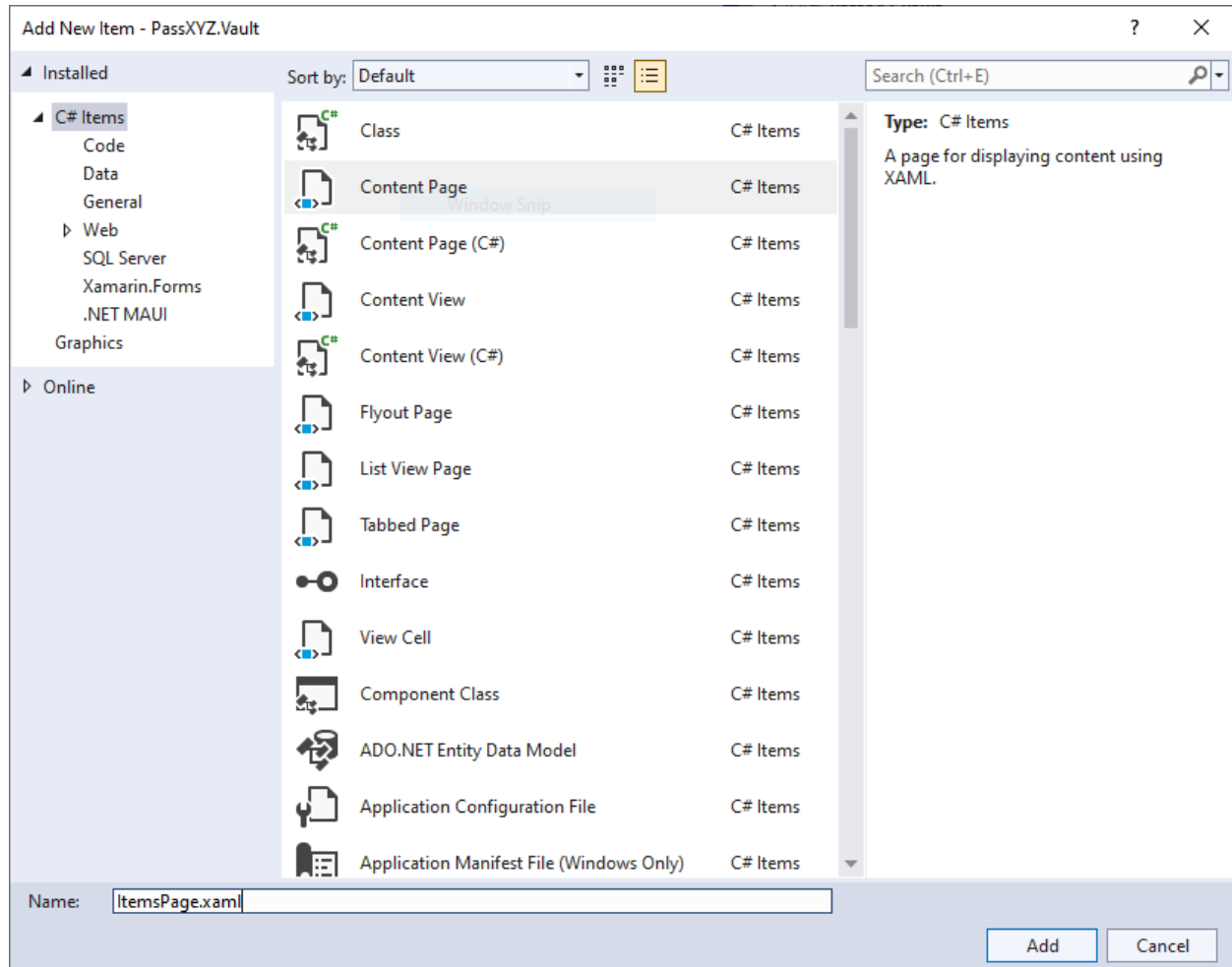
C#AndroidiOSMac CatalystmacOSMAUITizen

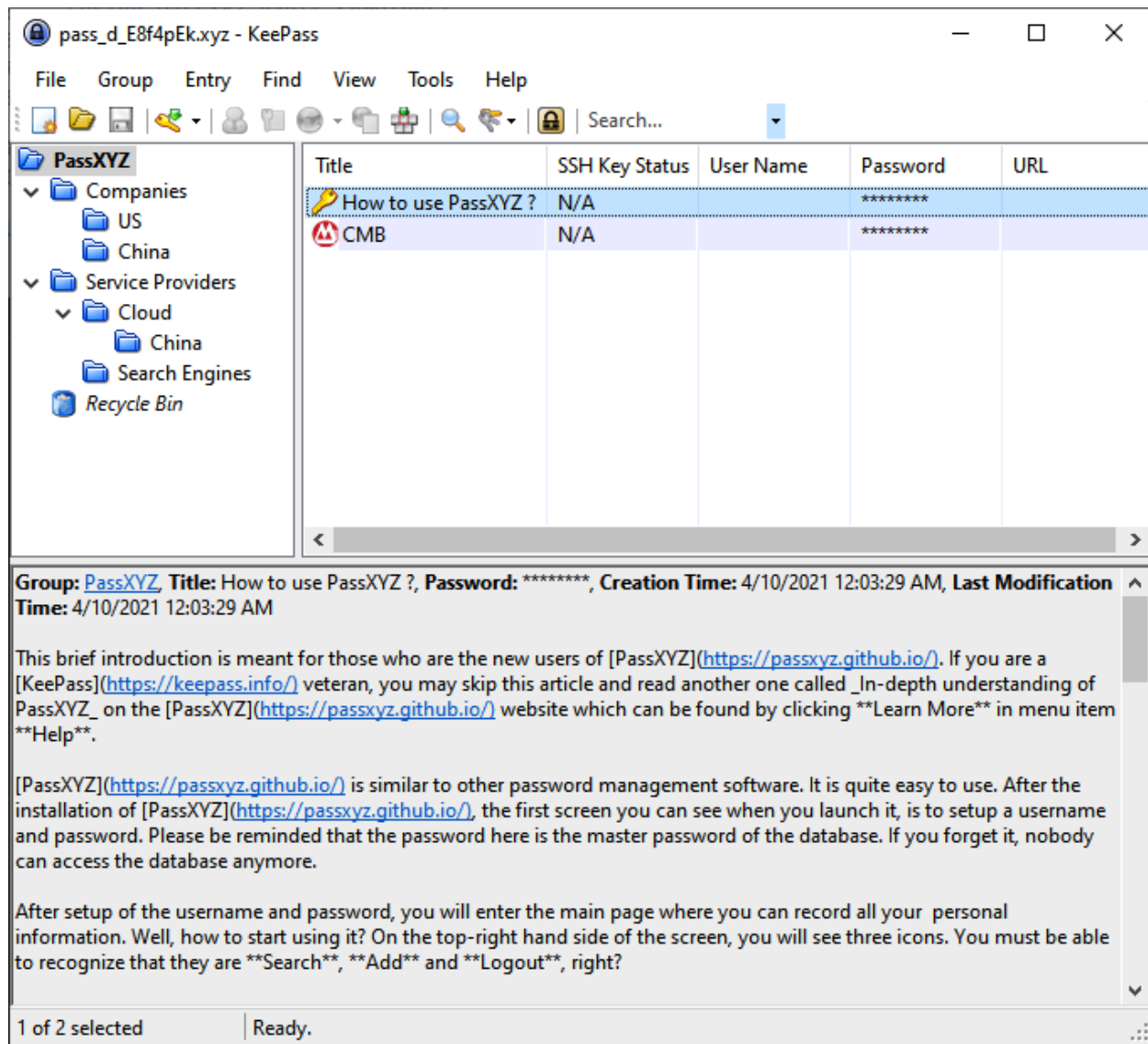
Windows

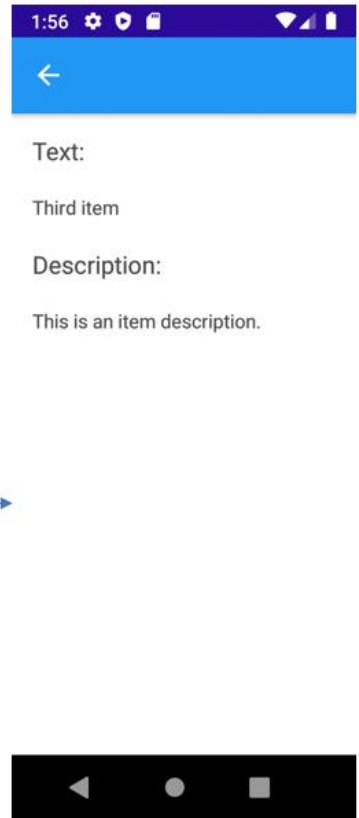
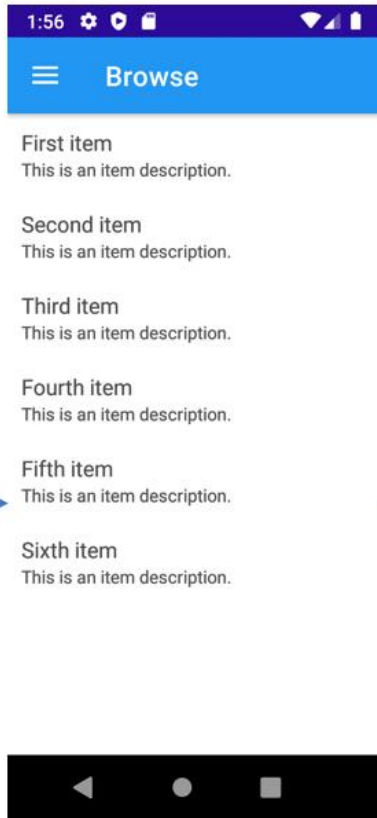
Back

Next

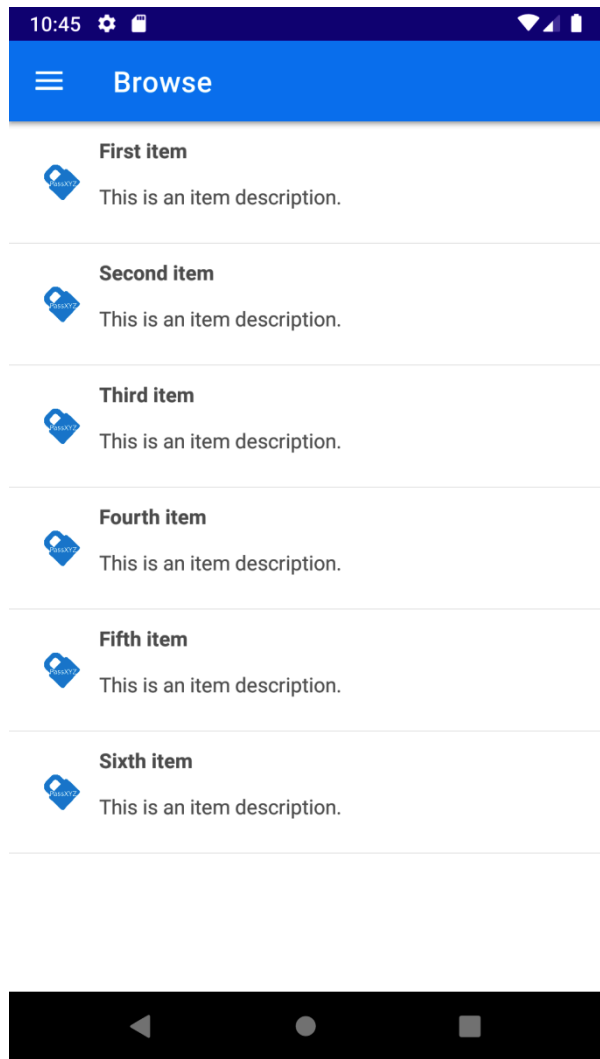
Chapter 3: User Interface Design with XAML

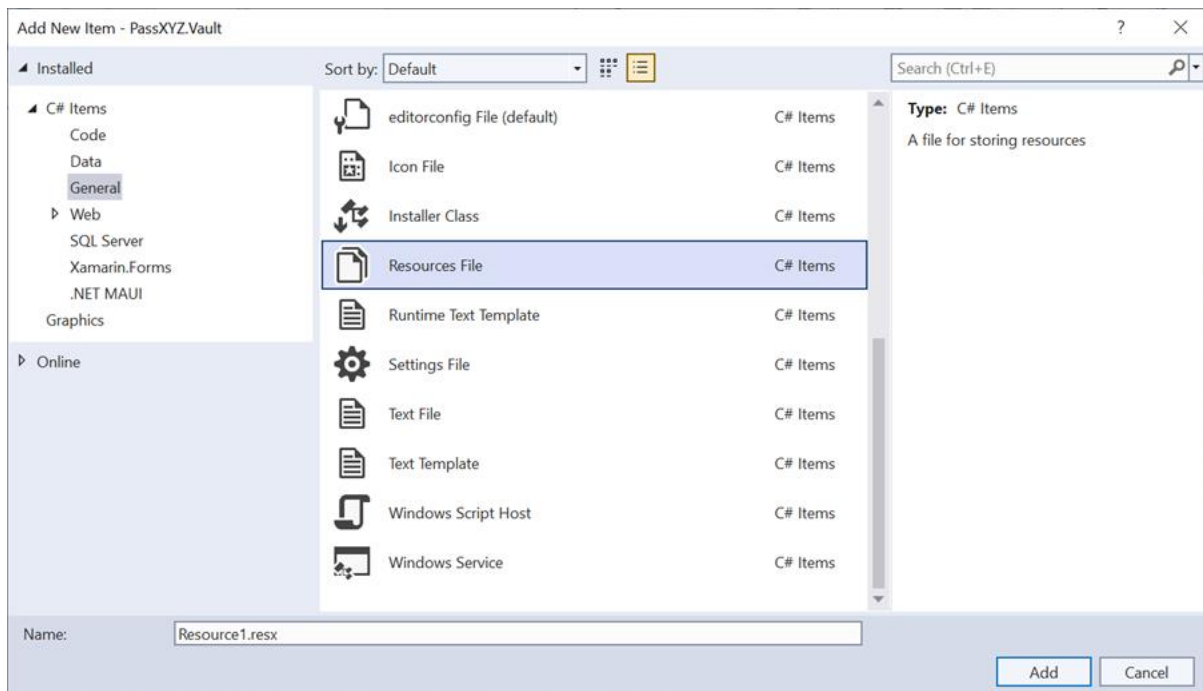






	Text
	Description





Resources.zh-Hant.resx Resources.zh-Hans.resx Resources.resx PassXYZ.Vault AboutPage.xaml			
abc Strings Add Resource Remove Resource Access Modifier: Internal			
Name	Value	Comment	
About	About	About information of PassXYZ application	
about_acknowledgement	Acknowledgement		
about_keepass	PassXYZ.Vault is built on top of KPCLib which is a library changed based on KeePassLib. KPCLib enhanced KeePassLib so that it can		
about_kplib	The information and source code of KPCLib can be found at:		



PassXYZ.Vault

Version 1.0.0.0 (Debug)

Your personal information management system

Database Name Test Database
Last Modified Date Monday, April 4, 2022
Last Modified Time 9:58:08 AM

You can submit problem report and get more information on how to use PassXYZ from the website below.

[Learn more](#)

Copyright 2022, Roger Ye. All rights reserved.

PassXYZ.Vault is licensed under the GNU General Public License v3.0 . You may not use this file



PassXYZ.Vault

版本 1.0.0.0 (Debug)

您的个人信息管家

数据库名 Test Database
最近更新日期 2022年4月4日星期一
最近更新时间 上午9:55:39

您可以通过下面的PassXYZ网站提交问题报告和了解使用说明。

[了解更多](#)

Copyright 2022, 叶树泉 All rights reserved.

PassXYZ.Vault使用GNU通用公共许可证v3.0。如果您使用该软件，表示您同意Apache版权协议中的条款。您可以在下列网站获得Apache 2.0版权协议。



PassXYZ.Vault

版本 1.0.0.0 (Debug)

您的個人信息管家

數據庫名 Test Database
最近更新日期 2022年4月4日 星期一
最近更新時間 09:57:20

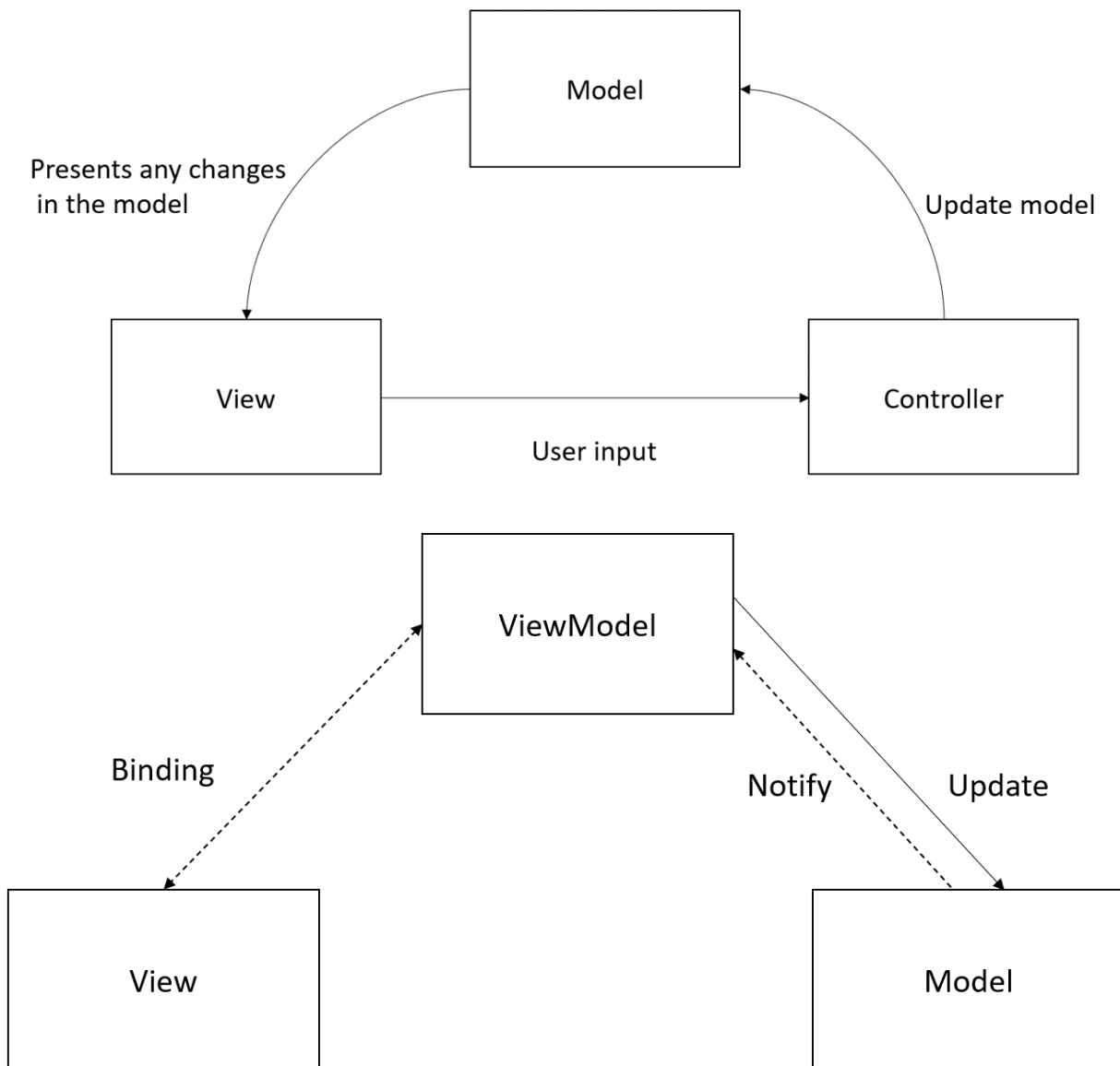
您可以通過下面的PassXYZ網站提交問題報告和了解使用說明。

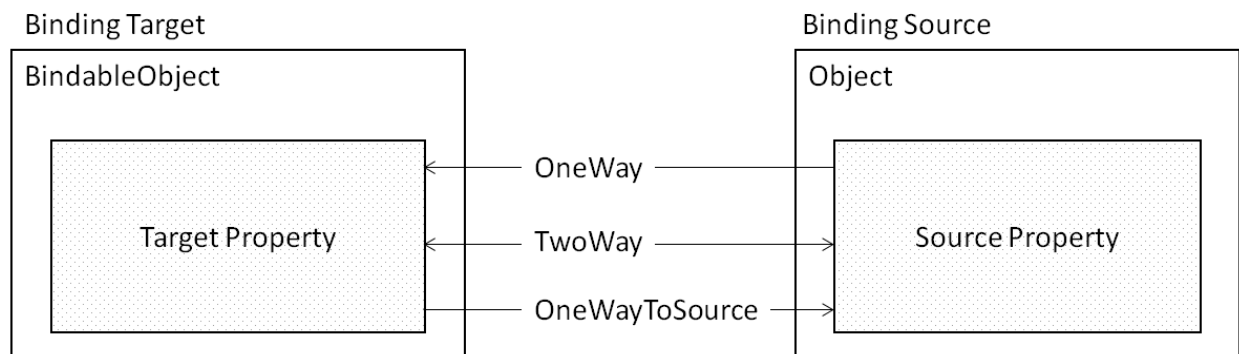
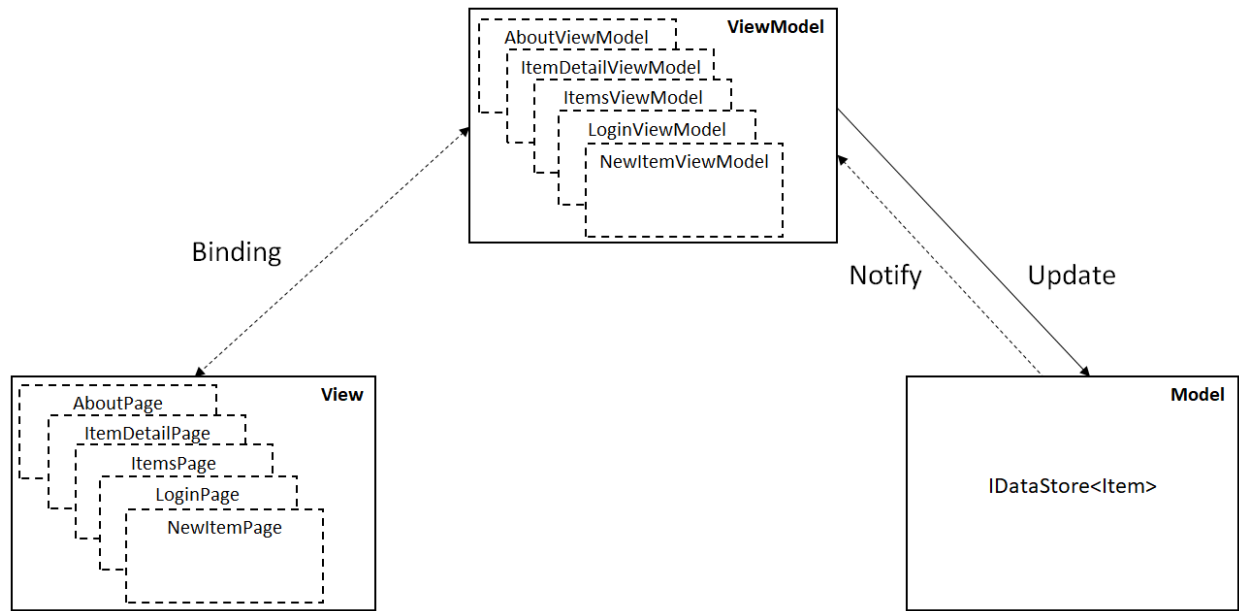
[了解更多](#)

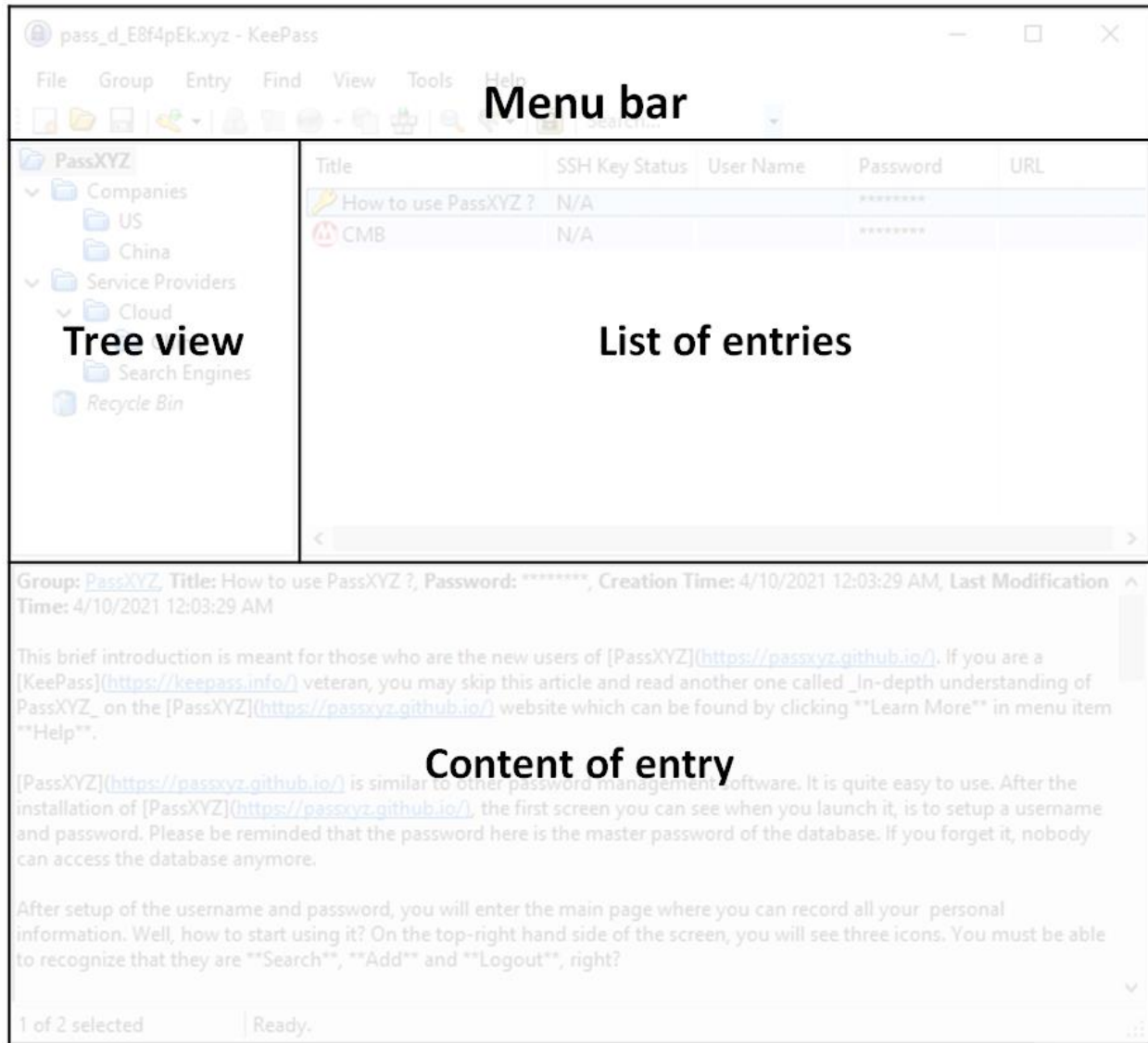
Copyright 2022, 葉樹泉 All rights reserved.

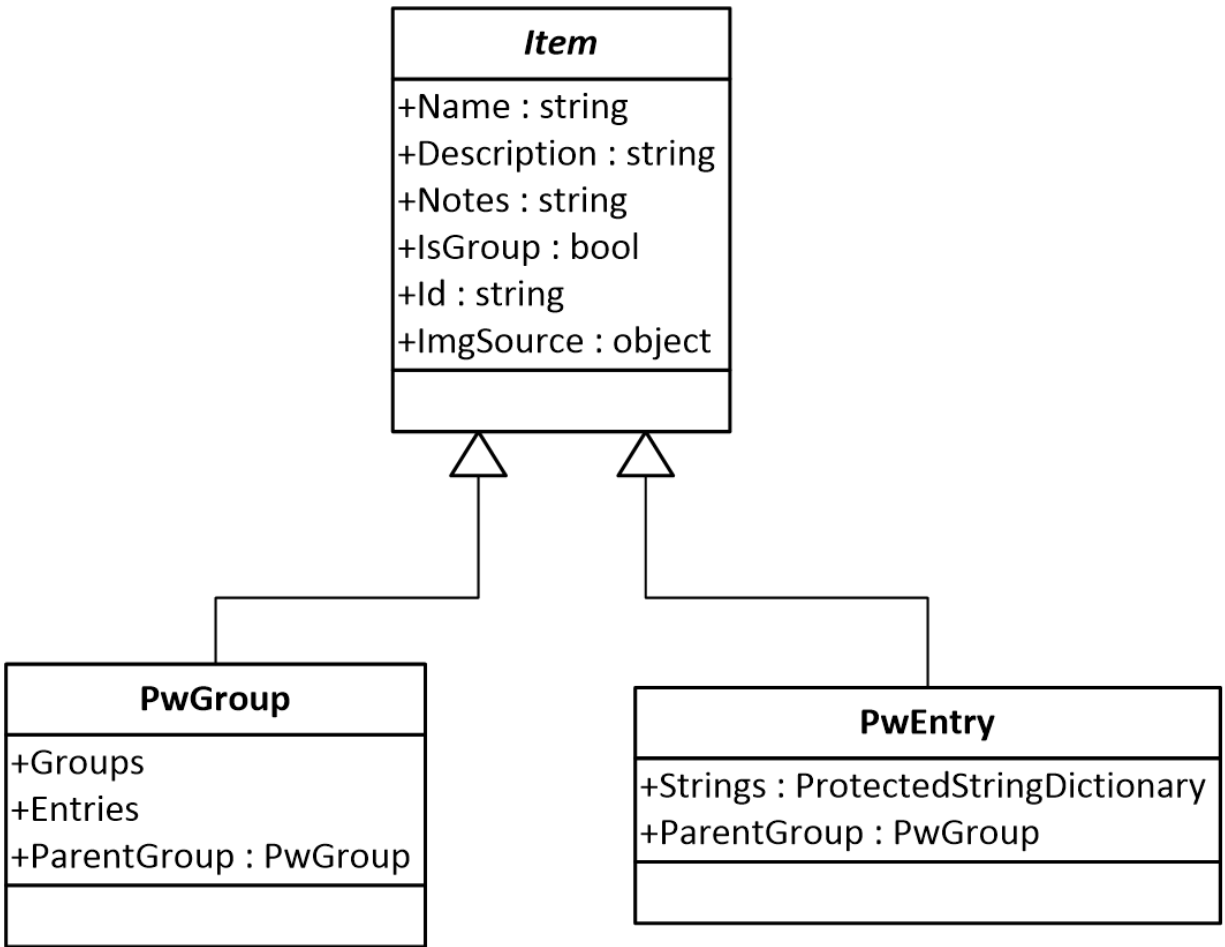
PassXYZ.Vault使用GNU通用公共許可證v3.0。如果您使用該軟件，表示您同意Apache版權協議中的條款。您可以在下列網站獲得Apache 2.0版權協議。

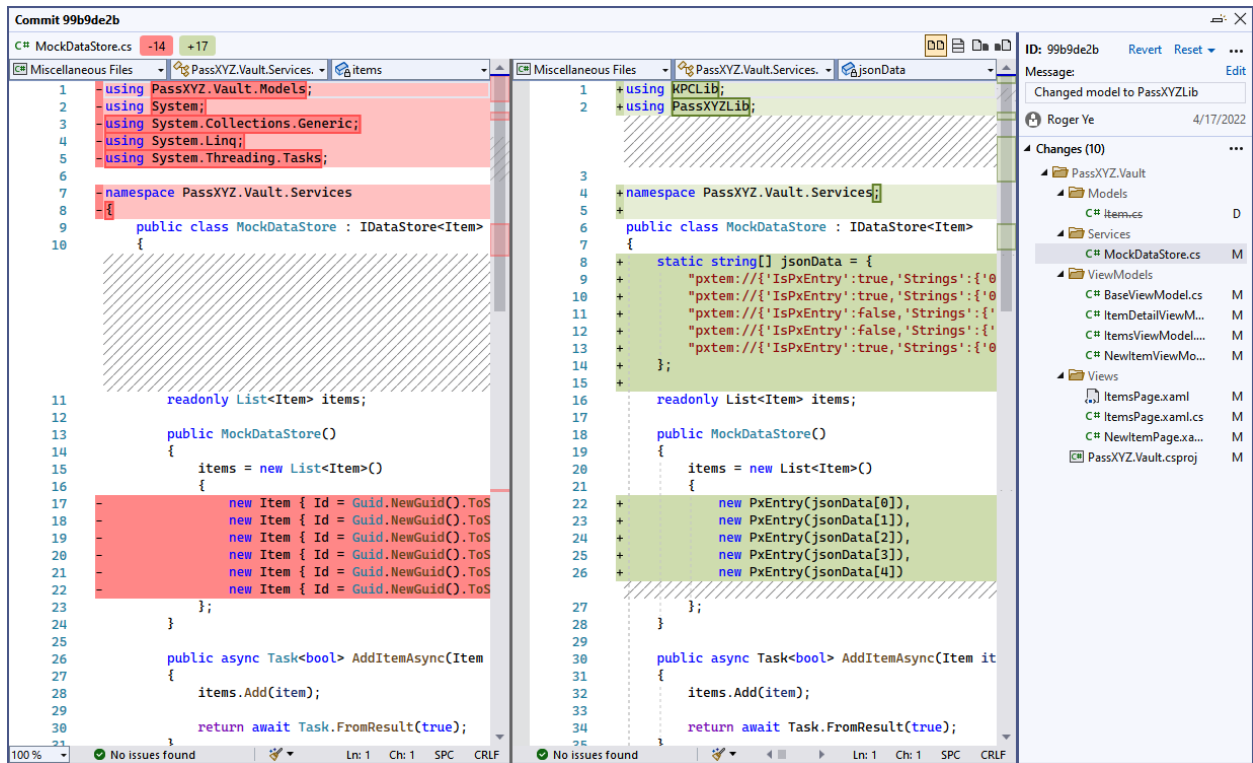
Chapter 4: Exploring MVVM and Data Binding











Binding Target

Collection View Object
(ListView or CollectionView)

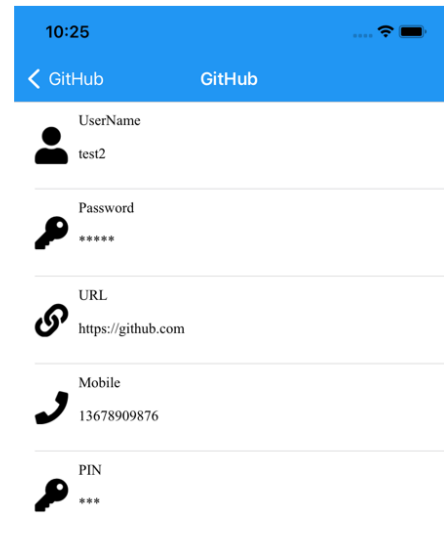
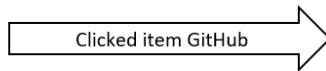
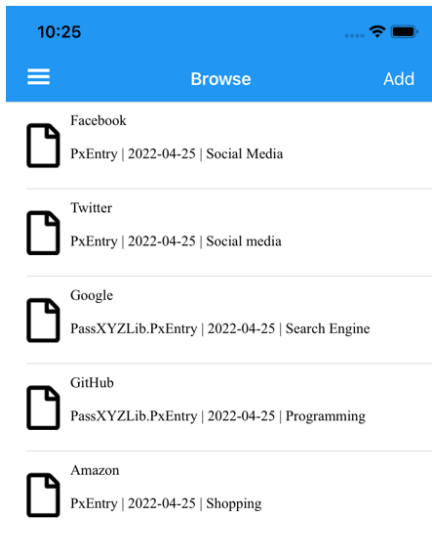
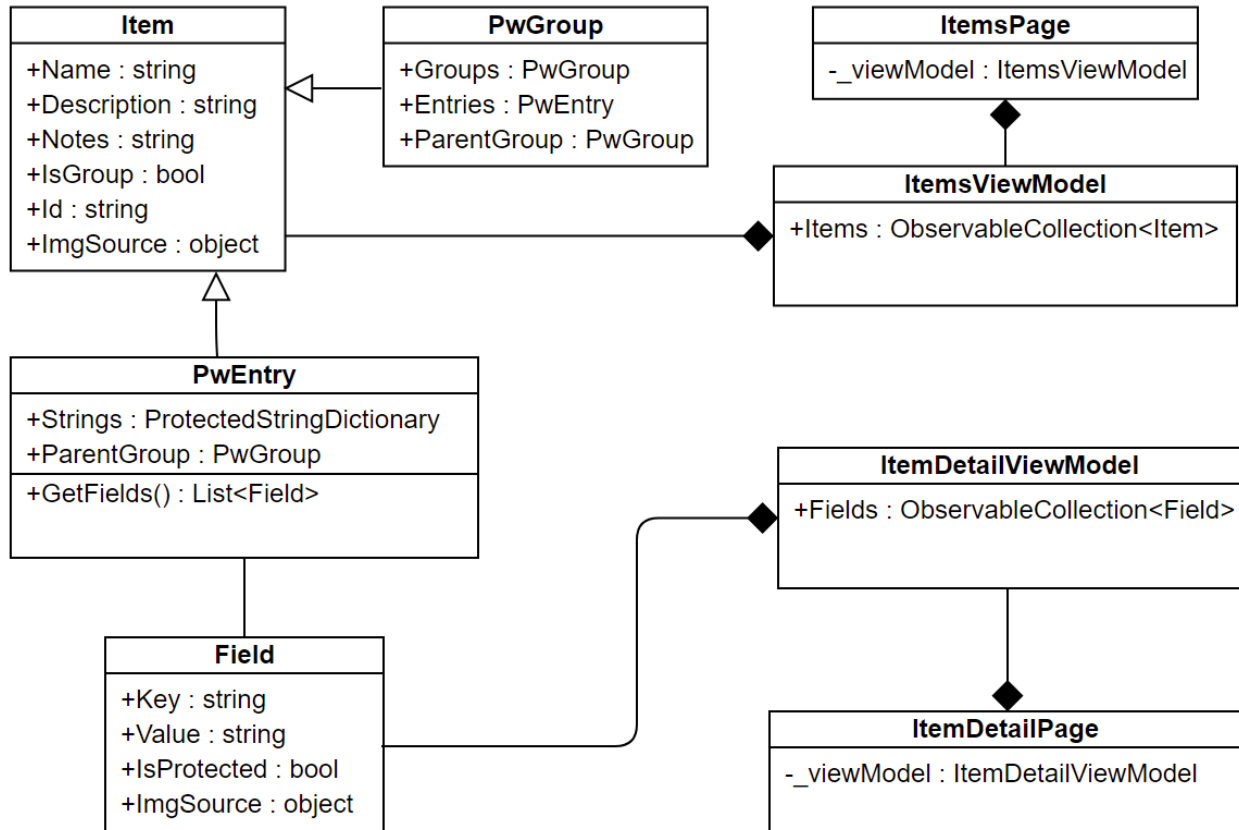
ItemsSource Property

Binding Source

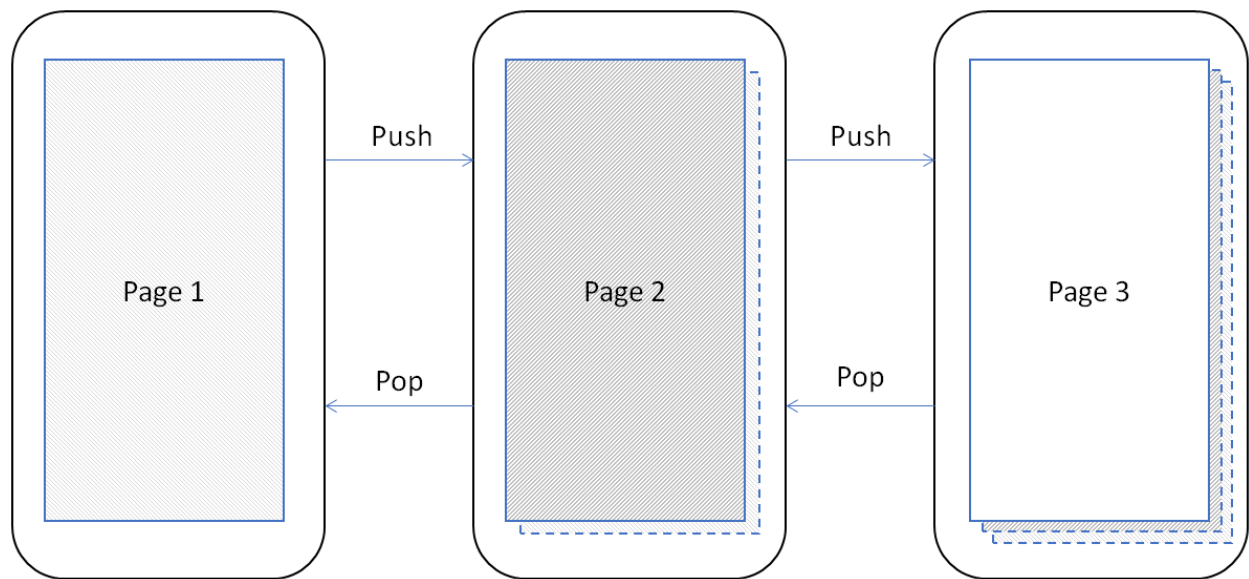
Collection Object

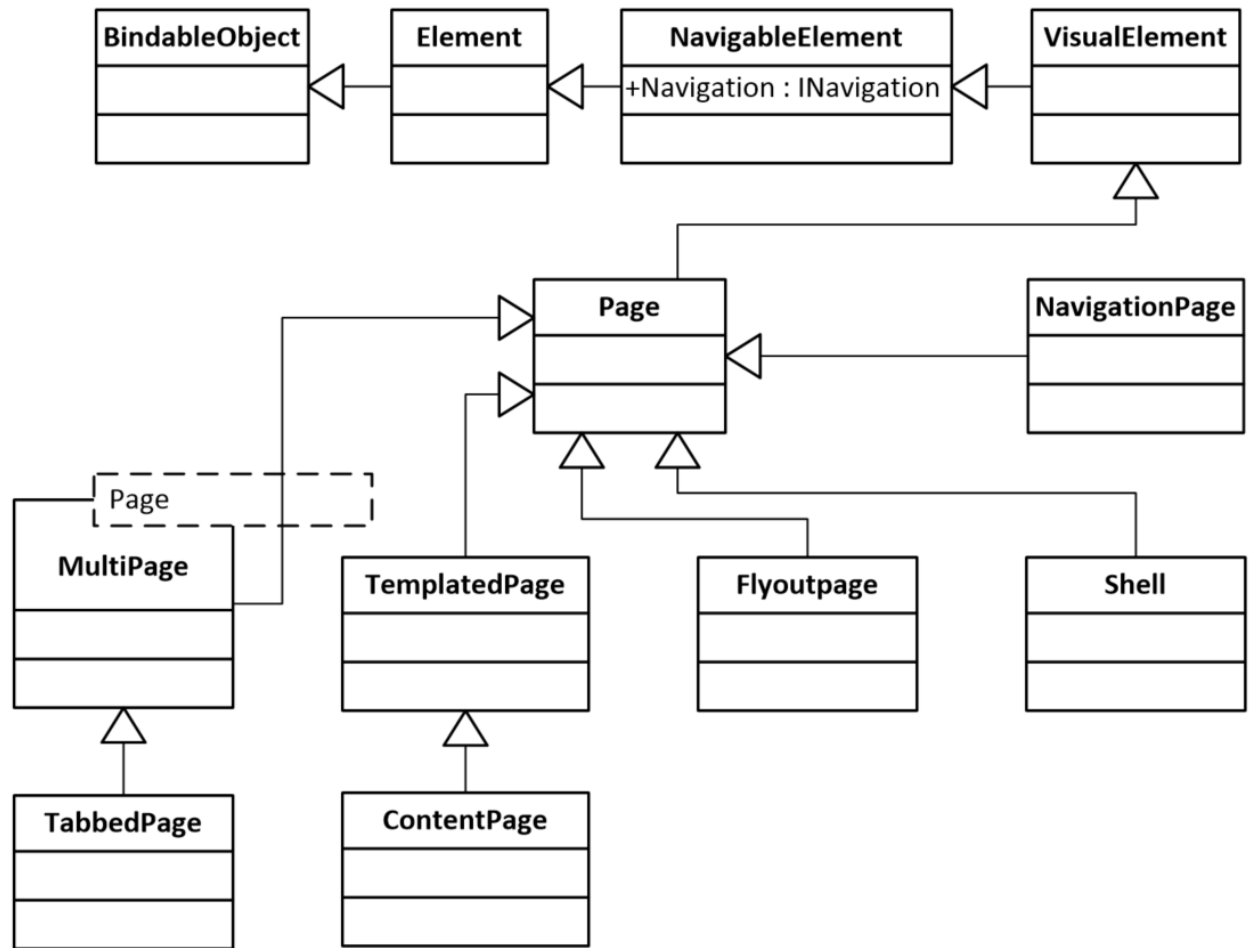
Source Property

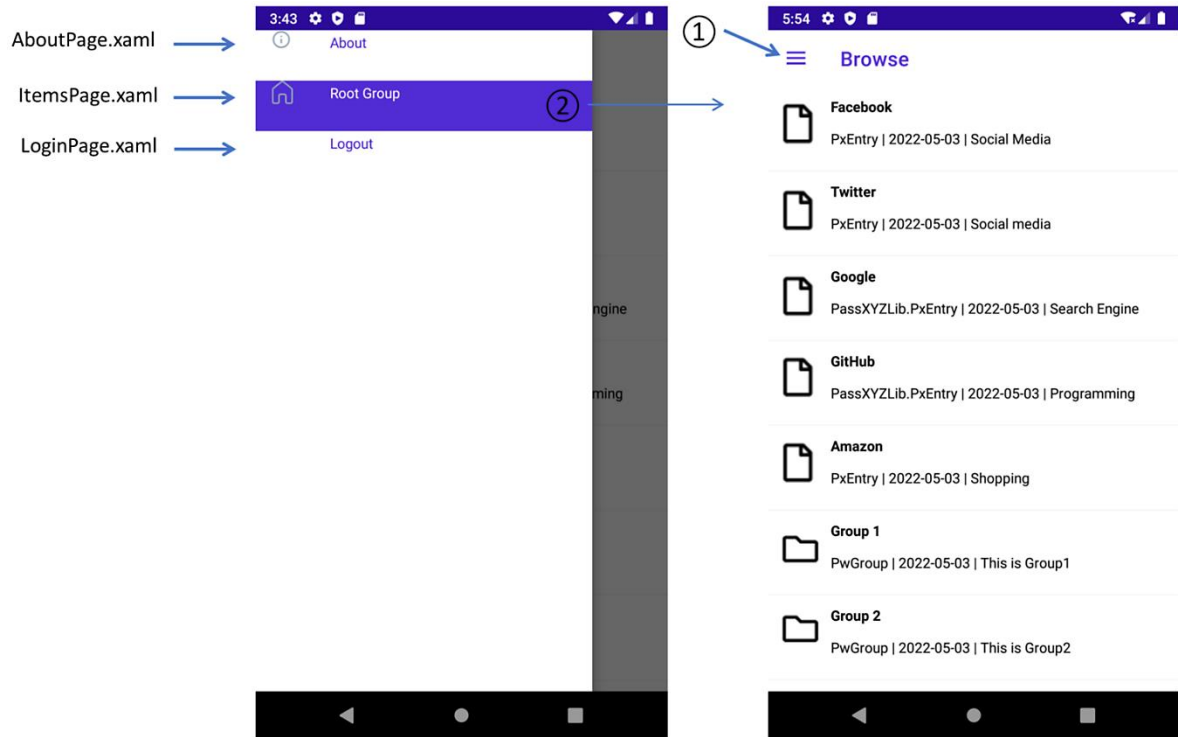
OneWay



Chapter 5: Navigation using .NET MAUI Shell and NavigationPage









Please enter your username and password to login to PassXYZ.

test

.....



You can create a new database or import a KeePass database.

New user

.....

.....|

Using Device Lock ☐

PassXYZ.Vault

Login Users

Please enter your username and password to login to PassXYZ.

Username

Password

PassXYZ.Vault

Login Users

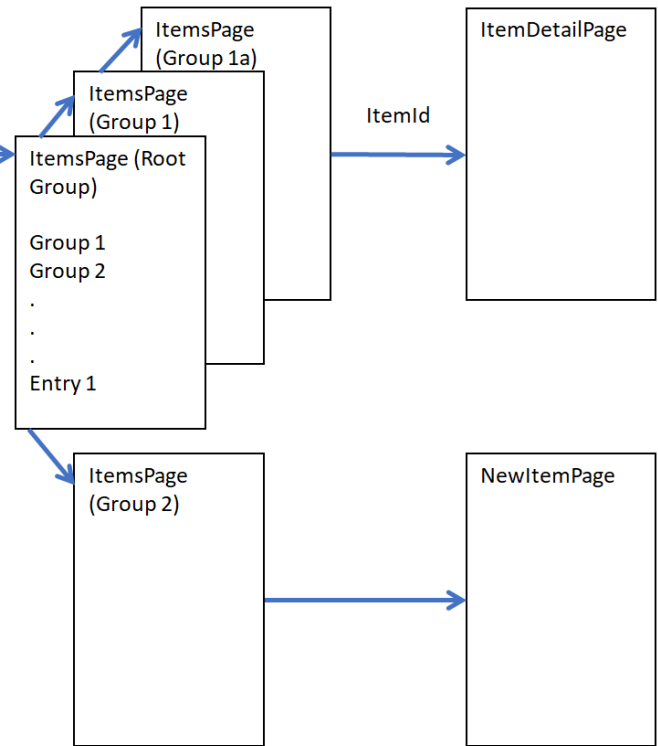
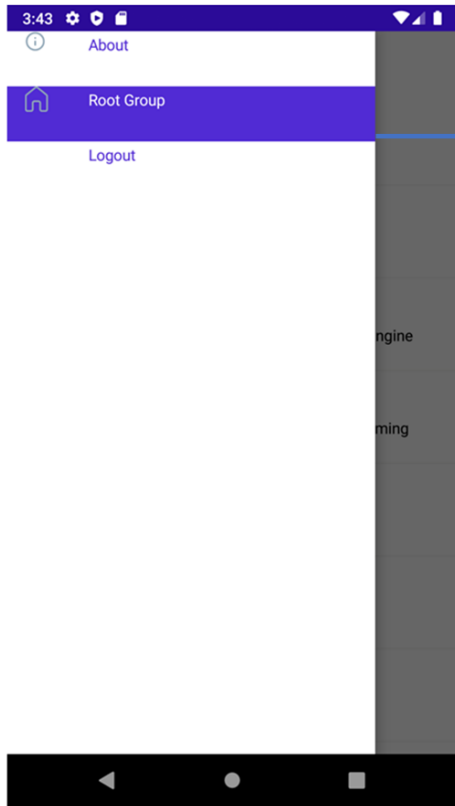
You can create a new database or import a KeePass database.

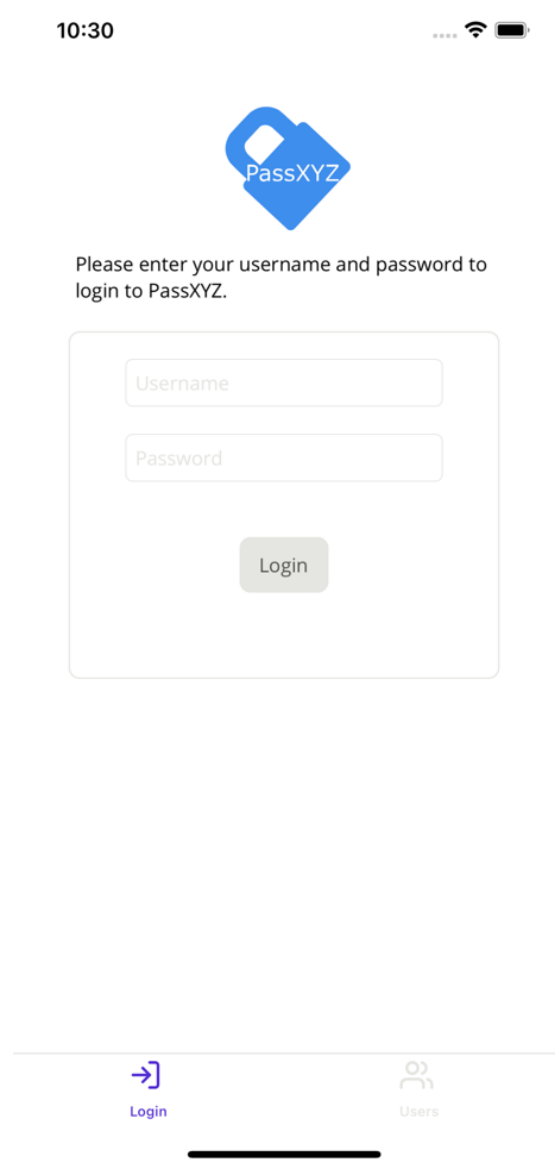
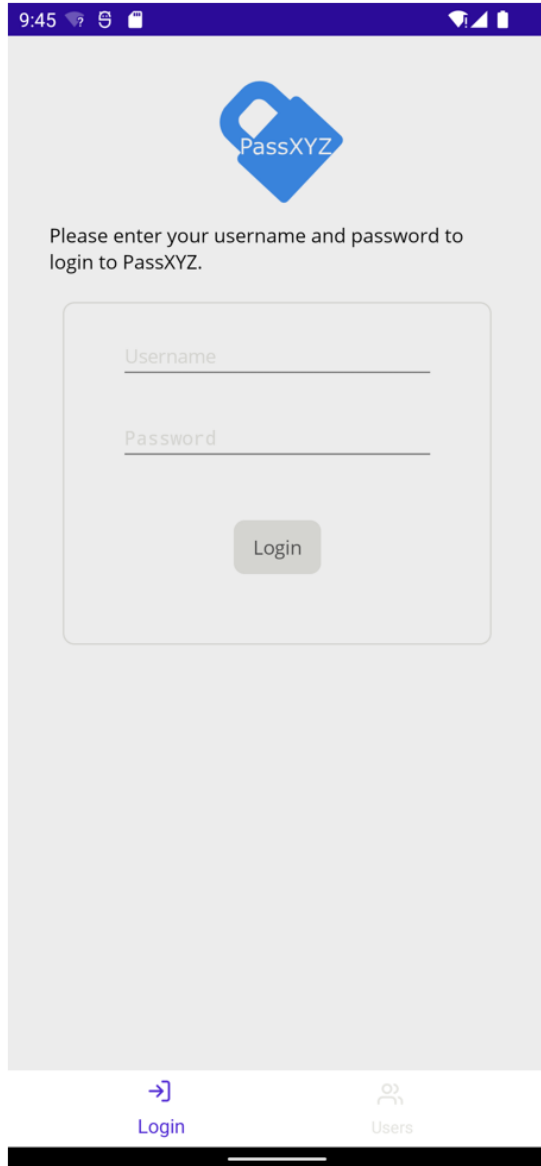
Username

Password

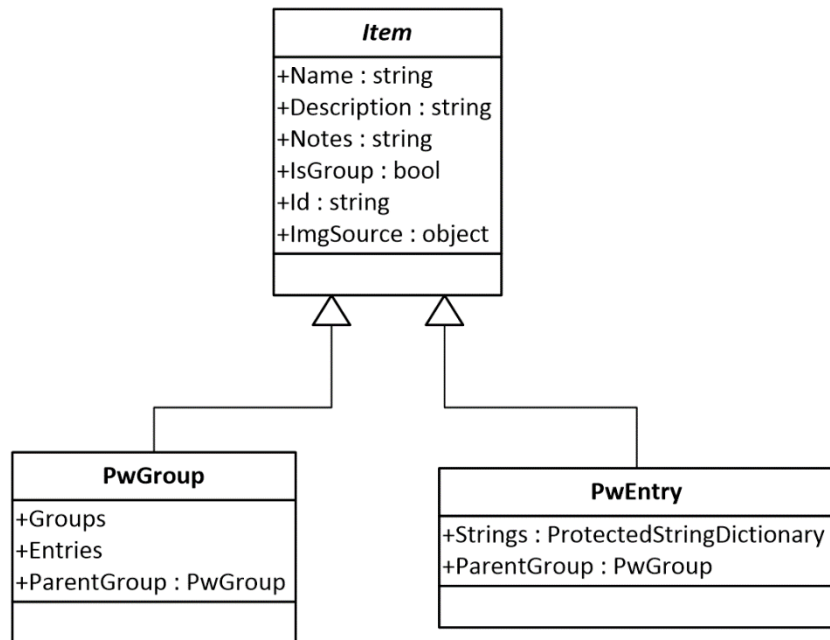
Password

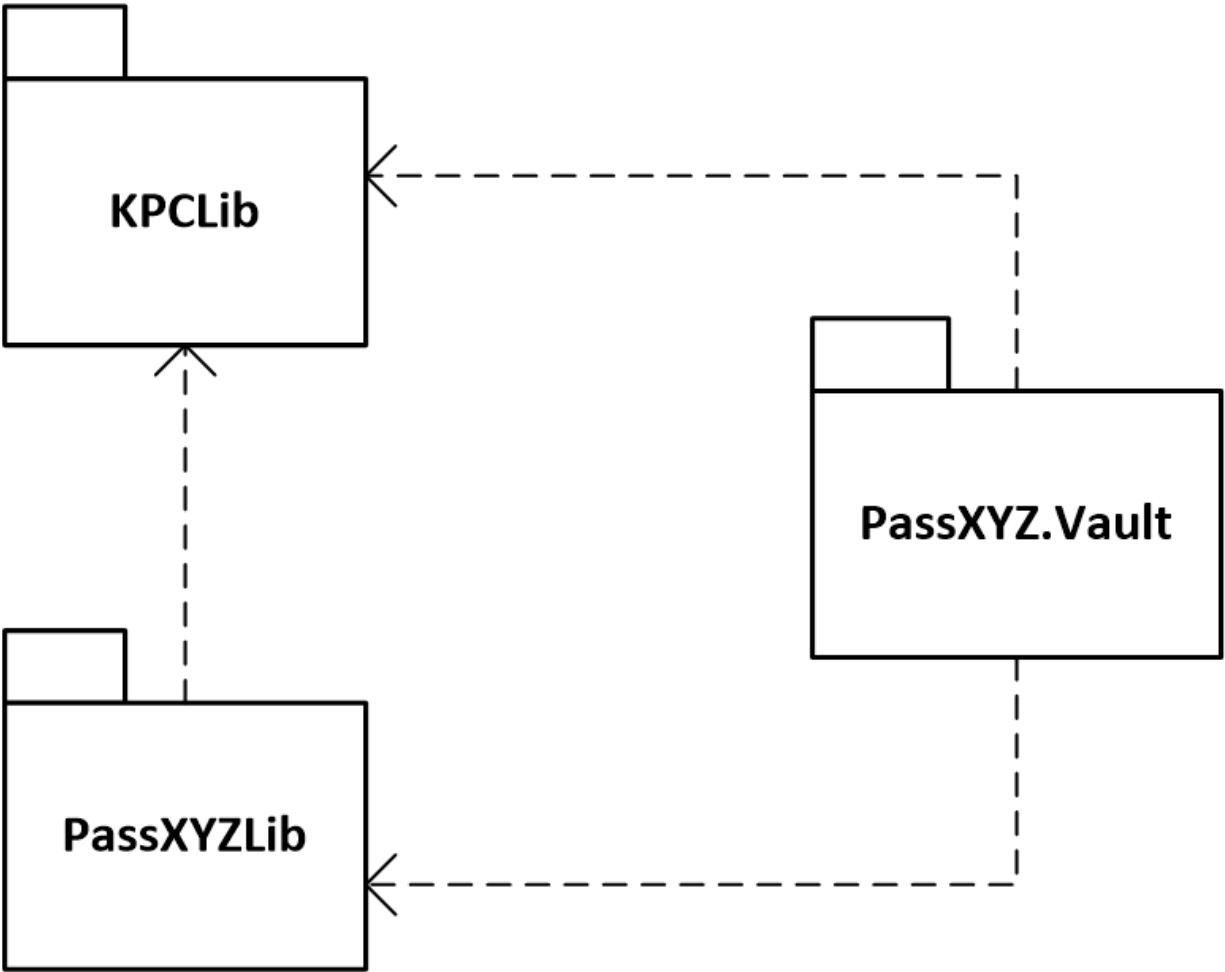
Using Device Lock ☐ Off

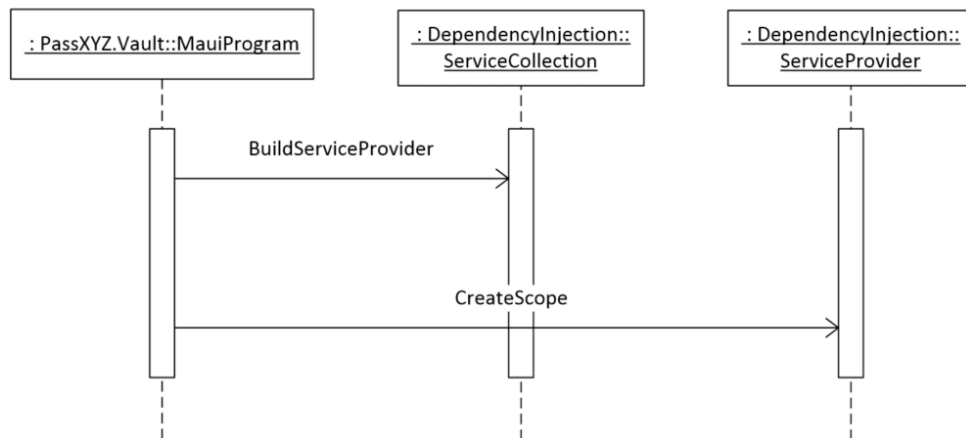
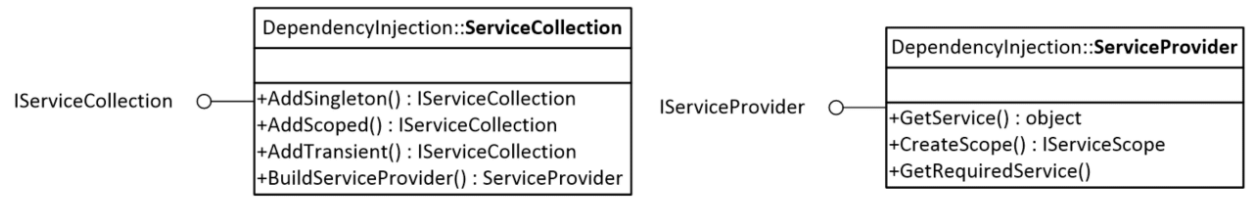


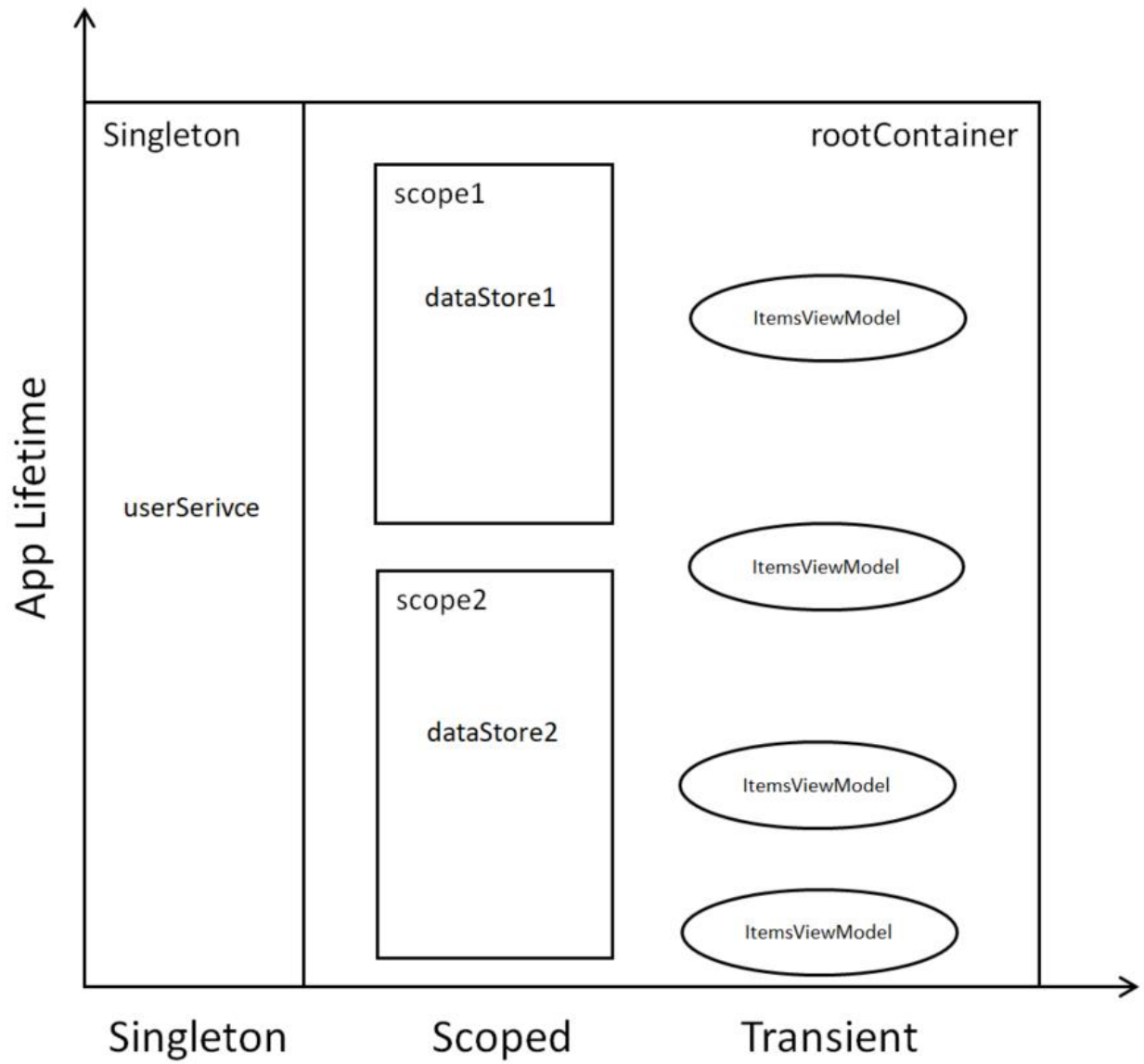


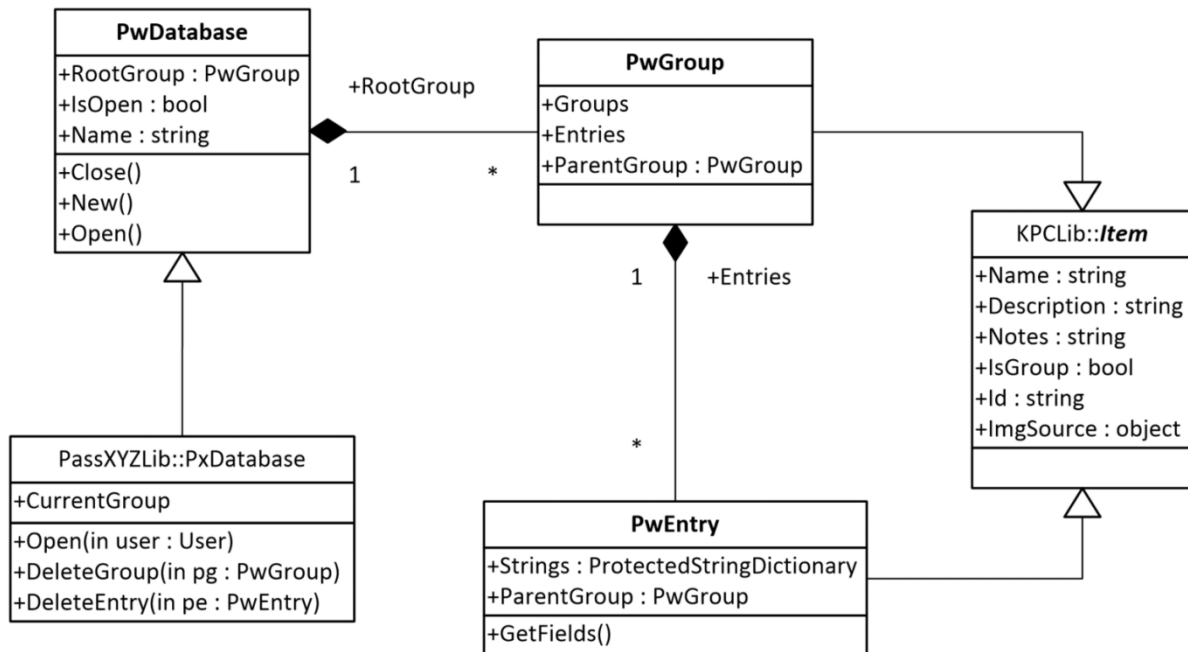
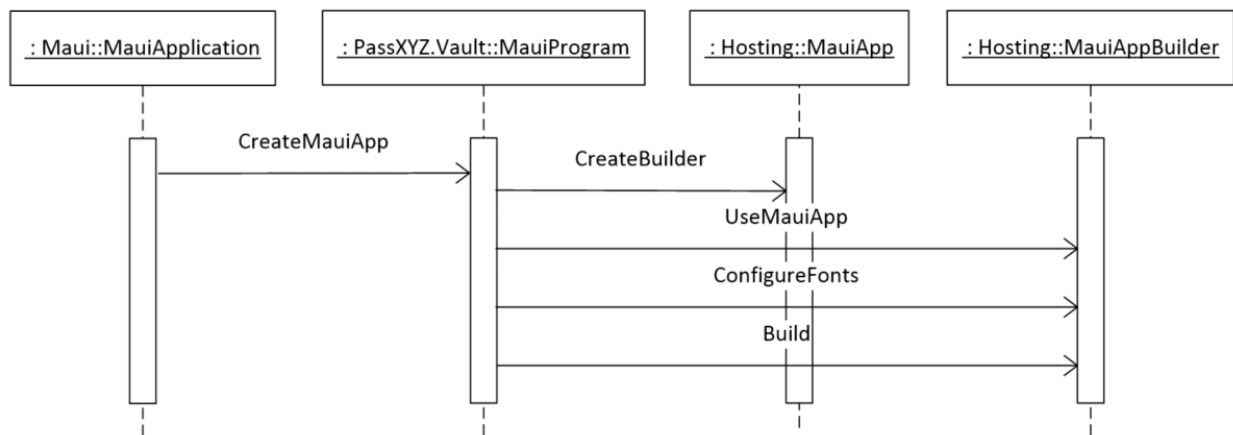
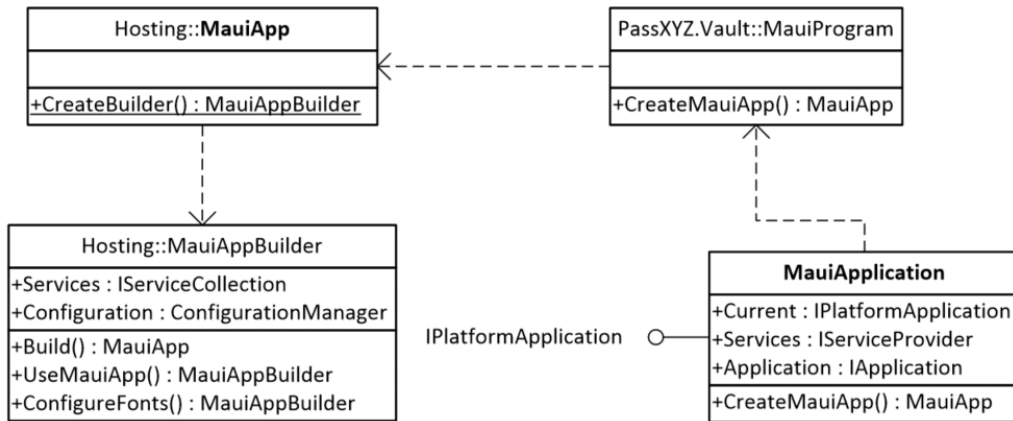
Chapter 6: Introducing Dependency Injection and Platform-Specific Services

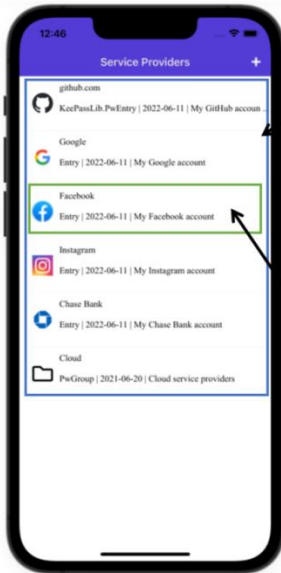










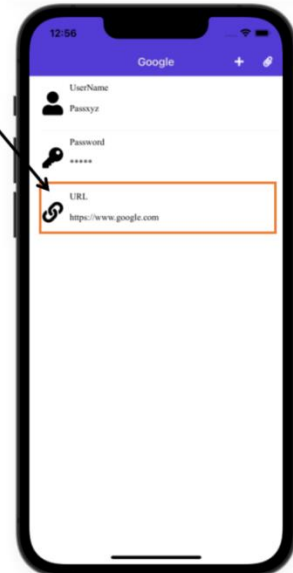


Group

Title	UserName	Password	URL	Notes
GitHub	passxyz	12345	https://github.com/	My GitHub account
Google	passxyz	12345	https://www.google.com/	My Google account
Facebook	passxyz	12345	https://www.facebook.com/	My Facebook account
Instagram	passxyz	12345	https://www.instagram.com/	My Instagram account
Chase Bank	passxyz	12345	https://www.chase.com/	My Chase bank account

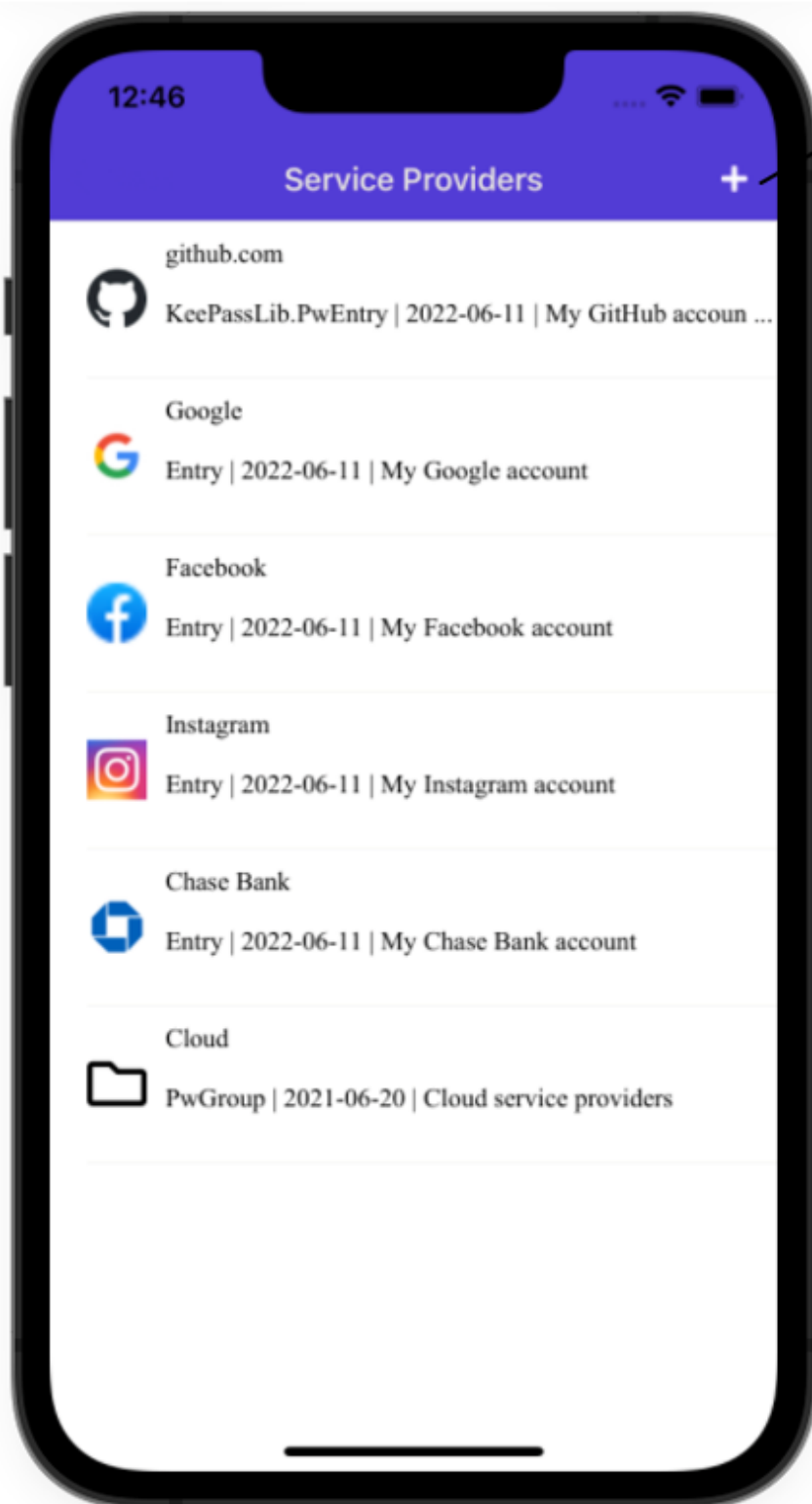
Entry

Field

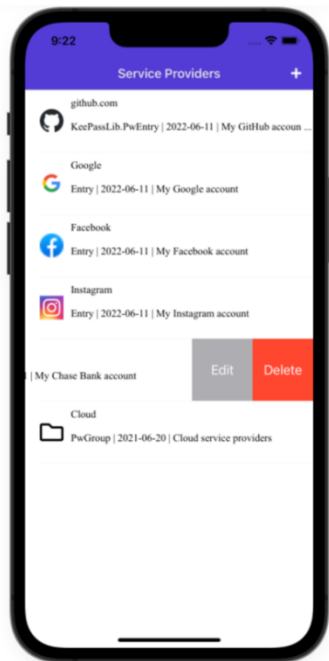


Standard Fields:

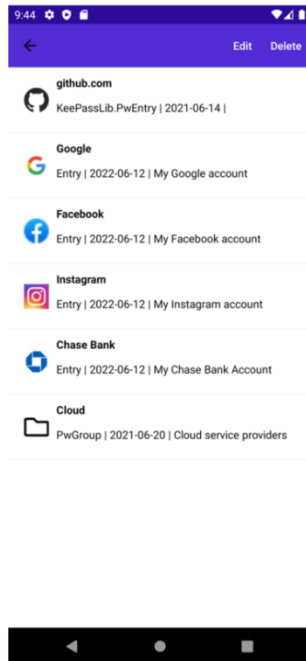
- Title
- UserName
- Password
- URL
- Notes



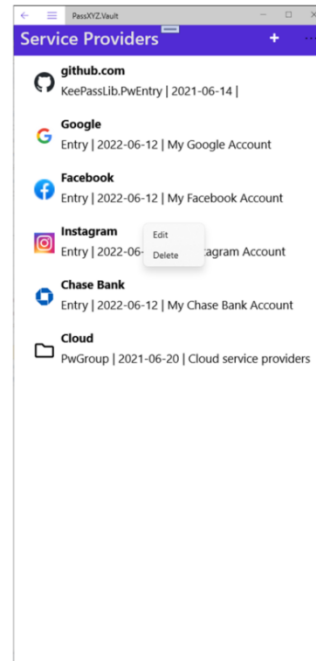
Add an item



iOS

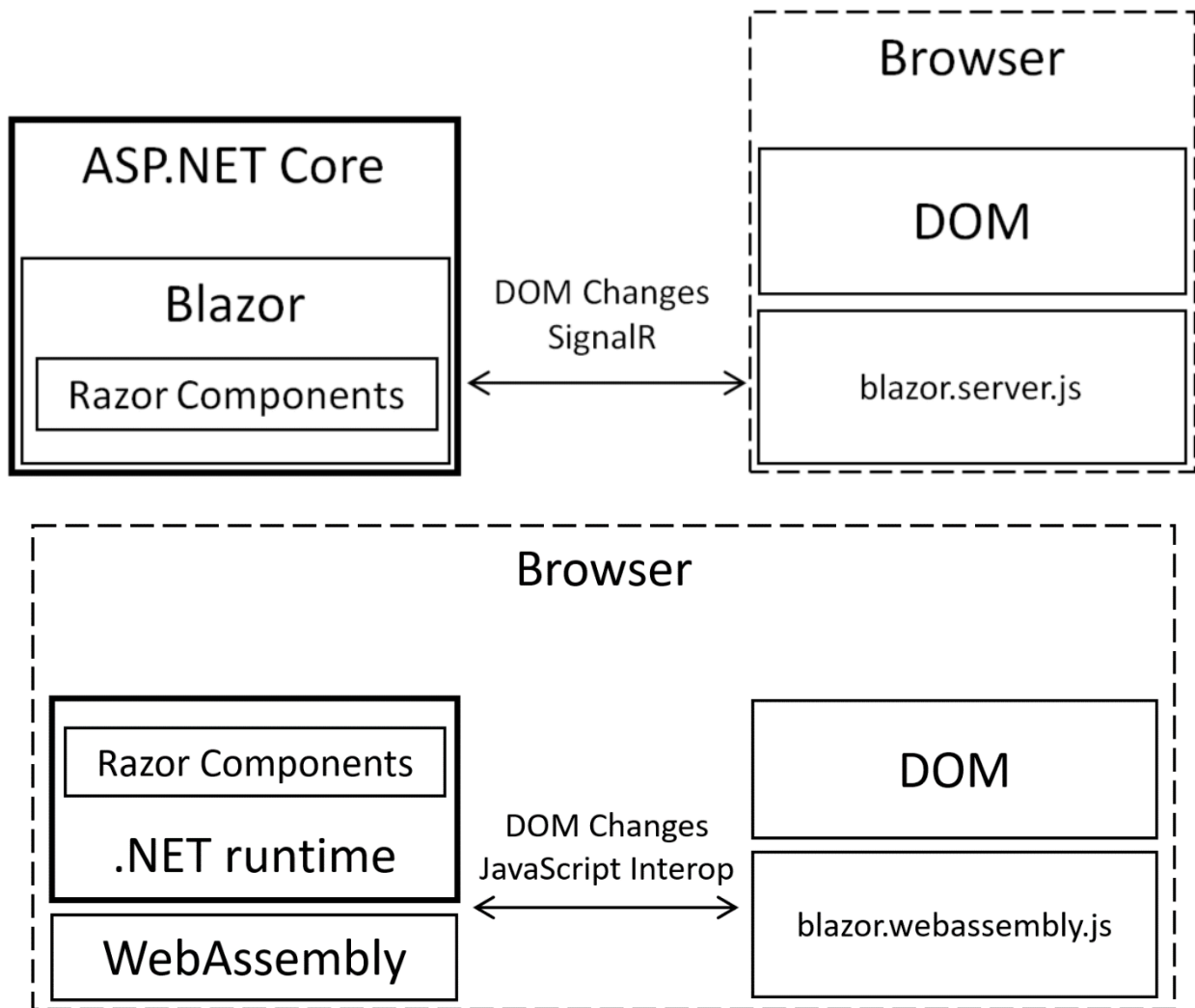


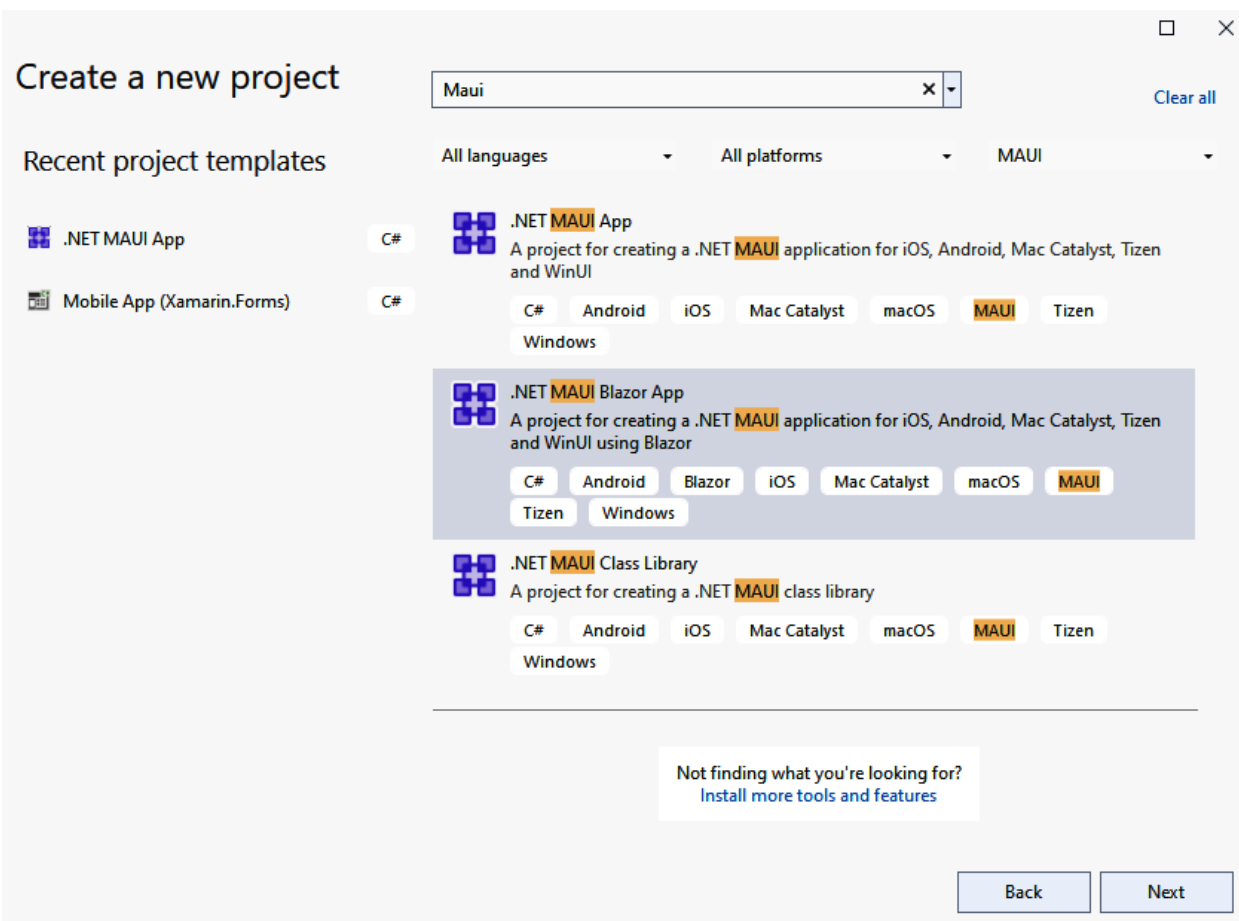
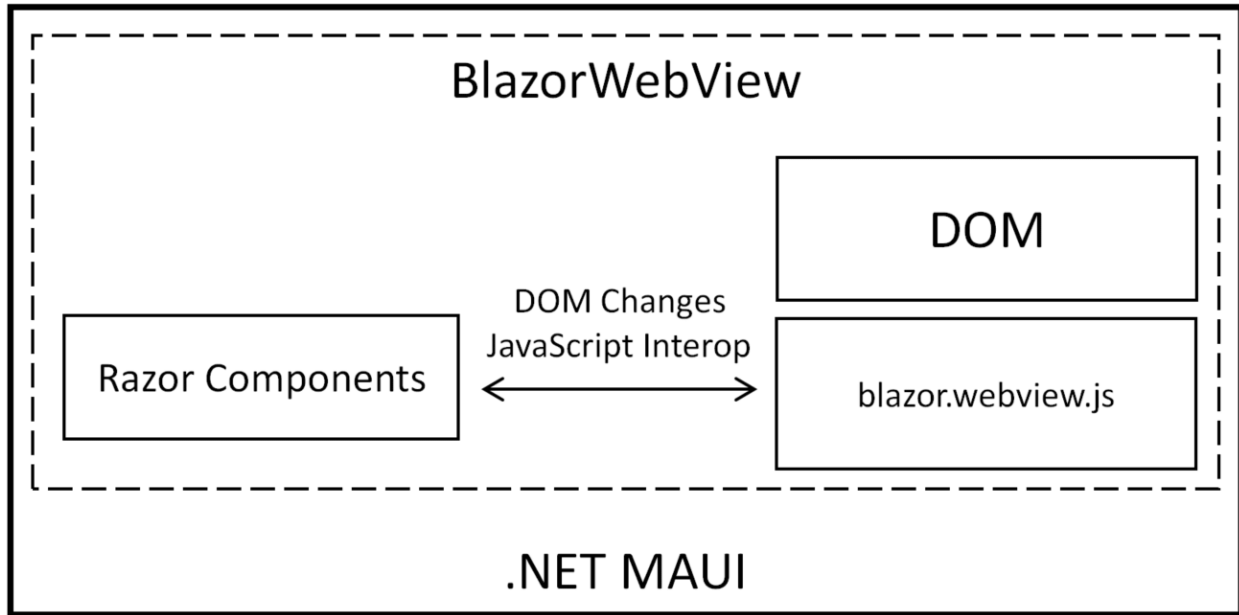
Android

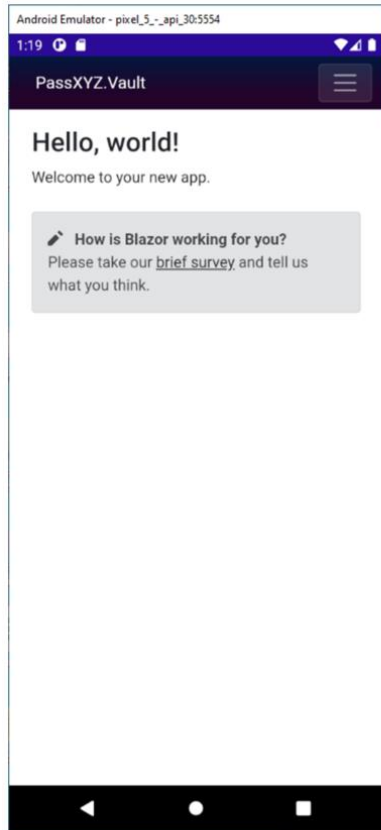


WinUI

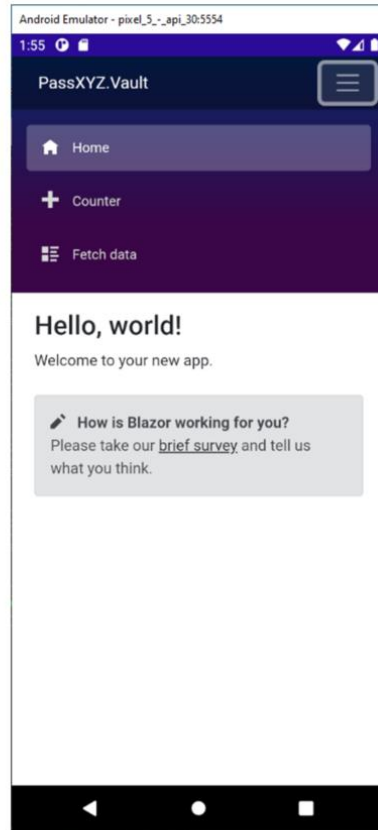
Chapter 7: Introducing Blazor Hybrid App Development



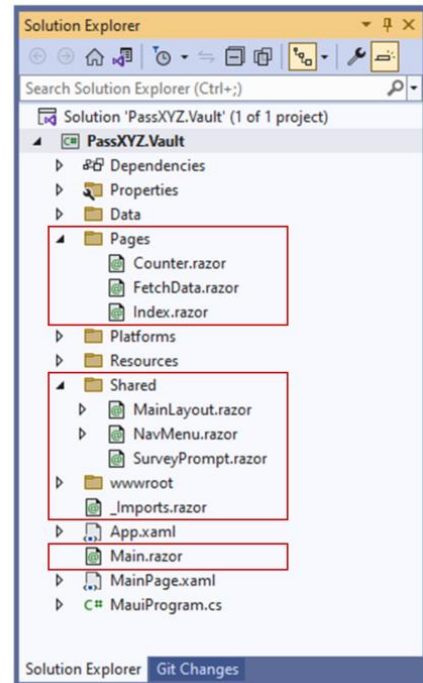




Startup



Menu items



Project structure



Please sign in

Email address

Password

☐ Remember me

Sign in

© 2017–2021

10:11



Please sign in

Username

Password

☐ Remember me

Sign in

© 2021–2022

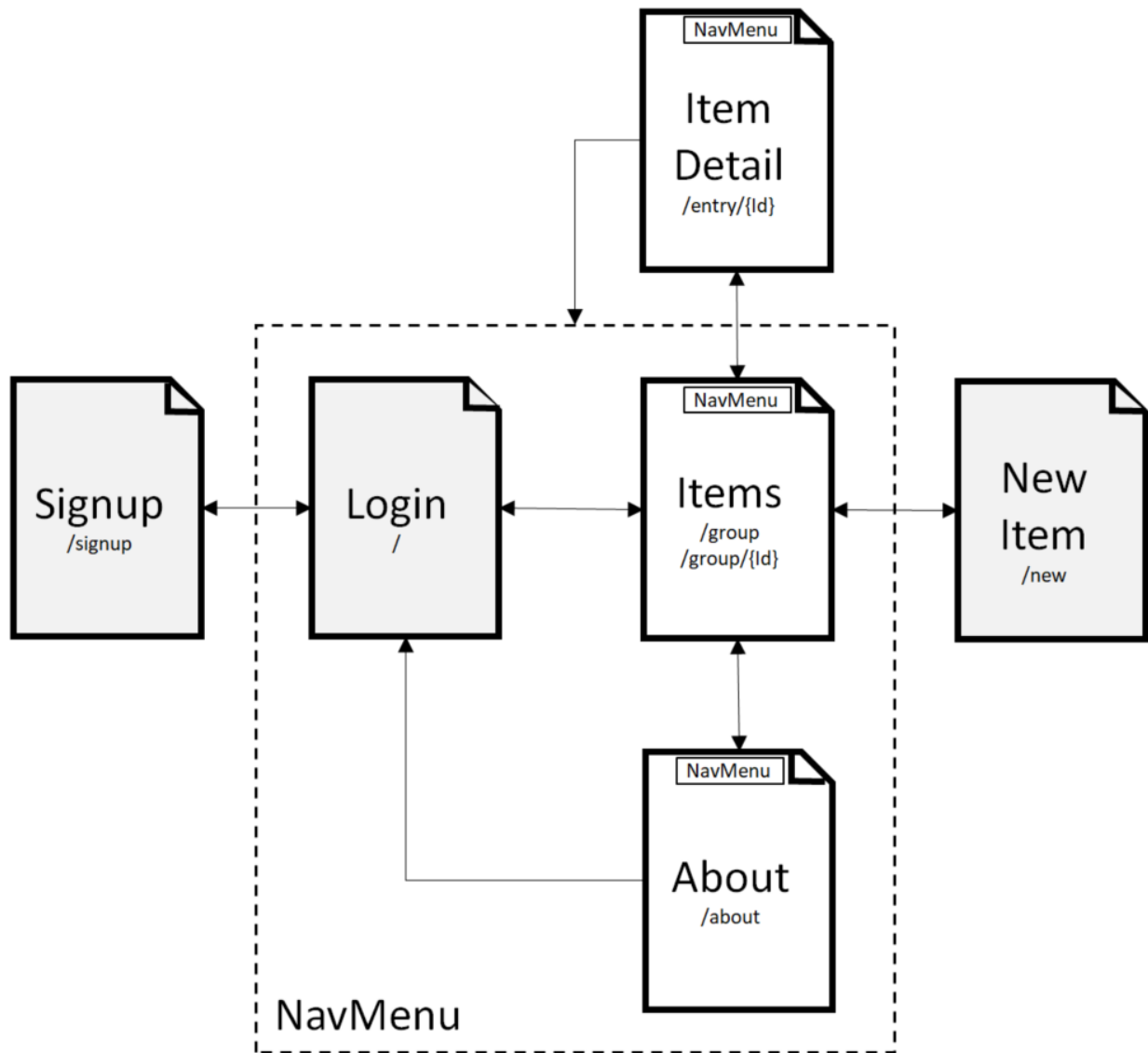


Login



Users

Chapter 8: Understanding the Blazor Layout and Routing



5:14



PassXYZ.Vault



Service Providers



github.com

KeePassLib.PwEntry | 2022-06-11 |
My GitHub account ...



Google

Entry | 2022-06-11 | My Google
account



Facebook

Entry | 2022-06-11 | My Facebook
account



Instagram

Entry | 2022-06-11 | My Instagram
account



Chase Bank

Entry | 2022-06-11 | My Chase Bank
account



Cloud

PwGroup | 2021-06-20 | Cloud service
providers



9:36



PassXYZ.Vault



 Home

 About

 Logout



Service Providers



github.com

KeePassLib.PwEntry | 2021-06-14 |

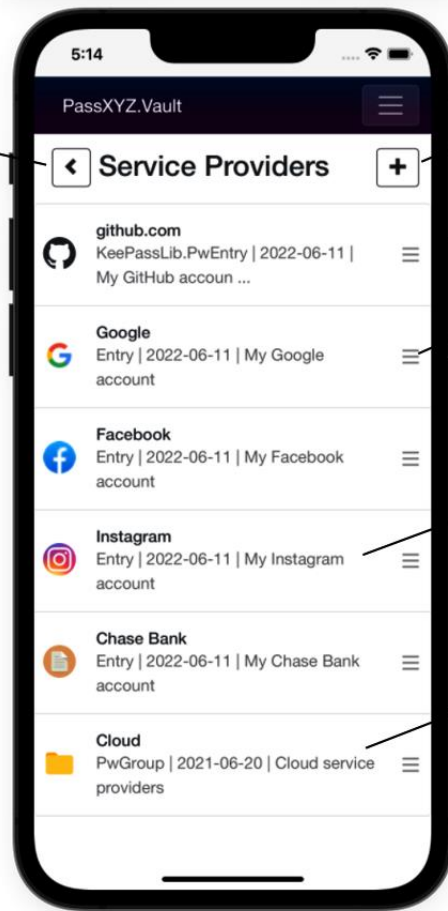


Cloud

PwGroup | 2021-06-20 | Cloud
service providers



Back button



Add button

Context Menu

/entry/{SelectedItemId}

/group/{SelectedItemId}

- Buttons
- Button group
- Card
- Carousel
- Close button
- Collapse
- Dropdowns
- List group**
- Modal
- Navs & tabs
- Navbar
- Offcanvas
- Pagination
- Placeholders
- Popovers
- Progress
- Scrollspy
- Spinners
- Toasts
- Tooltips
- > Helpers
- > Utilities

Custom content

Add nearly any HTML within, even for linked list groups like the one below, with the help of [flexbox utilities](#).

- List group item heading3 days ago

Some placeholder content in a paragraph.

And some small print.
- List group item heading3 days ago

Some placeholder content in a paragraph.

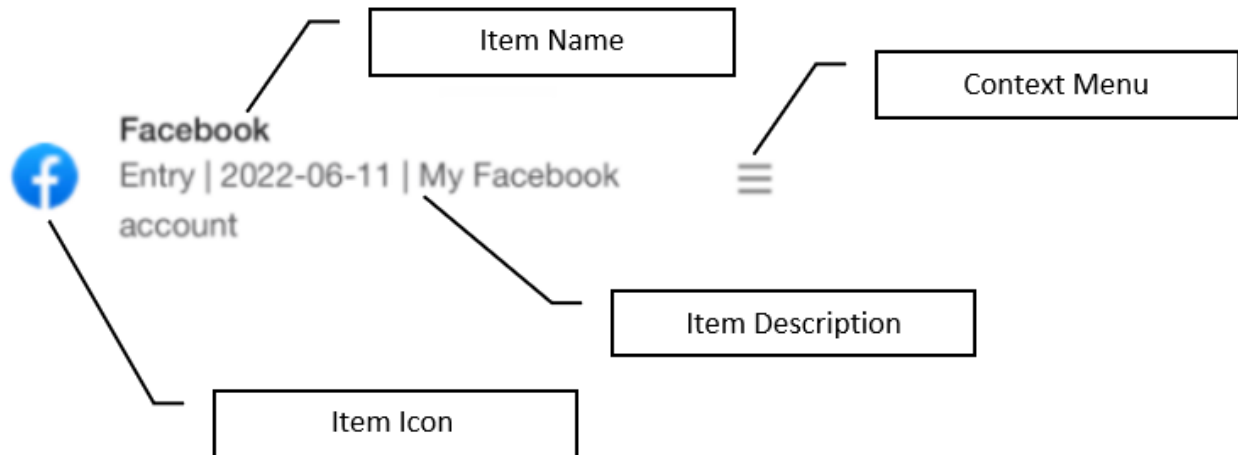
And some muted small print.
- List group item heading3 days ago

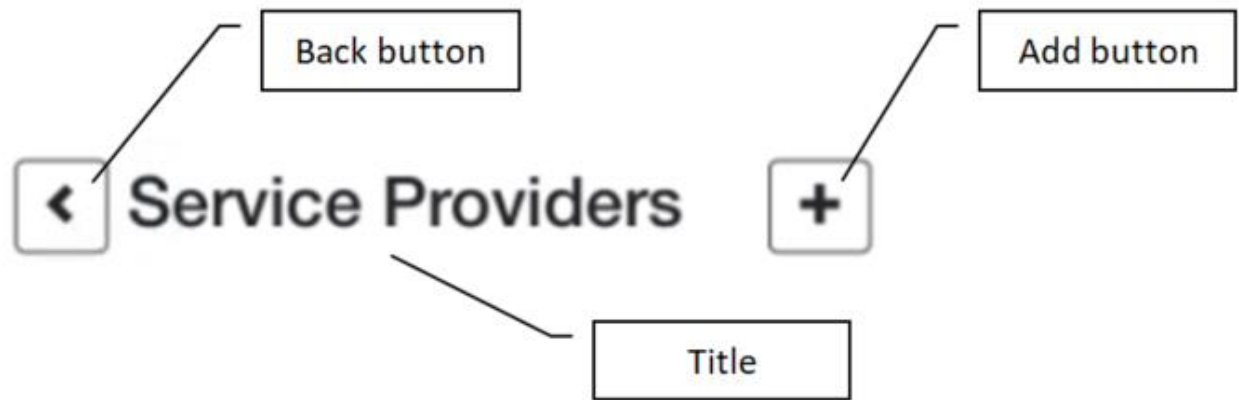
Some placeholder content in a paragraph.

And some muted small print.

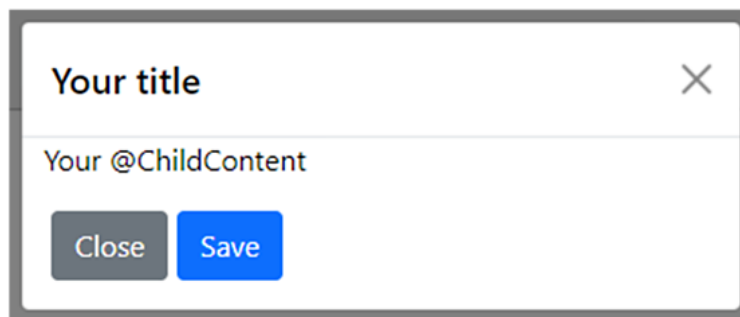
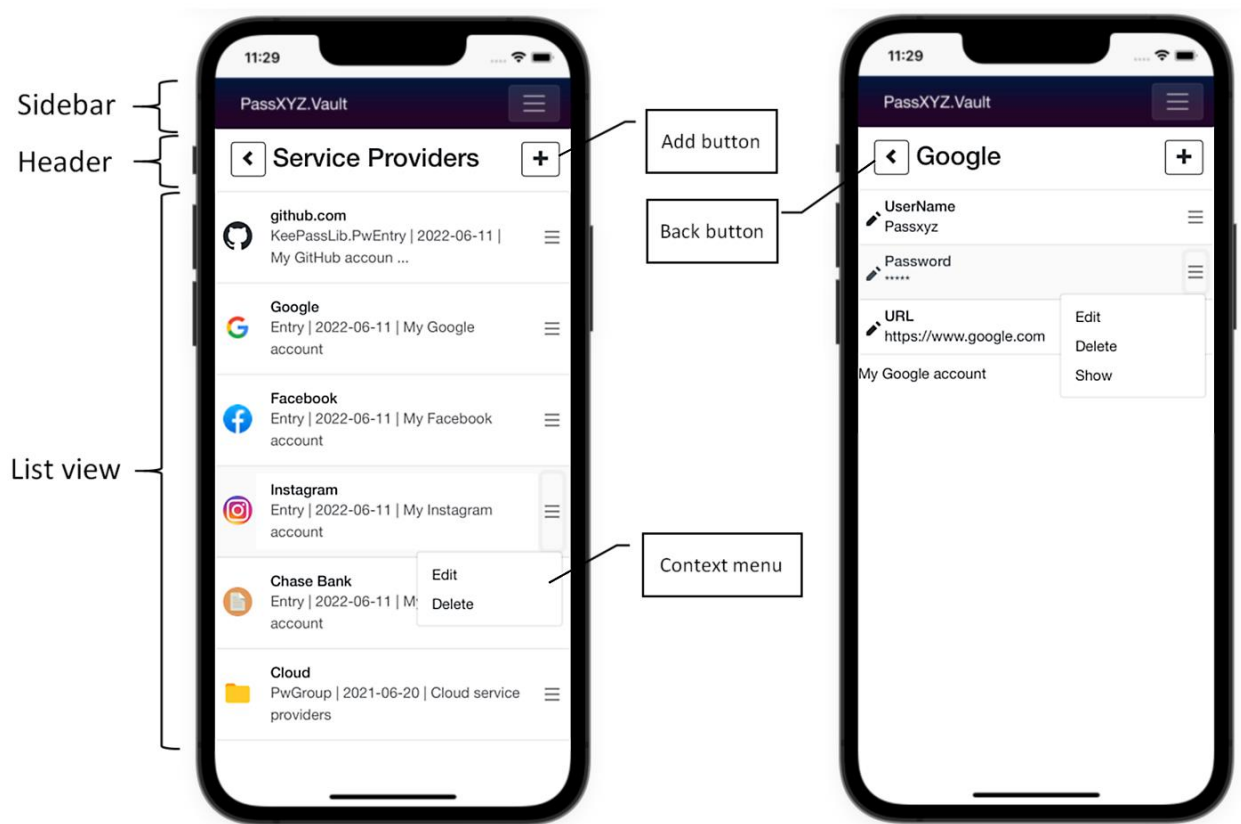
```
<div class="list-group">
  <a href="#" class="list-group-item list-group-item-action active" aria-current="true">
    <div class="d-flex w-100 justify-content-between">
      <h5 class="mb-1">List group item heading</h5>
      <small>3 days ago</small>
    </div>
    <p class="mb-1">Some placeholder content in a paragraph.</p>
    <small>And some small print.</small>
  </a>
  <a href="#" class="list-group-item list-group-item-action">
```

Copy



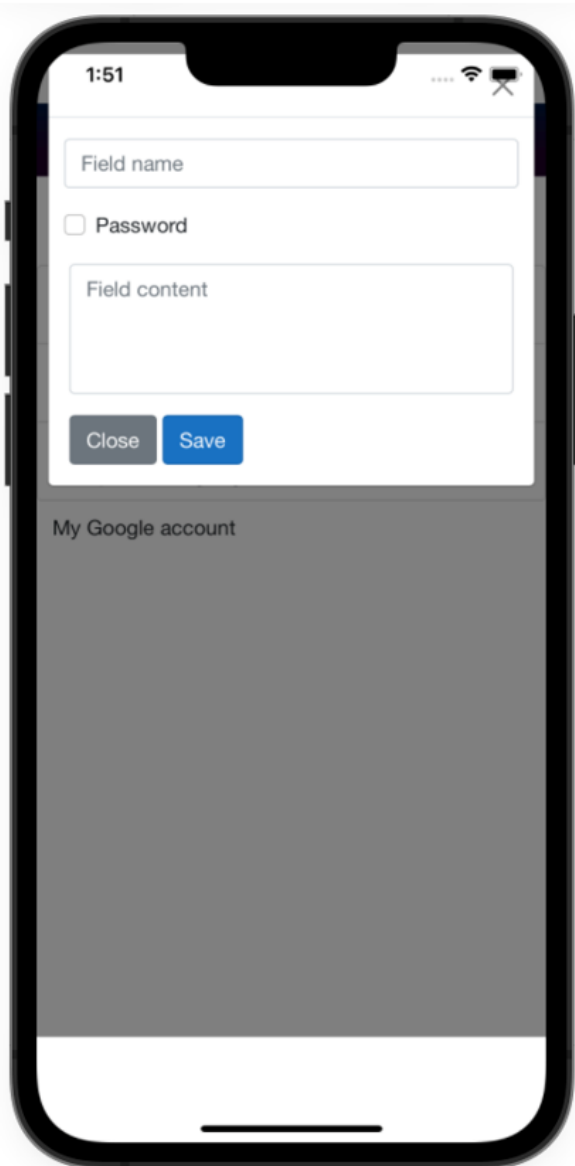


Chapter 9: Implementing Blazor Components

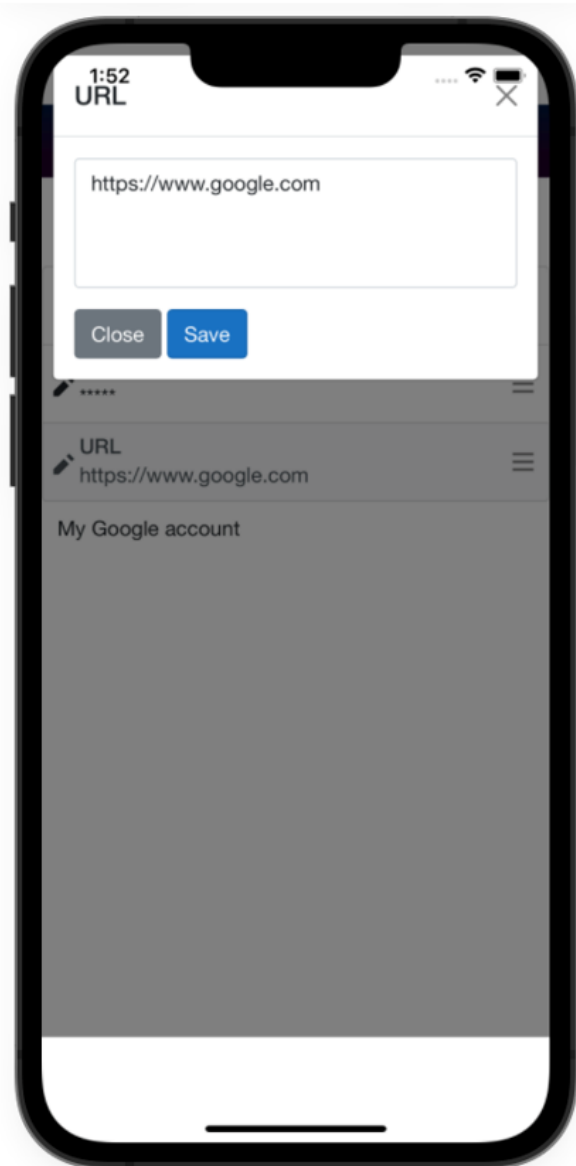


— modal-header

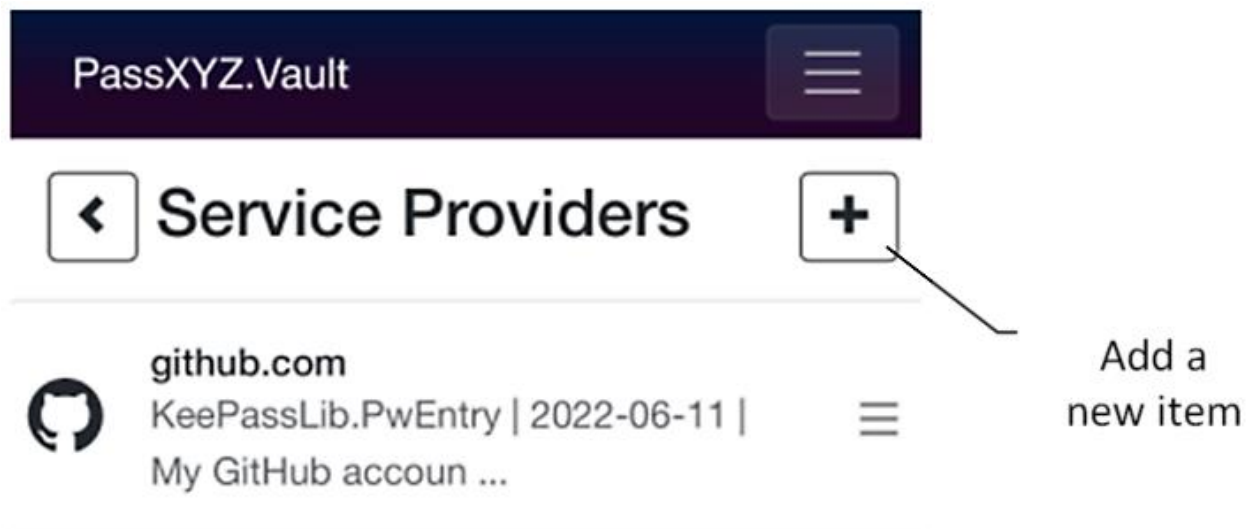
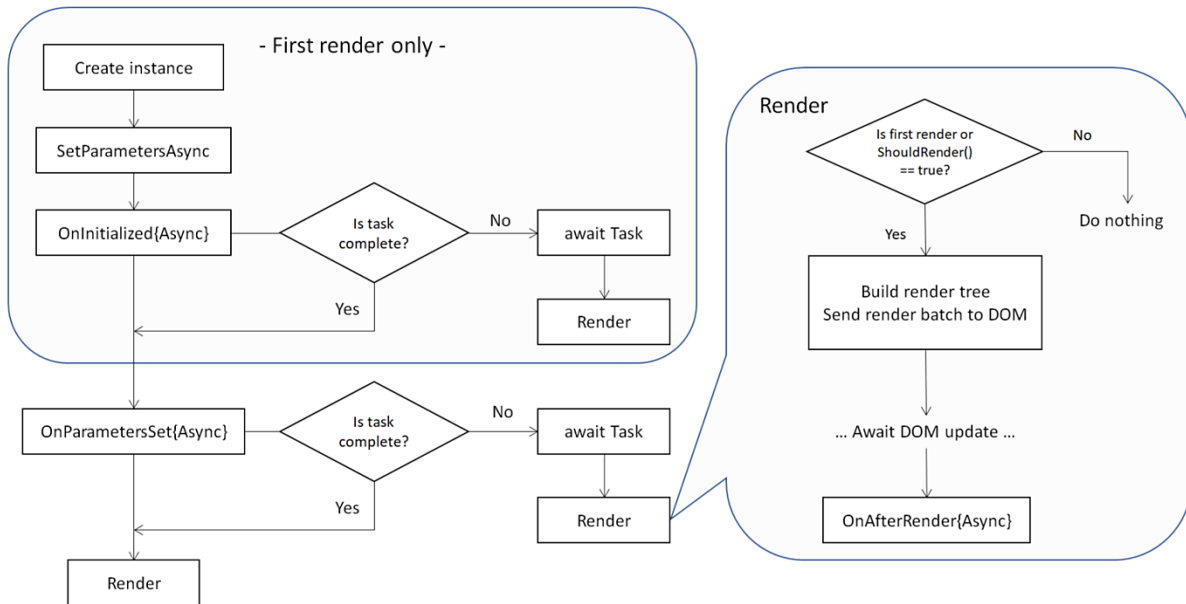
— modal-body

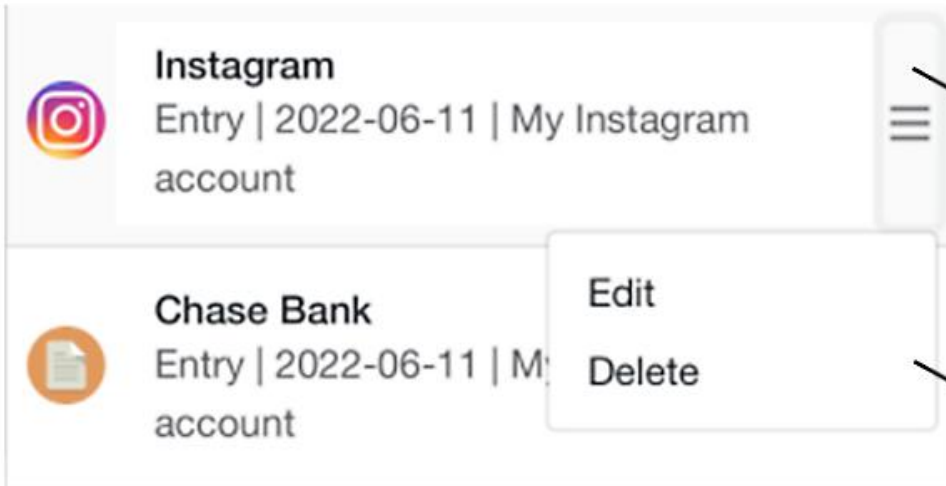


New field



Existing field

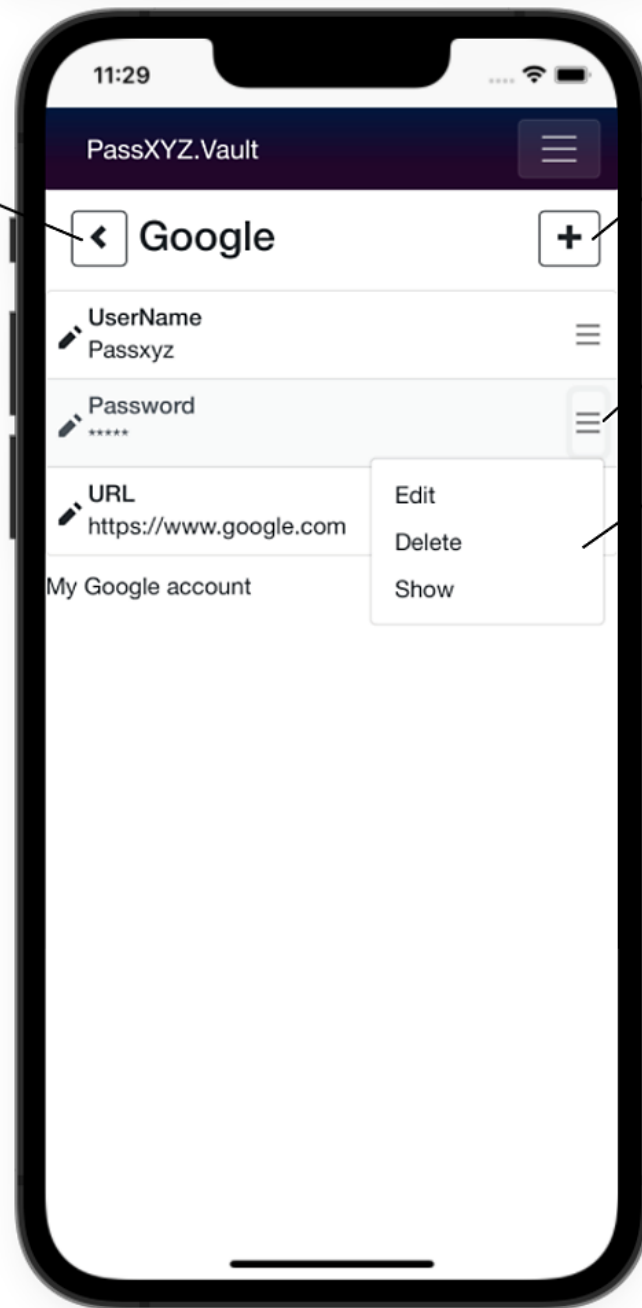




Context
menu

Menu
items

Back button

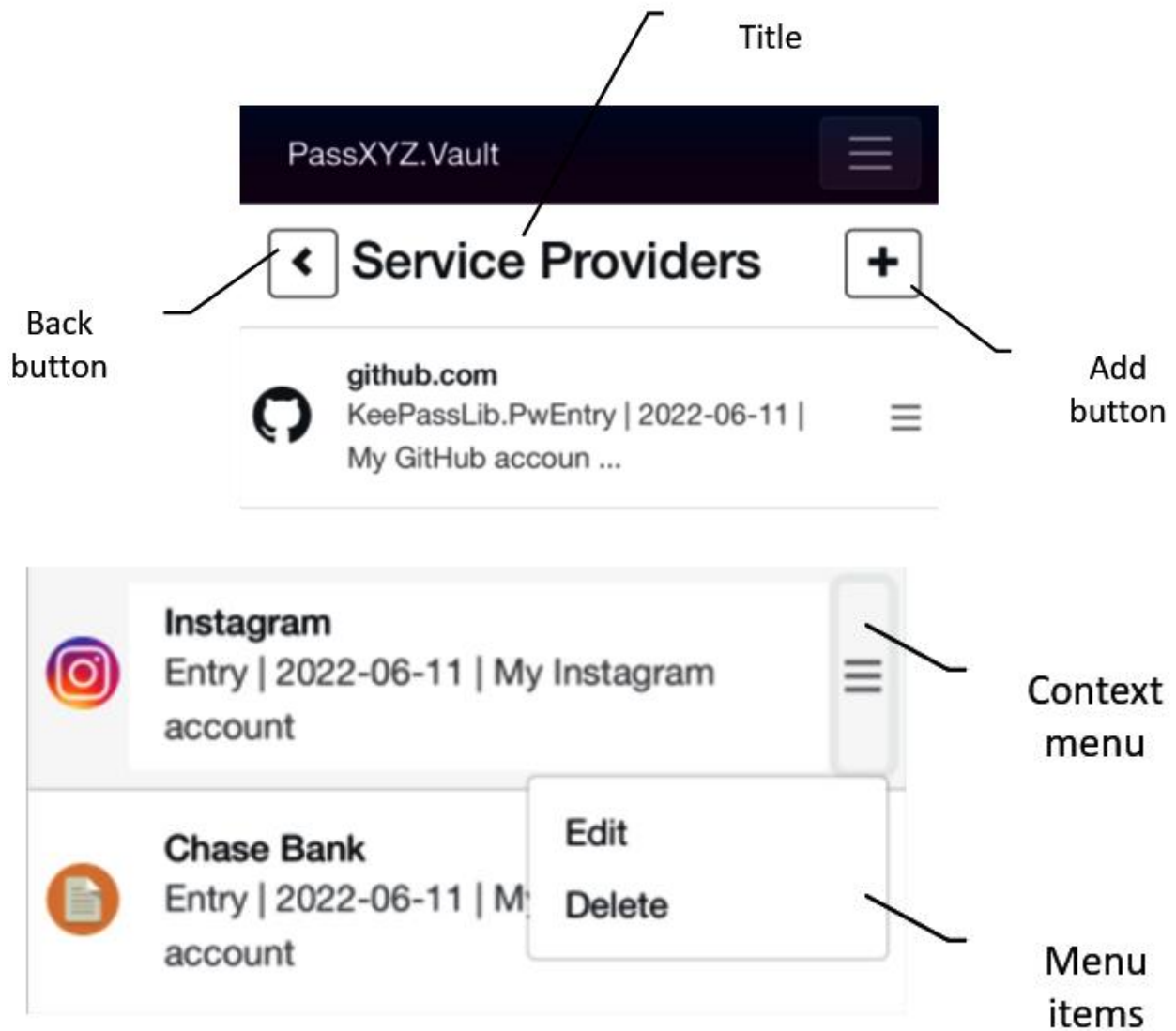


Add button

Context menu

Menu items

Chapter 10: Advanced Topics in Creating Razor Components





Item name

This field cannot be empty.

Entry



Please provide a description

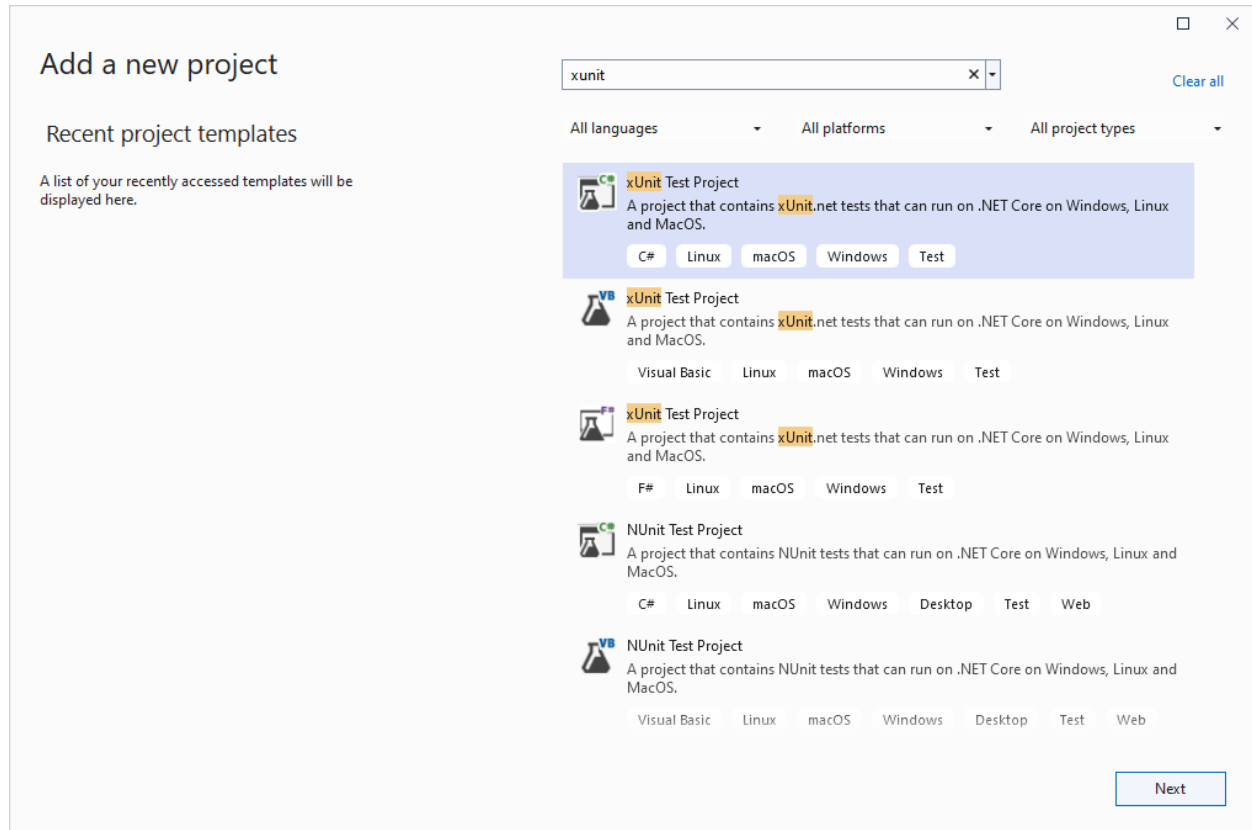


This field cannot be empty.

Cancel

Save

Chapter 11: Developing Unit Tests



Chapter 12: Deploying and Publishing in App Stores

Item	Android	Windows	iOS	macOS
Package format	.apk / .aab	.msix	.ipa	.app / .pkg
Signing	Keystore	signing certificate Package.StoreAssociation.xml	Distribution certificate Distribution profile	
ApplicationId	package ="com.passxyz.vault2"	" Publisher ="CN=F81DB40B-AF4A-473E-ADEA-A55EE7432C05"	<key> CFBundleIdentifier </key> <string>com.passxyz.vault2</string>	
ApplicationVersion	android:versionCode ="1"	Version ="0.3.8.0"	<key> CFBundleVersion </key> <string>2</string>	
Configuration file	AndroidManifest.xml	Package.appxmanifest	Info.plist	

Create App Packages?×

Select distribution method

How will you distribute this application?

☒ Microsoft Store under a new app name

☐ Sideloading [What is sideloading?](#)

☐ Enable automatic updates

Previous

Next

Cancel

Associate Your App with the Microsoft Store

You can associate your app with the Microsoft Store and Visual Studio will automatically download the following values to your local app manifest:

- Package Display Name
- Package Name
- Publisher ID
- Publisher Display Name
- Version

After these values are inserted in the manifest, you can test various purchase and notification scenarios.

To associate your app with the Microsoft Store, you must sign in to your Microsoft Store account with a Microsoft Account (MSA).

[More info about the Microsoft Store and Store association](#)

[Previous](#)[Next](#)[Cancel](#)

Select an app name

Existing app names:

☐ Include app names that already have packages | [Refresh](#)

App Name	Package Identity in the Microsoft Store
PassXYZ.Vault2	None

Reserve a new app name:

Create App Packages

?

×

Select and configure packages

Version:

1

.

1

.

0

.

0

☒ Automatically increment

[How do I use package version numbering?](#)

Publishing profile

<New...>

☐ Include publ

☒ Generate art

Create a new MSIX Publish Profile

×

Configuration

Release | Any CPU

▼

Target Runtime

win10-x86

▼

Self Contained

True

▼

Package Location

bin\Debug\net6.0-windows10.0.19041.0\win10-x64\AppPackage

...

OK

Cancel

Previous

Create

Cancel

Finished creating package

Output location:

D:\src\PassXYZ.Vault2\PassXYZ.Vault\bin\Release\net6.0-windows10.0.19041.0\win10-x86\AppPackages\

Select a target device to run validation:

☒ Local machine

☐ Remote machine:



Test Connection

Package that will be validated:

D:\src\PassXYZ.Vault2\PassXYZ.Vault\bin\Release\net6.0-windows10.0.19041.0\win10-x86\AppPackages\PassXYZ.Vault_0.3.3.0_Test
\PassXYZ.Vault_0.3.3.0_x86.msix

- Validation might take a few minutes or longer depending on the size of your app.
- One or more tests require the app to run in full screen.
- Do not interact with the machine until you see the test results.
- The existing version of your app on the local machine will be removed.

Microsoft Store package upload options:

☐ Automatically submit to the Microsoft Store after Windows App Certification Kit validation.

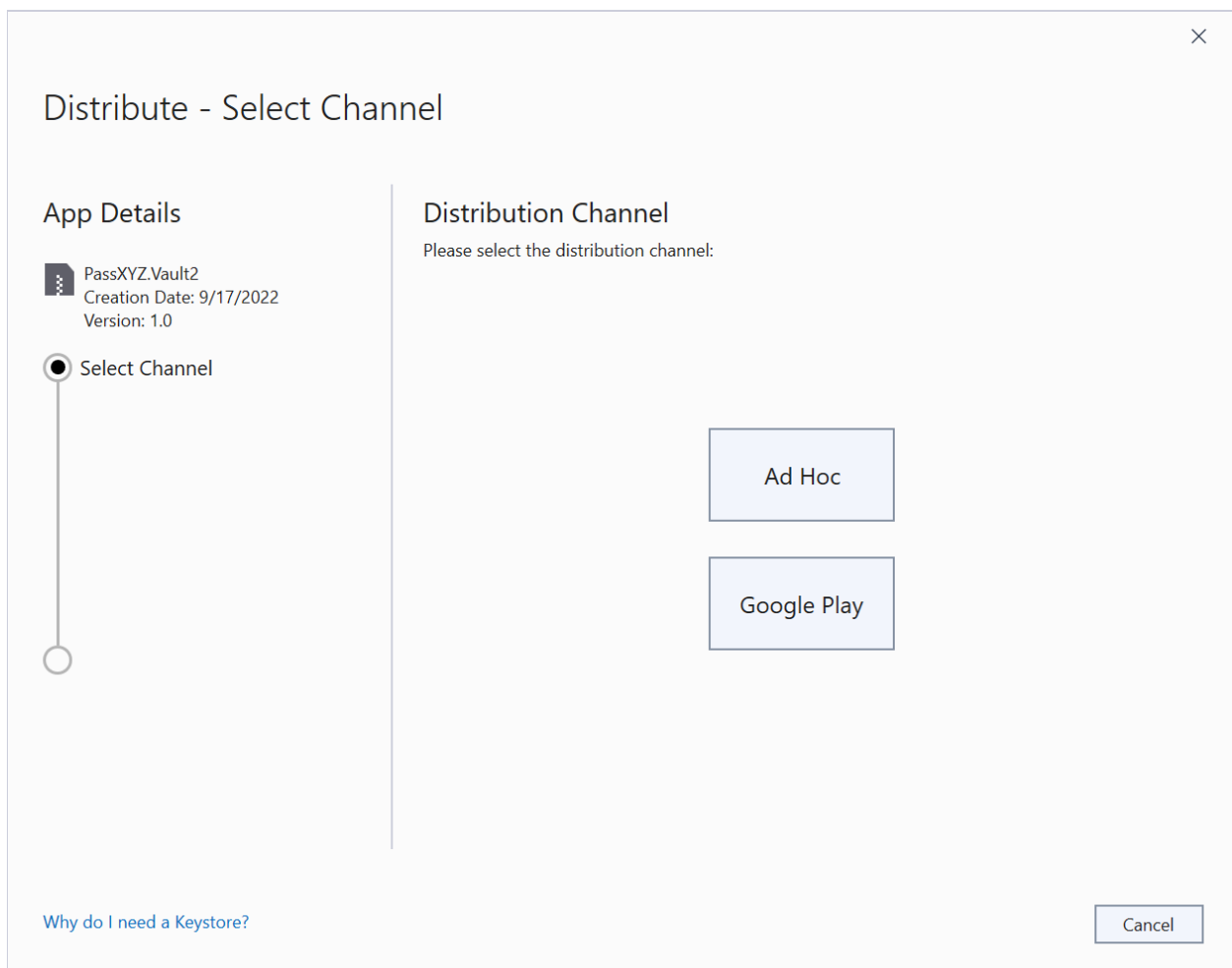
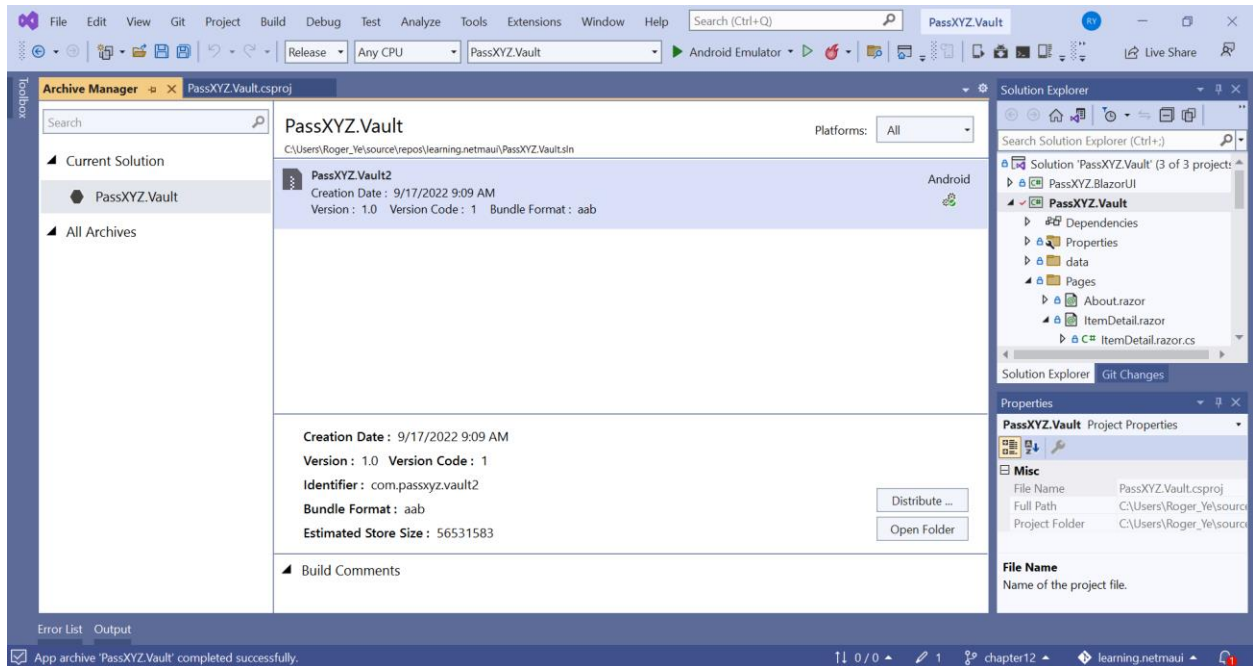
[How do I automate Store submission?](#)

- Running the included sideloading PowerShell script will collect usage data on the device where it's run. For more details, including instructions on how to disable data collection through the registry, please see [here](#).
- To test whether your app complies with the Microsoft Store requirements, select "Launch Windows App Certification Kit."



Launch Windows App Certification Kit

Close



×



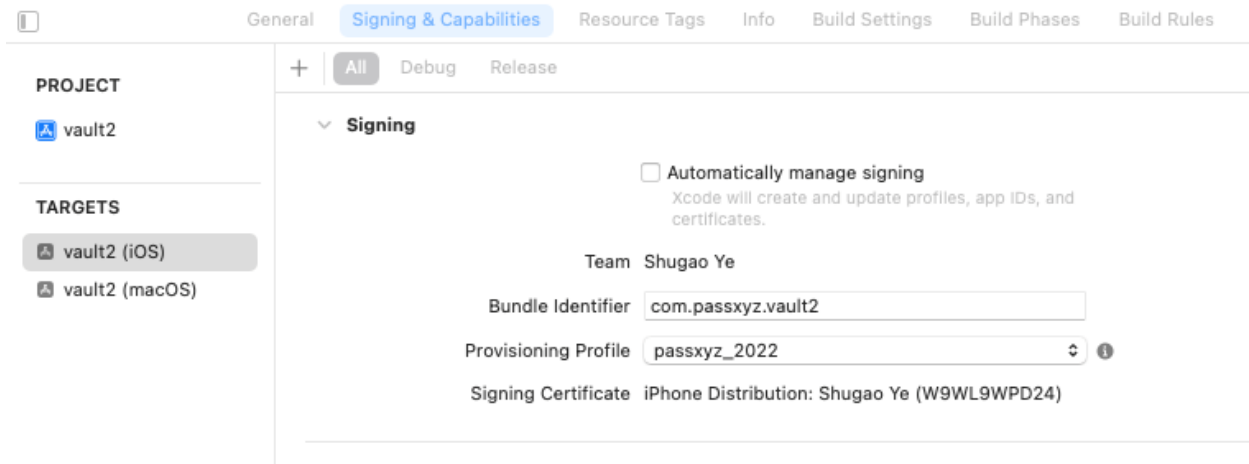
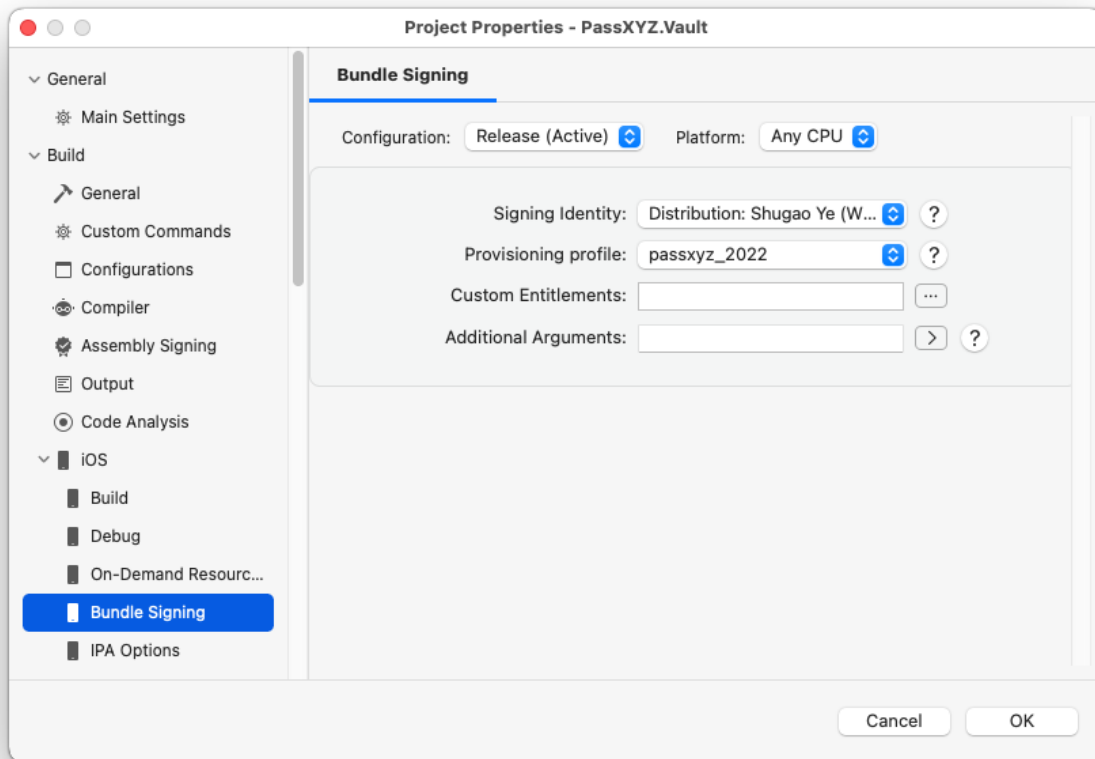
○

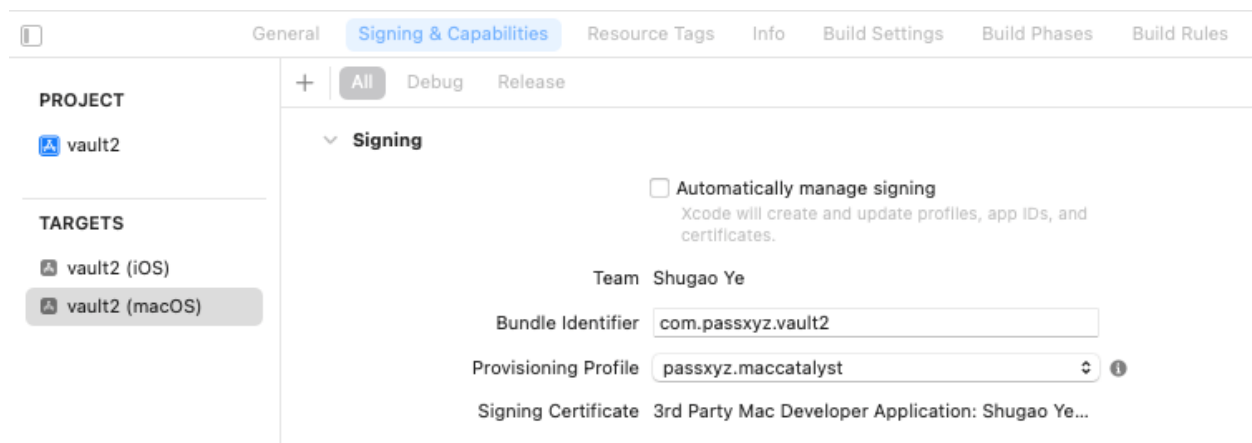
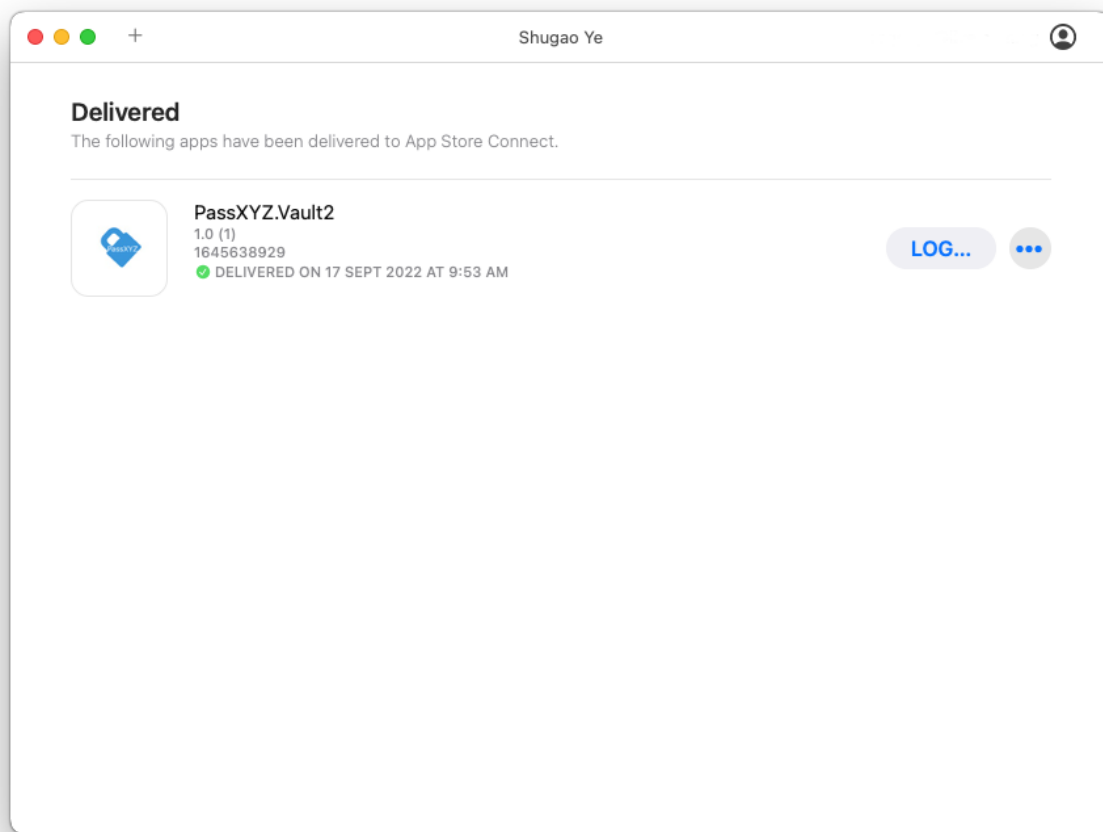
Search

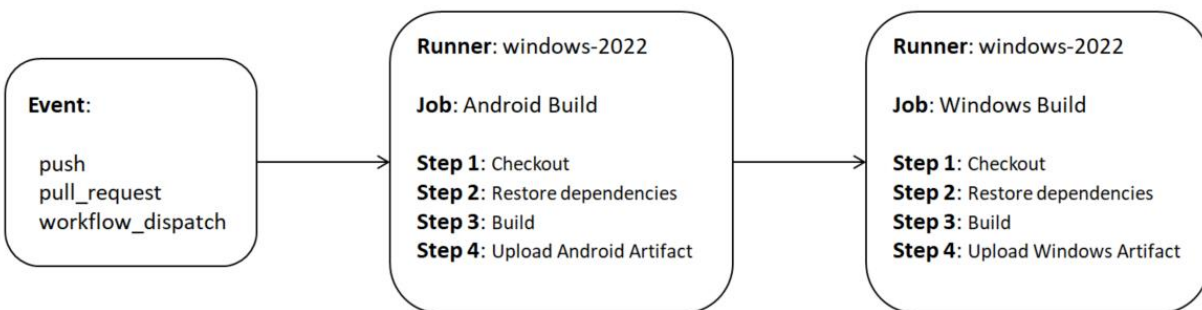
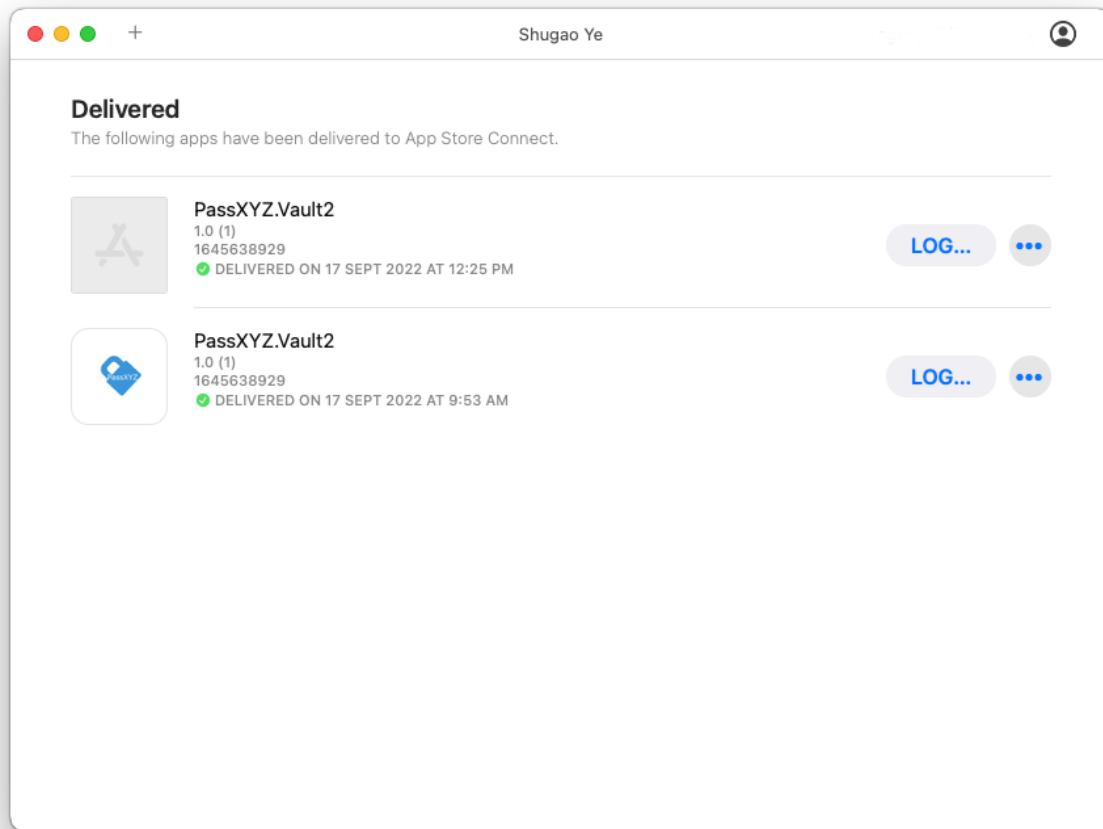
Specify a Time Stamping Authority:

Back

Cancel







shugaoye / PassXYZ.Vault2 Public

 Pin  Watch 1  Fork 1  Star 0

forked from passxyz/Vault2

<> Code

 Pull requests

 Actions

 Projects

 Wiki

 Security

 Insights

 Settings

✓ Updated passxyz-ci-windows.yml PassXYZ.Vault CI Build (MacOS) #4

Re-run all jobs ...

Summary

Jobs

- ✓ iOS Build
- ✓ MacCatalyst Build

Triggered via push 18 days ago

 shugaoye pushed -> 6261287 master

Status

Success

Total duration

7m 4s

Artifacts

2

passxyz-ci-macos.yml

on: push

✓ iOS Build 6m 48s

✓ MacCatalyst Build 5m 0s

Artifacts

Produced during runtime

Name	Size	
 passxyz-ios-ci-build	75.4 MB	
 passxyz-macos-ci-build	14.2 MB	