

Comp306 Lab02 Book Reader

Liping Wu 300-958-061

10/17/2020

Contents

Lab02 Requirements	3
WPF Project Development Environment Set Up.....	4
Create a new project.....	4
Install the following dependencies through the Nuget Package Manager:	4
Install Syncfusion PdfViewer WPF if PDFviewer needed in the application	5
AWS Credential Connection set up	6
AWS Explorer Click new account file	6
Edit App.config to connect AWS account.....	8
UI design.....	8
Login Window	8
BookList Window.....	8
Add a Book Window.....	9
Update a Book Window	9
Code Submission	10
Code Demo Screenshots	10
Login.....	10
My Booklist	11
Add a book	11
UPDATE A BOOK.....	12
Remove a book.....	13
Code Demo Video	14

Lab02 Requirements

simple WPF to let the user in

design a UI as below - You can add delete from my bookshelf option if you like

The screenshot shows a WPF application window titled "Your Bookshelf". It features a "User email:" input field at the top left. To its right are four buttons: "Create table", "Get your book list", "Add snapshot", and "Display snapshot". Below the email field is a "Book Information" section containing five input fields: "ISBN:", "Author 1:", "Author 2:", "Author 3:", and "Title:". The "Author" fields currently contain the text "N/A". Below these fields are two buttons: "Clear" and "Add to my bookshelf". On the right side of the window, there is a large, empty rectangular area labeled "Your Bookshelf" at the top, which appears to be a placeholder for a list or table of books.

Two tables:

bookshelf : this table store book information like ISBN, Author 1 , ...

snapshot - Snapshot here is a table name which store last reading user activity before logout like page # , email address, timestamp. Whenever users login back to system with clicking on Display Snapshot they can find where they have left with book name, page#

You can use following Tutorial which I have uploaded in week 3 also for creating dynamodb programmatically.

<https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/GettingStarted.NET.htm>
|

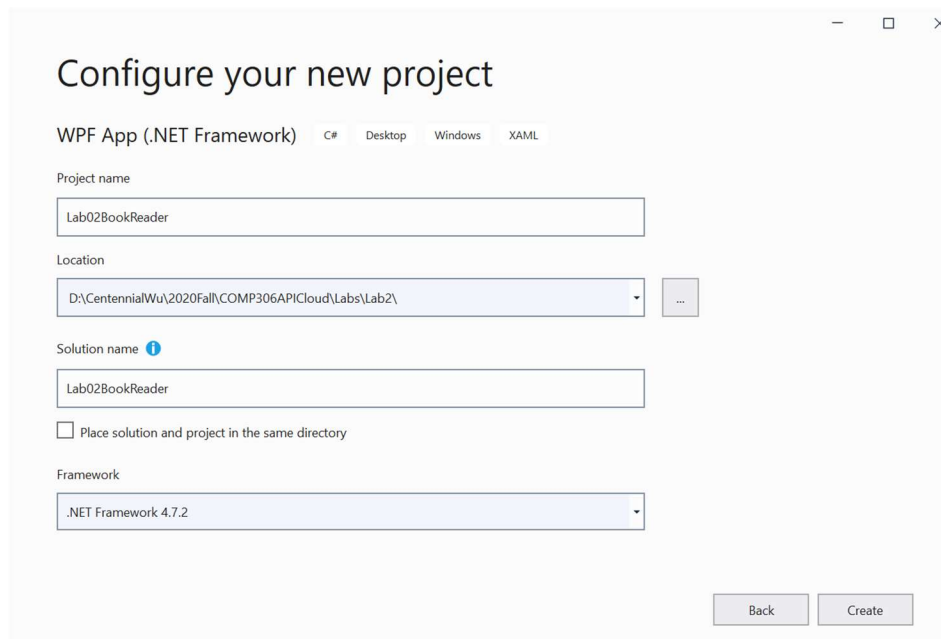
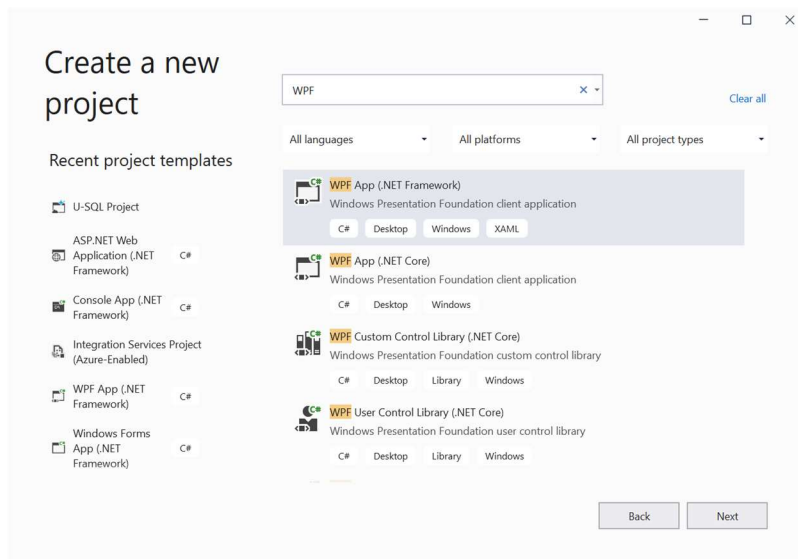
Note 1 : You need to have screen shot from each step in detail + Source Code

Note 2: As a demo take a screen shot from adding book, searching and displaying snapshot, etc as much as information that you can provide. you need to provide as much as information you can; but please ensure shrink your word document before posting to drop box.

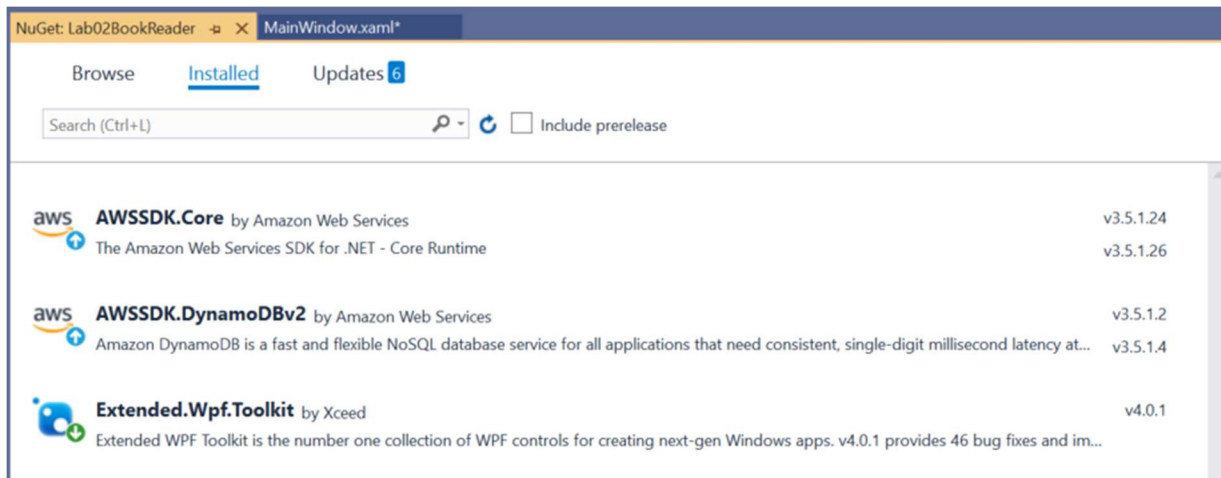
Note 3: deadline for submitting lab 2 is Monday 19 Oct 11:59 with no further extension please manage your time to meet deadline.

WPF Project Development Environment Set Up

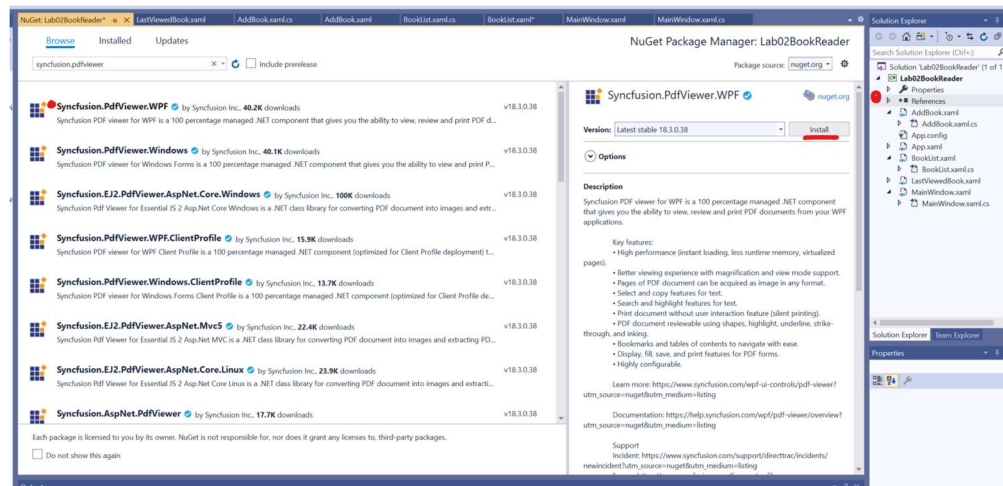
Create a new project



Install the following dependencies through the Nuget Package Manager:

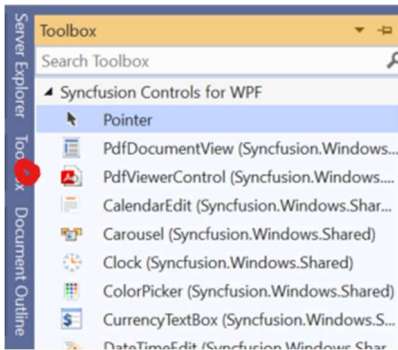


Install Syncfusion PdfViewer WPF if PDFviewer needed in the application



Check the Syncfusion PdfViewer WPF install status

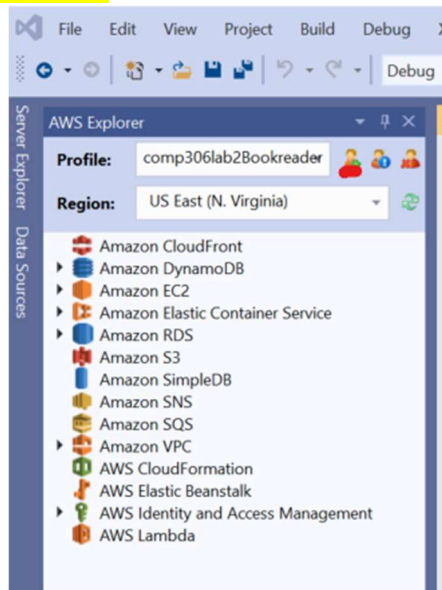


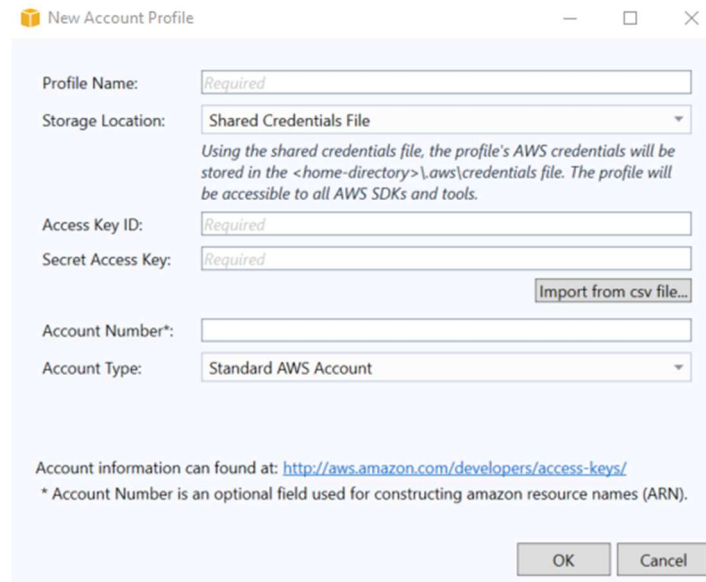


Right click, select “layout”, then select “reset all”

AWS Credential Connection set up

AWS Explorer Click **new account file**





New Account Profile

Profile Name:

Storage Location:

Using the shared credentials file, the profile's AWS credentials will be stored in the <home-directory>\.aws\credentials file. The profile will be accessible to all AWS SDKs and tools.

Access Key ID:

Secret Access Key:

Account Number*:

Account Type:

Account information can found at: <http://aws.amazon.com/developers/access-keys/>

* Account Number is an optional field used for constructing amazon resource names (ARN).

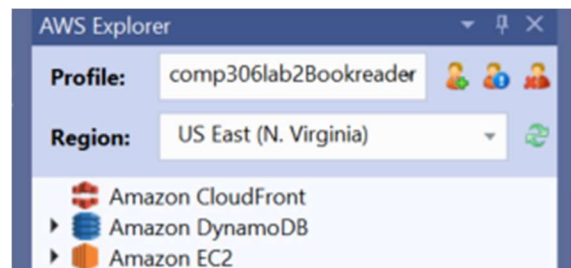
Input:

Profile Name: comp306lab2Bookreader

Region: us-east-1

Import Access Key.

Then got the information as:



Edit App.config to connect AWS account

```
App.config x MainWindow.xaml*
1 <?xml version="1.0" encoding="utf-8" ?>
2 <configuration>
3   <startup>
4     <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.7.2" />
5   </startup>
6   <appSettings>
7     <add key="AWSProfileName" value="comp306lab2Bookreader"/>
8     <add key="AWSRegion" value="us-east-1"/>
9   </appSettings>
10 </configuration>
```

UI design

Login Window

Welcome to Centennial Reading Club

Username

Password

Developed by Liping Wu

BookList Window

Hello

My booklist

My Last Viewed book

Add a book

Update a book

Remove a book

ID	ISBN	Author	Book Title	lastViewPage	LastViewed
----	------	--------	------------	--------------	------------

Add a Book Window

Add a Book

Book Title:

ISBN:

Author:

PDF path:

Clear

Add a Book

Update a Book Window

Update a Book

Book Title:

ISBN:

Author:

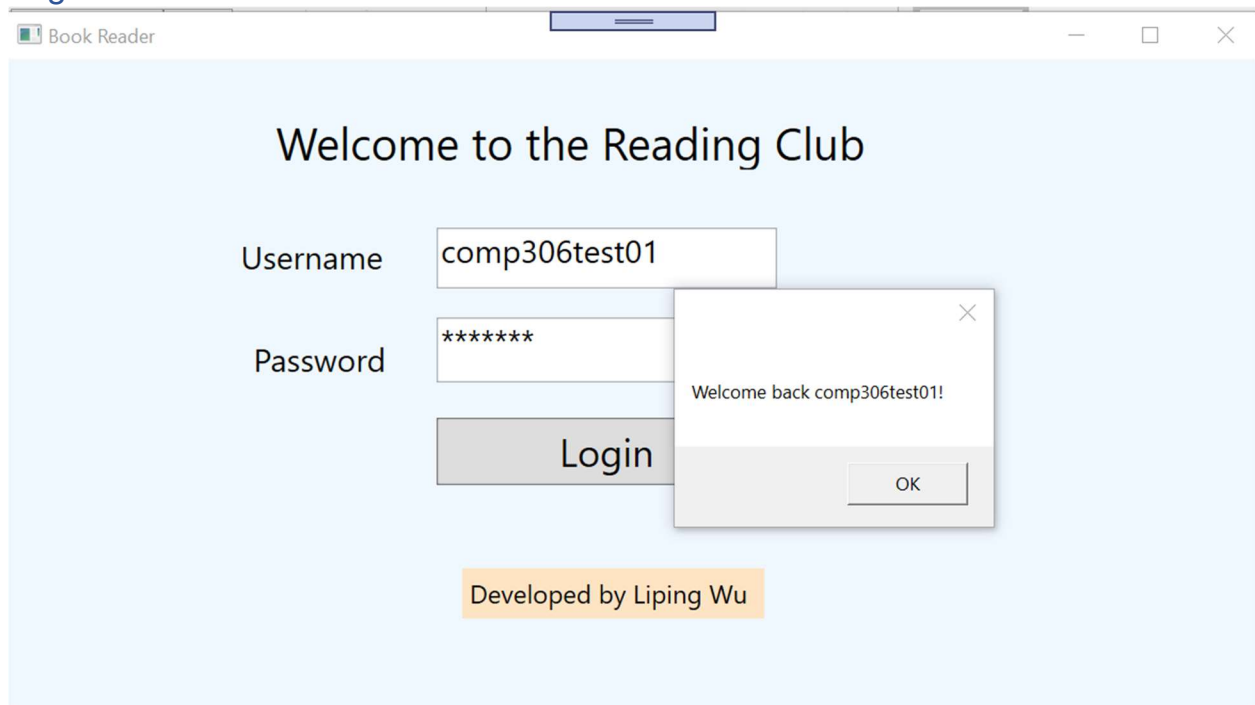
PDF path:

Code Submission

The code details, please see the attached WPF Visual Studio Code: [Lab02BookReader.zip](#)

Code Demo Screenshots

Login



My Booklist

BookList

Hello comp306test01!

My booklist

ID	ISBN	Author	Book Title	lastView	LastViewed
ae8104ea-8b79-4	123456789	liping	Java programming	0	10/17/2020 10:13:19 PM
942471d3-1604-4	py001	Python grandma	Python Programming	20	10/17/2020 10:54:40 PM
94905093-c751-4	da001	database grandma	Advanced database	20	10/17/2020 10:31:05 PM

My Last Viewed book

Add a book

Update a book

Remove a book

Add a book

Add a Book to my booklist

Add a Book

Book Title:

ISBN:

Author:

PDF path:

Clear

Add a Book

BookList

Hello comp306test01!

My booklist

My Last Viewed book

Add a book

Update a book

Remove a book

ID	ISBN	Author	Book Title	lastView	LastViewed
ae8104ea-8b79-4	123456789	liping	Java programming	0	10/17/2020 10:13:19 PM
942471d3-1604-4	py001	Python grandma	Python Programming	20	10/17/2020 10:54:40 PM
94905093-c751-4	da001	database grandma	Advanced database	20	10/17/2020 10:31:05 PM
4b6a8917-6efc-4	cs001	c# boy	c# programming	10	10/17/2020 11:38:43 PM

UPDATE A BOOK

Update a Book to my booklist

Update a Book

Book Title:

ISBN:

Author:

PDF path:

Suppose each update, the reader read 10 pages to each time.

Hello comp306test01!

My booklist

ID	ISBN	Author	Book Title	lastView	LastViewed	
ae8104ea-8b79-4	123456789	liping	Java programming	0	10/17/2020 10:13:19 PM	
942471d3-1604-4	py001	Python grandma	Python Programming	20	10/17/2020 10:54:40 PM	
94905093-c751-4	da001	database grandma	Advanced database	20	10/17/2020 10:31:05 PM	
4b6a8917-6efc-4!	cs001	c# girl	c# programming	10	10/17/2020 11:40:19 PM	

My Last Viewed book

Add a book

Update a book

Remove a book

Remove a book

BookList

Hello comp306test01!

My booklist

ID	ISBN	Author	Book Title	lastView	LastViewed	
ae8104ea-8b79-4	123456789	liping	Java programming	0	10/17/2020 10:13:19 PM	
942471d3-1604-4	py001	Python grandma	Python Programming	20	10/17/2020 10:54:40 PM	
94905093-c751-4	da001	database grandma	Advanced database	20	10/17/2020 10:31:05 PM	
4b6a8917-6efc-4!	cs001	c# girl	c# programming	10	10/17/2020 11:40:19 PM	

My Last Viewed book

Add a book

Update a book

Remove a book

current selected book c# programming

OK

Hello comp306test01!

My booklist

ID	ISBN	Author	Book Title	lastView	LastViewed	
ae8104ea-8b79-4	123456789	liping	Java programming	0	10/17/2020 10:13:19 PM	
942471d3-1604-4	py001	Python grandma	Python Programming	20	10/17/2020 10:54:40 PM	
94905093-c751-4	da001	database grandma	Advanced database	20	10/17/2020 10:31:05 PM	

My Last Viewed book

Add a book

Update a book

Remove a book

Code Demo Video

Please see the attached the video