Novel Cloud Bookstore - Setup Guide

60-422: Agile Software Development

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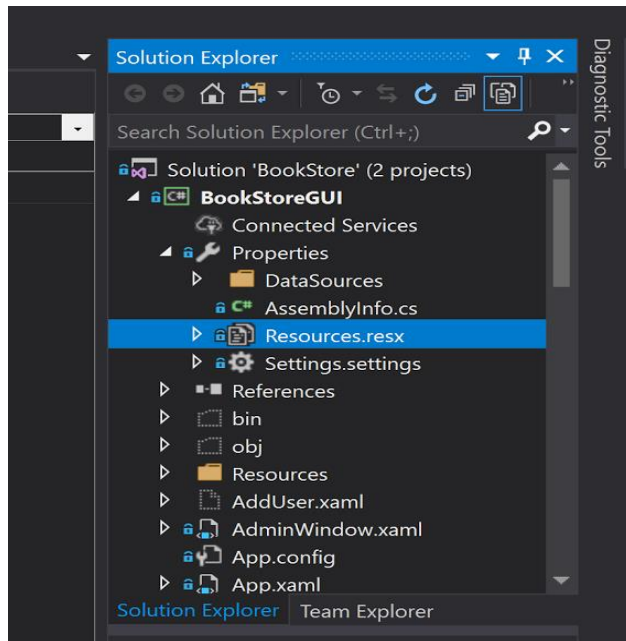Sanchay Chawla (104103199)

VPN Usage for Off-Campus Access

If the application is to be used off the University of Windsor campus network, it is essential to use the **Shrew Soft VPN Client** and enable a tunnel to the campus network. This VPN client is available for download from UWin Software Depot.

This is due to that fact that the Novel Cloud Bookstore application is configured with a Microsoft SQL Server database connection to the campus TFS server, rather than using a local database or another data solution. As you can imagine, if the application is used while connected to the campus network, there is no need to run the VPN client.
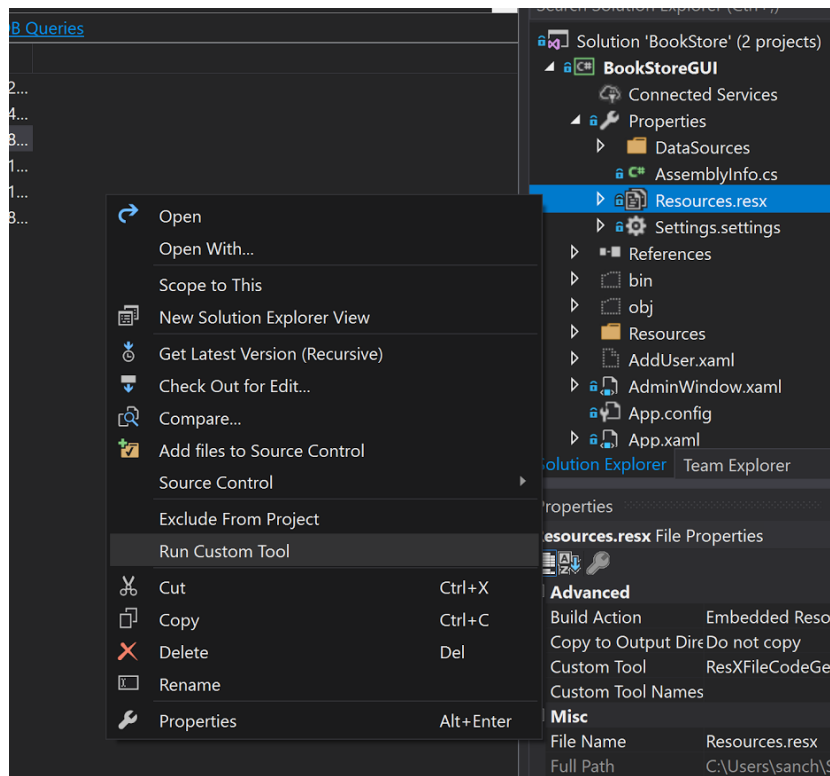
Issues with Resources.resx file

After loading the BookStore solution onto visual studio you may be faced with a Resources.resx error, this occurs due to issues in generating the resx file.
To resolve this issue, simply navigate to Properties/Resources.resx file under your solution explorer in BookStoreGUI as shown below:
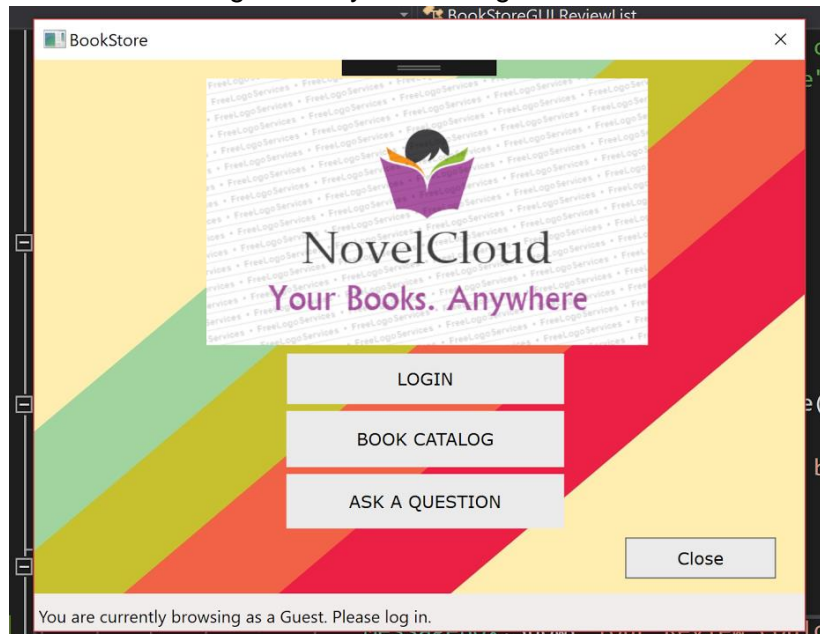

Right-click on the Resources.rex file and choose run custom tool (as shown below). Re-build solution and everything will work just fine.
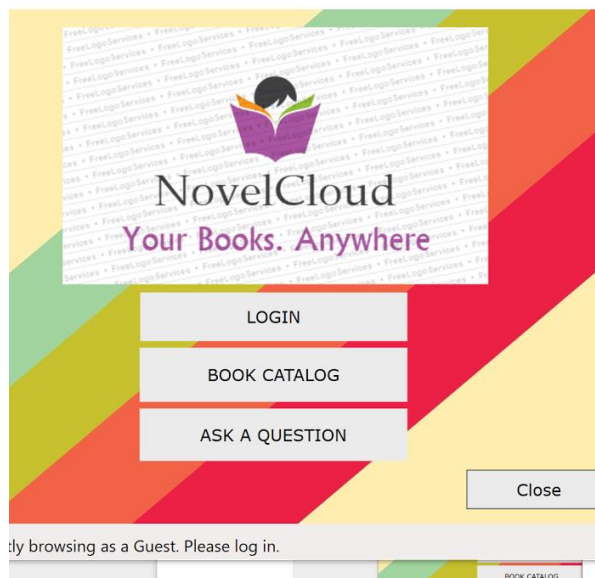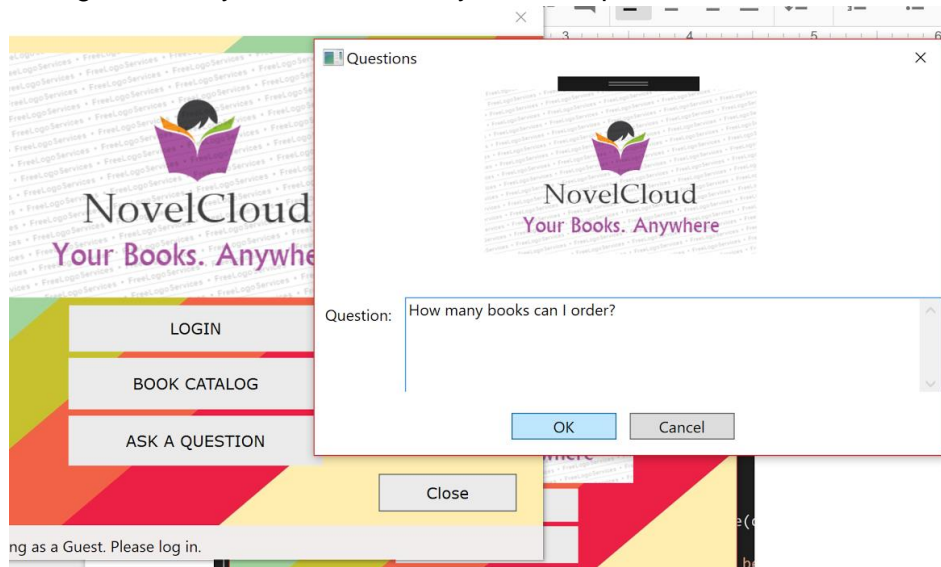
Features in Use

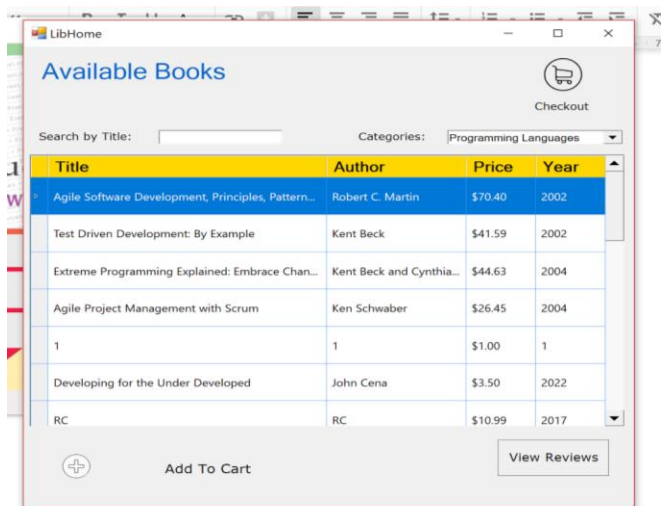This is the landing screen you will be greeted with.
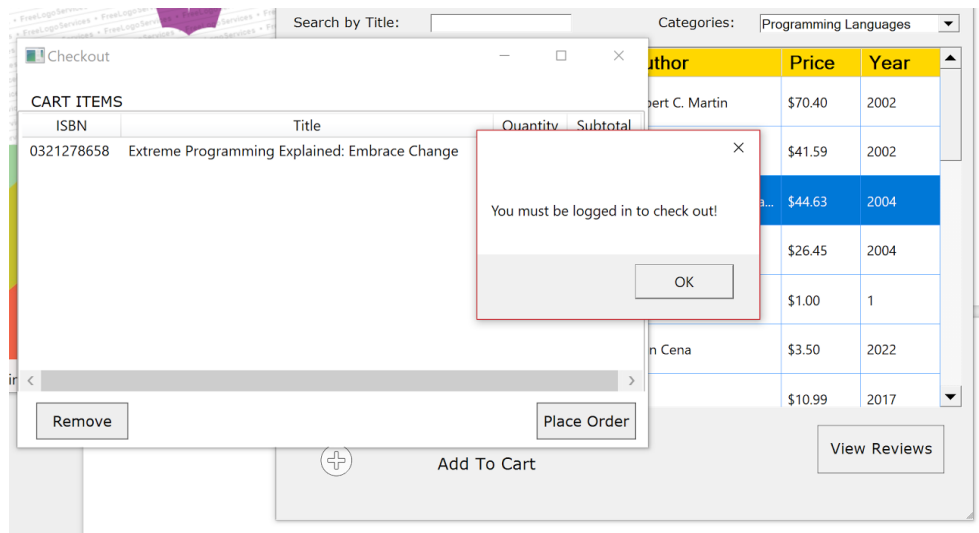
Guest Features
As a guest user you have the ability to ask a question

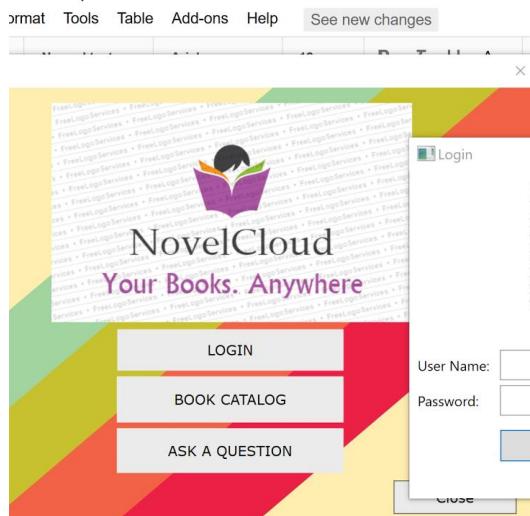As a guest you can view the book catalog, add books & view reviews.

As a guest, you cannot add reviews or checkout without membership (must have login credentials). If you try to do so you will be prompted with error messages in message boxes as shown below.

Login Page

On the login page you are asked for login credentials, however if you do not have any you may register as a new user (also provided in a new window).
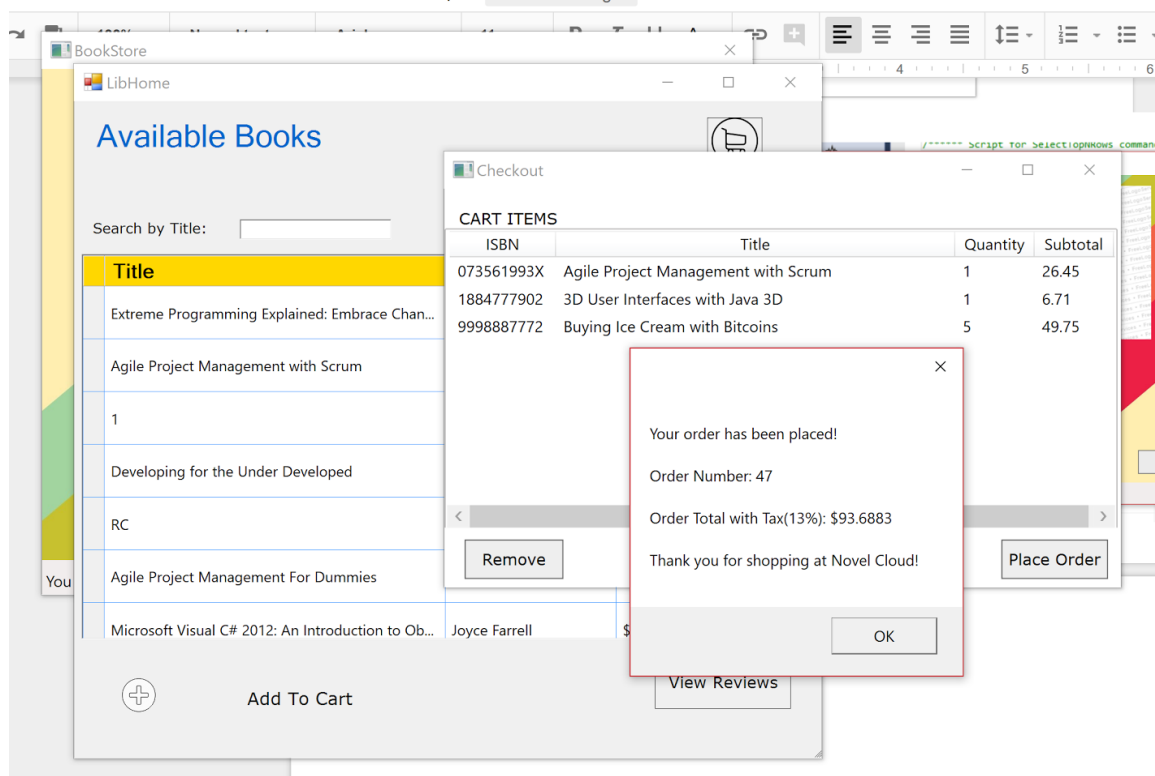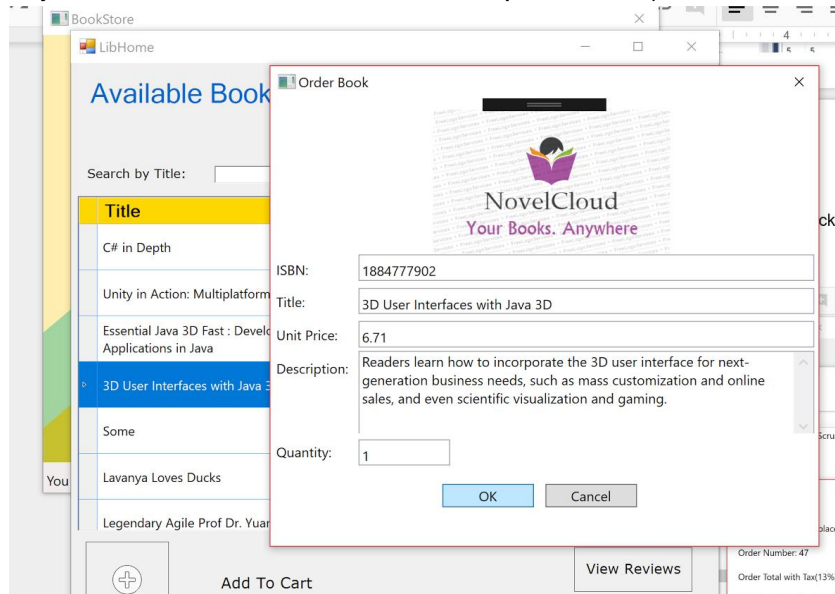

Member View & Features

Once you have logged in, your landing page is updated, it reflects your name, as well as logout functionality.
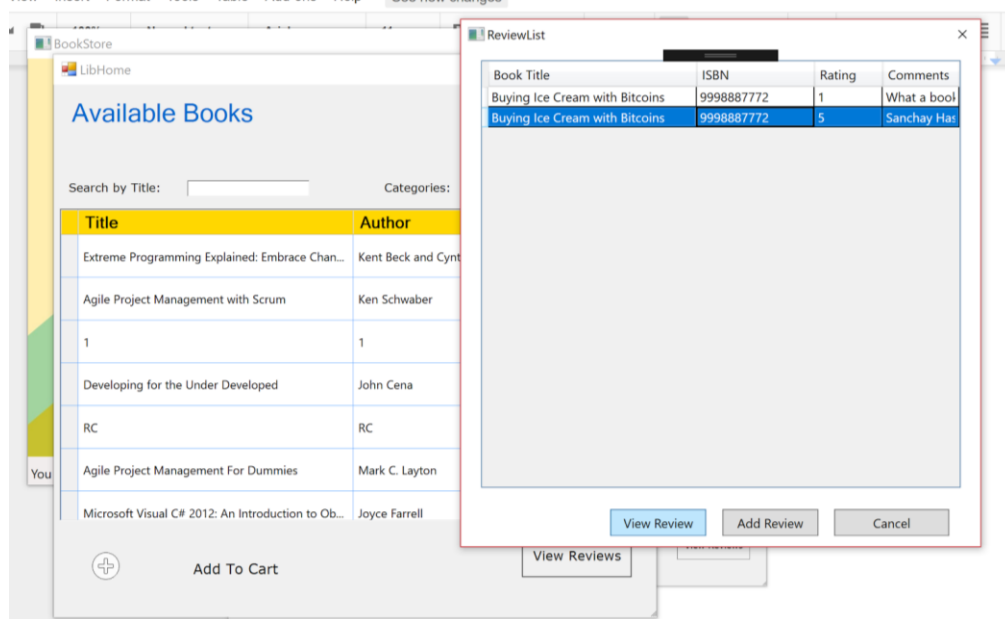
As a member you can add books to your cart, ask a question to the developers, view reviews, add reviews and you can place an order.
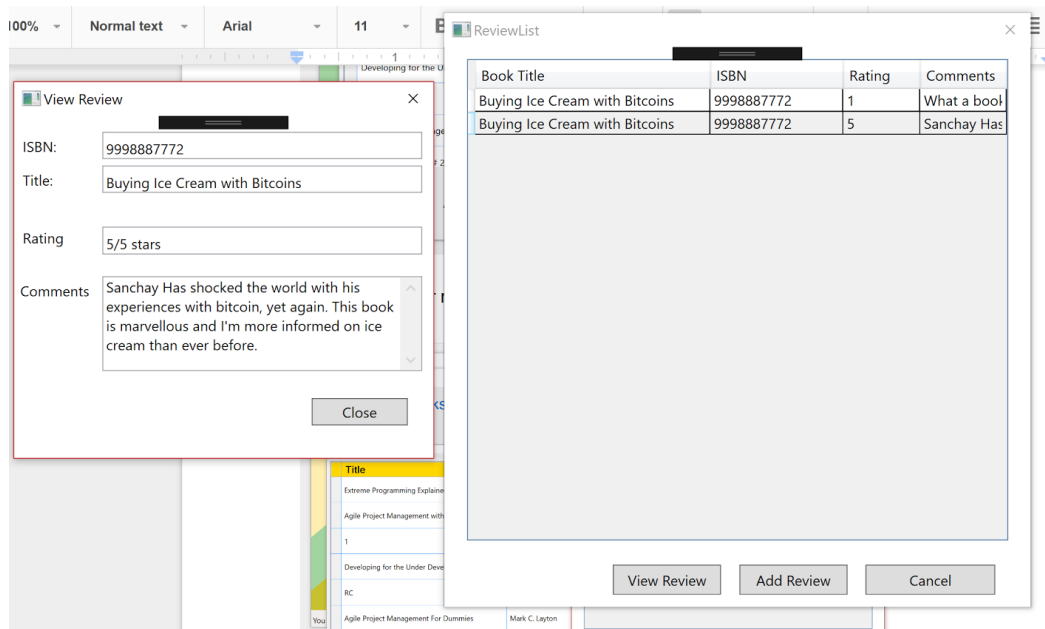
Here is an example of placing an order (Add items to cart, click checkout, make final adjustments on checkout window and place order):

To check out user reviews, click the view reviews button and you will be displayed the view reviews screen:
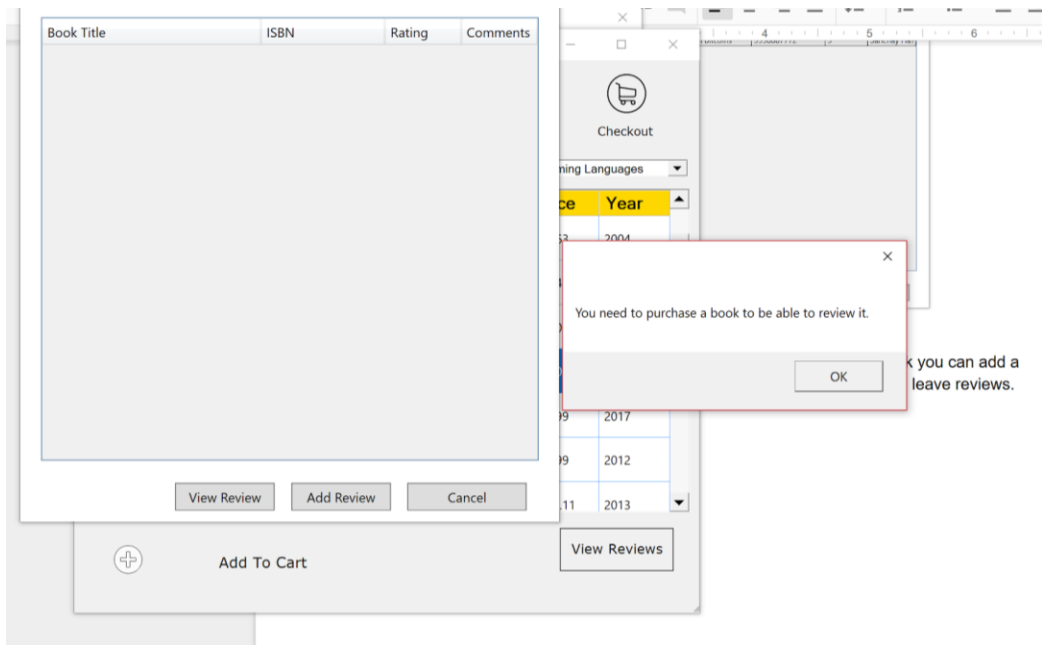

Select the specific review you want to see and click view review to see the full review as shown below:
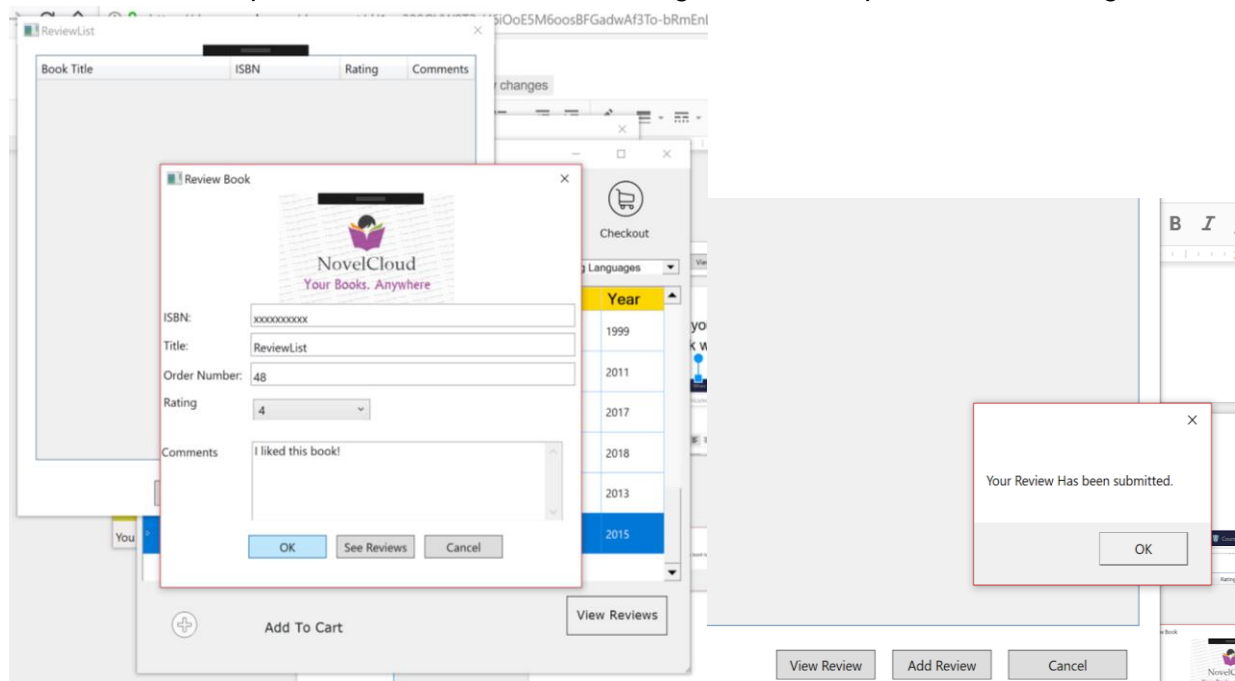

Some books may not have reviews yet, as long as you have purchased the book you can add a review for it, if you have not purchased the book we do not allow for users to leave reviews.

Error displayed if you have not purchased the book.

Here the user has purchased the book and is adding a review, response shown on right.
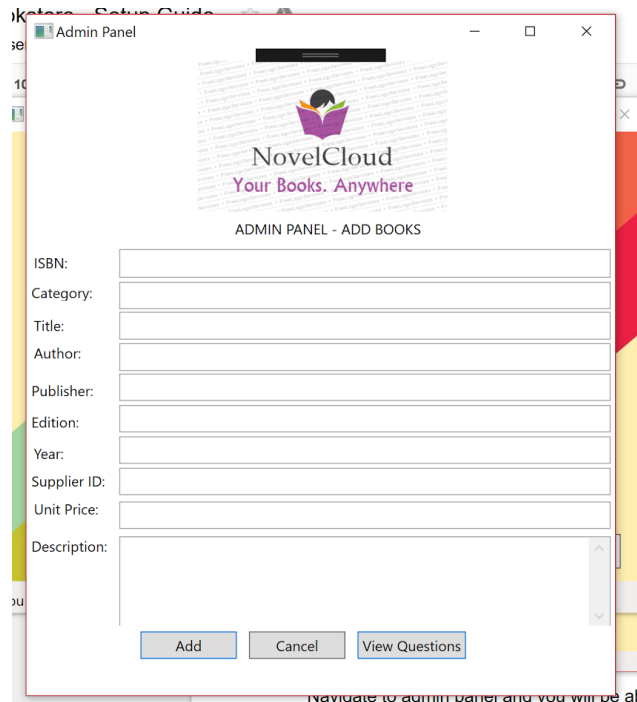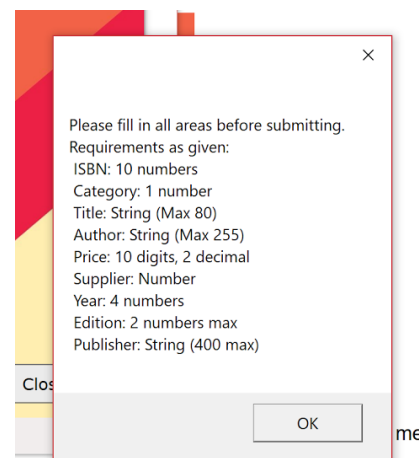
Admin Features

When you login as an admin (username: chawl113 password: sc9464), you will be presented with the following updated landing page.

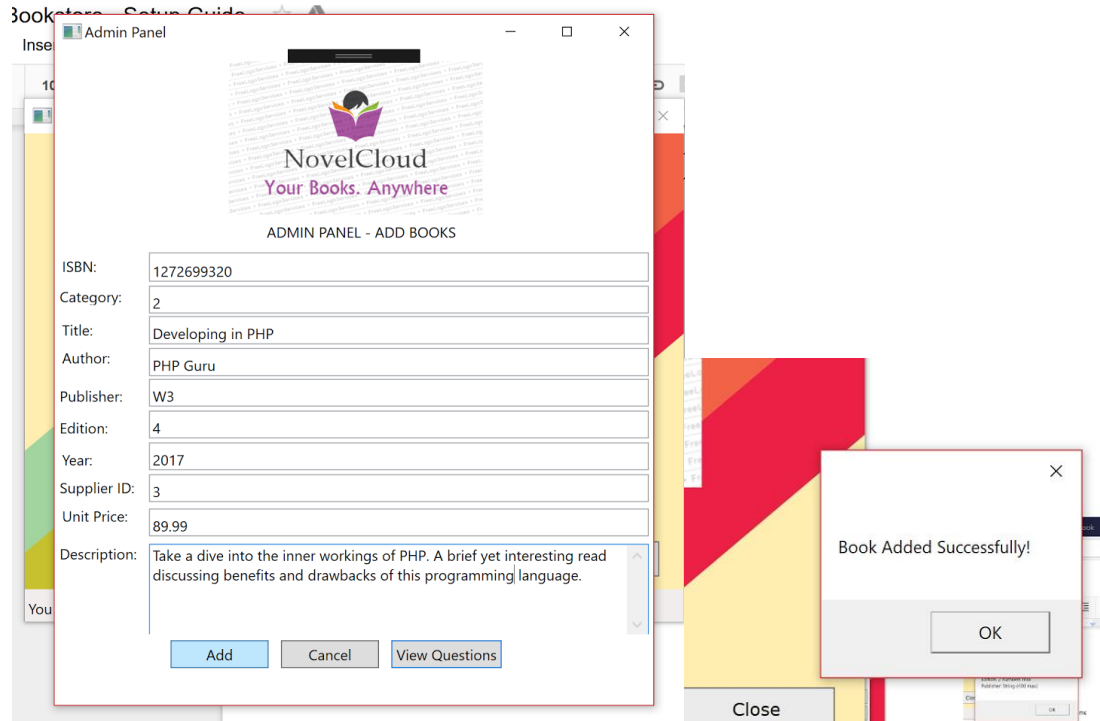Navigate to admin panel and you will be able to add a new book and view the questions sent by users.

When adding a book make sure all fields are filled and requirements are met. If not the following prompt will be displayed ->
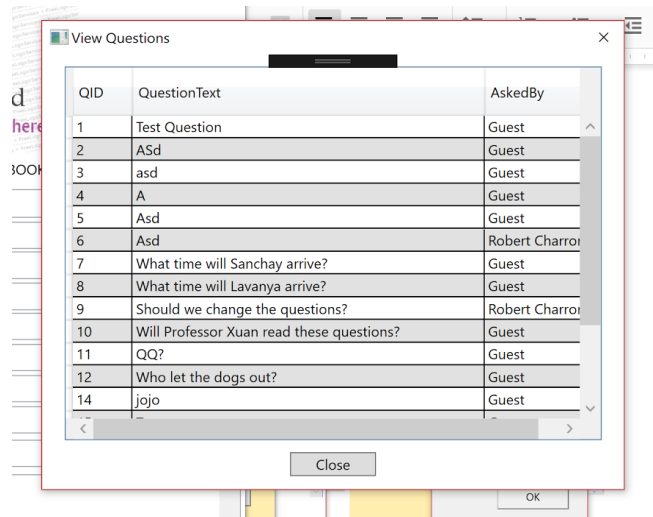
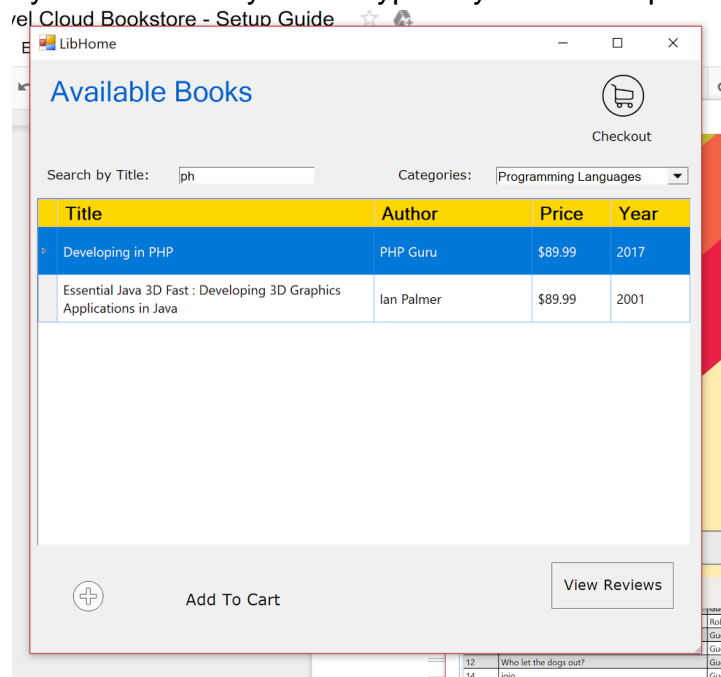Here is an example of adding a new book: (response on right)

The admin can also view all the questions posted by the users by clicking the view questions button in the admin window.

Book Catalog Search and Category Features

Here you can see the search function works with any title, and you don't have to search by the first word you can type any and corresponding results will be shown.

This shows the category function working properly after porting to Windows forms.