Note to self don’t wait a year between coding sessions.

I is reserved for interface: but since I never use them when I code. I forgot. (or assumed apple)

As I have seen over the past 2 weeks of coding my skills are not there specifically Constructors,eventargs,backgroundworker,httpLisener, the list goes on.

Constructor the JavaScriptSerializer need a constructor with no variables and public data variables. Which I missed.

Walked strait into the same name and author different price trap. Because of search. Cunning bastard indeed.

Did not do Nunit test since they did not work with async(have to look into it). Hence commented out.

Download json file and put in project mocking done. (missed that)

Really need to look into unit test with moq.

There is an android version and a windows version. Using the backend folder. (different json converter) so have to fix constructor problem in that one to.

And I always comment out code until I am sure I know what I am doing. (hard lesson, I never know)

The entire Convert in decodejson has been deleted, because of the constructor problem.

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Code test: runnning commentrary

Installed visual studio 2015()..

Created project

Installed nugget unit test.

Never worked with Json.

Added interfaces under backend

Added reference for webclient.

Built sync for webclient to download code decodejson.cs -> downloadjson.

Built unit test, download works.

Added decode json [JavaScriptSerializer()](https://msdn.microsoft.com/en-us/library/bb302399(v=vs.110).aspx) decodejson.cs -> decodejson.

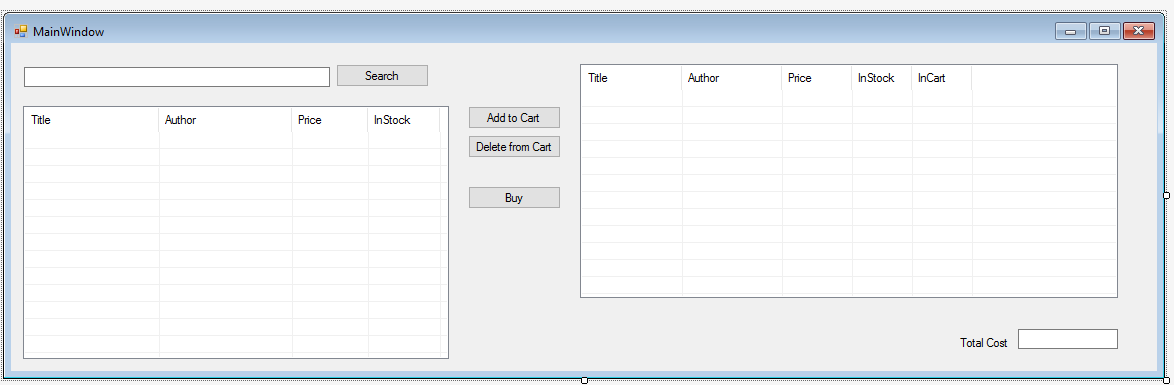
Added ibook and Ibooks classes just to fix [JavaScriptSerializer()](https://msdn.microsoft.com/en-us/library/bb302399(v=vs.110).aspx) to decode structure of json

Built test.

Added the communications with interface(backend.IbookstoreService.cs) and task.

added async download of task. backend.Class.IbookStoreServices.cs

built frontend MainWindow.cs added and named everything.



Started with the search button: built the listview interface. Multi select off.

Added the search function to backend.Class.IbookStoreServices.cs

Next “add to cart” button: built the Listview interface.

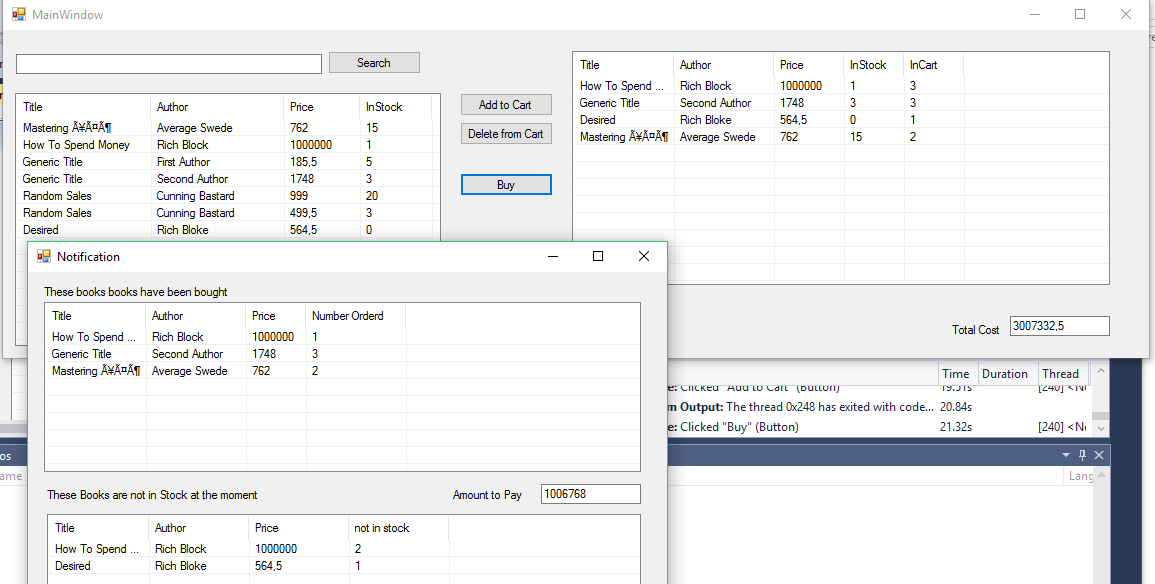
Select one LVsearch and hit it button and it shows up in LVCART.

Added the totalcost of LVCart.

Added method to Ibookwithinterface for adding subtracting books in cart

Next added “Delete From Cart” button. Select one in LVCART and delete it.

Next added Buy button. Created Notification.cs window



Create shoppingcart.cs and pass object to Notification form on creation

Above picture show how code for notification works it’s all in the loading of the page.

Notes: after MainWindows.cs just wrote the code down.

nothing was mention of in what format codetest was in more than WPF or ASP.Net, etc, etc

said focus on backend so just made two forms.

The total cost is calculated in the forms.(frontend) but info is in backend.

Think in Notification. there are two methods that need to be moved to Shoppingcart.cs. And renamed to better names. They calculate in which listview books are displayed in notification.cs

18 hours of coding: I am a slow coder.

**TODO:**

Move methods from Notification.cs to static methods in shoppingcart**. Done;**

TotalCost needs to be moved to backend. And methods created for it.

Create a Class Library. and dump backend into it to create a DLL file, so the frontend can be changed easier.

Fix all the fun spelling errors

Fix all the Private,Public,internal delerations.

**Move everything that is not directly interfacing with Listview and textboxes in MainWindows.CS , TO a static methods Class…. FIXED**

UPDATES:

There is now a Xamarin android project that uses the backendcode of this project.

https://github.com/xardalodin/AndBookStore