



GT BOOKSWAP WEB APP

Customer Delivery Document



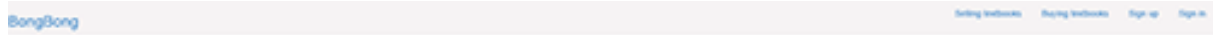
DECEMBER 7, 2014

BONG BONG COMPANY

Release Notes

Version: 1.0

Release Date: Oct 11.2014



● Enhancements & Features

- No visible features or enhancements implemented

● Status

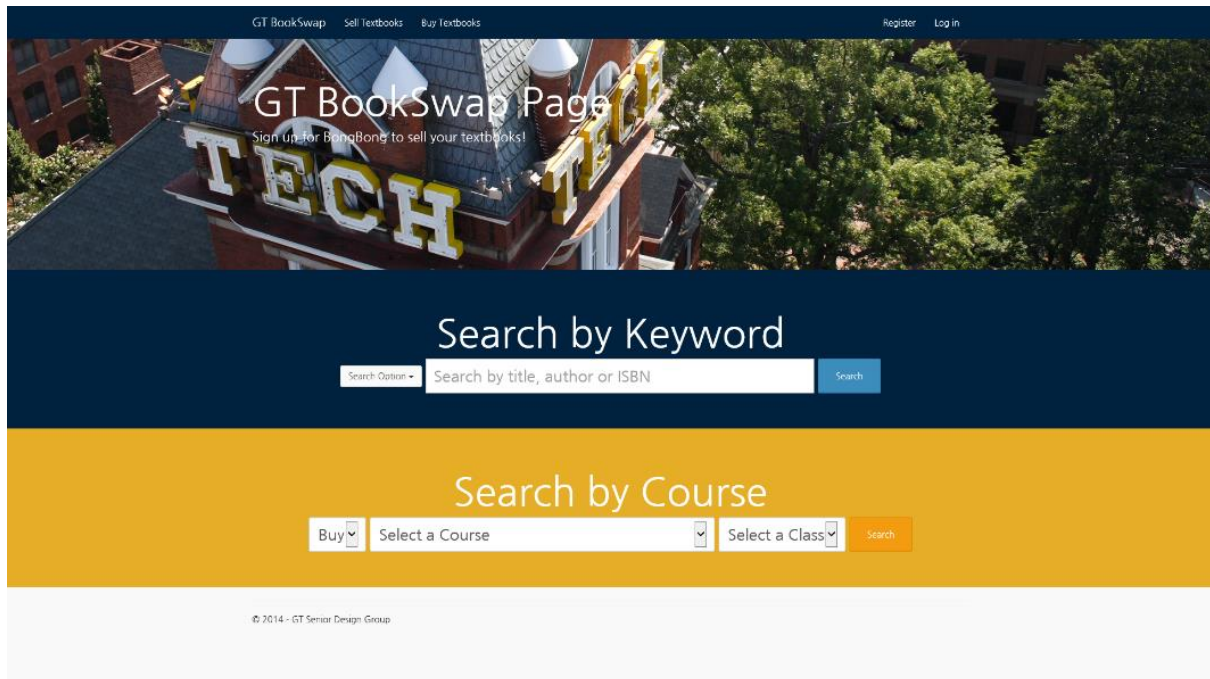
- Customized HTML5 Web application on a localhost

● Known Bugs

1. When there is a change to code, the project might be detected as inactive by the localhost.
 - When there is a code change, the localhost cannot detect the modified version and the Web application will remain the same as the previous one. This then requires a change of port number for the Web application project.
2. IE8 does not support the Twitter Bootstrap.
 - The Web application perfectly works in all required browsers except in IE8.

Version: 2.0

Release Date: Nov 11.2014



● Enhancements & Features

1. To add registered user features
 - My page
 - Posting
2. Different types of search options
 - Search by keyword (Title / Author)
 - Search by GT courses
3. GT Textbooks data
 - The textbook data is only raw and will need further analysis.

● Status

- Built a Web application in ASP.NET MVC5 (Razor)
- Used Bootstrap 3 for developing a responsive view and mobile first projects on the web.

● Known Bugs

1. No Internet connectivity
 - Enabling IIS Express support in Microsoft Visual Studio 2013 is required.
2. Accessing data with ASP.NET
 - Web application does not store user data into database in HTML5.
 - Web application does not display the data that comes from a relational database (SQL). To bind a control to data from a database, we must use the LinqDataSource and SqlDataSource controls.
3. JQuery cascading drop-down plugin problem
 - When the user manipulates the dropdown, the original plugin does not call the change event.
4. Redirecting problems
 - To make a redirection to another web page, we need to configure the connectivity between the original web page and a new web page.

Version: 3.0

Release Date: Dec 01.2014



● **Enhancements & Features**

1. Google Book Search in ASP.NET
 - Enabled ISBN search
 - A list of images for all textbooks that are available
2. Adding registered user features
 - Bookmark
3. Content Management System using ASP.NET Identity
 - Login and manage a Web application as an Admin
4. Responsive web design Testing
 - Cross Brower Testing (IE, Firefox, Chrome)

● **Status**

- Built an ASP.NET Web application on IIS
- Connected with Google Books API in ASP.NET
- Developed Mobile Web Application

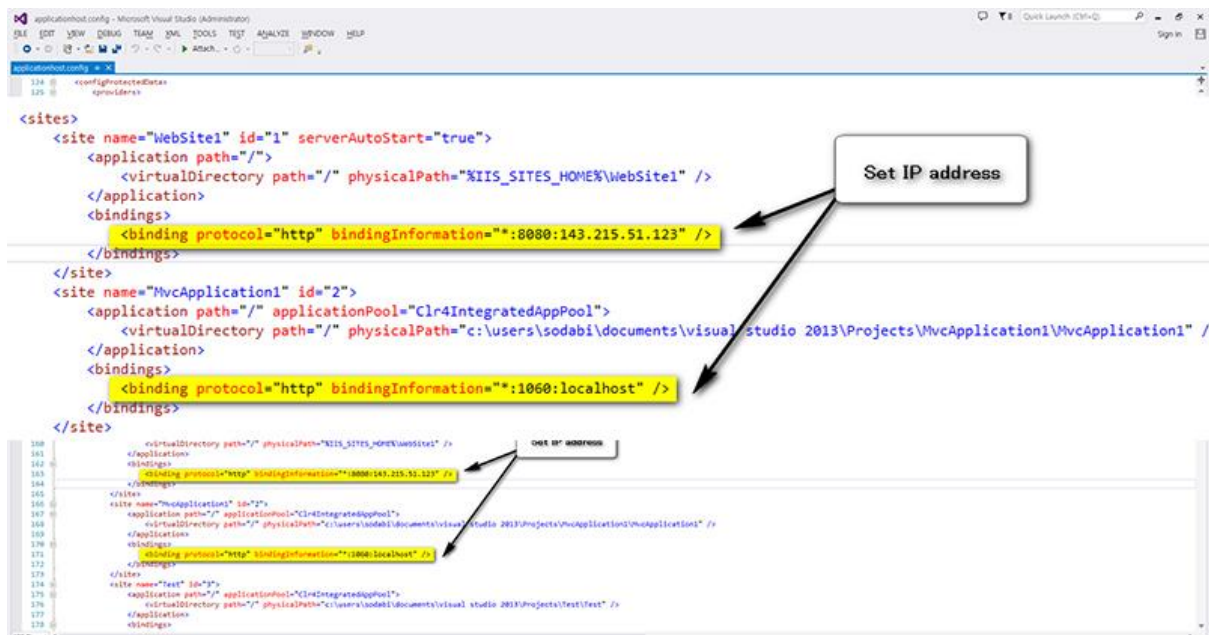
● Known Bugs

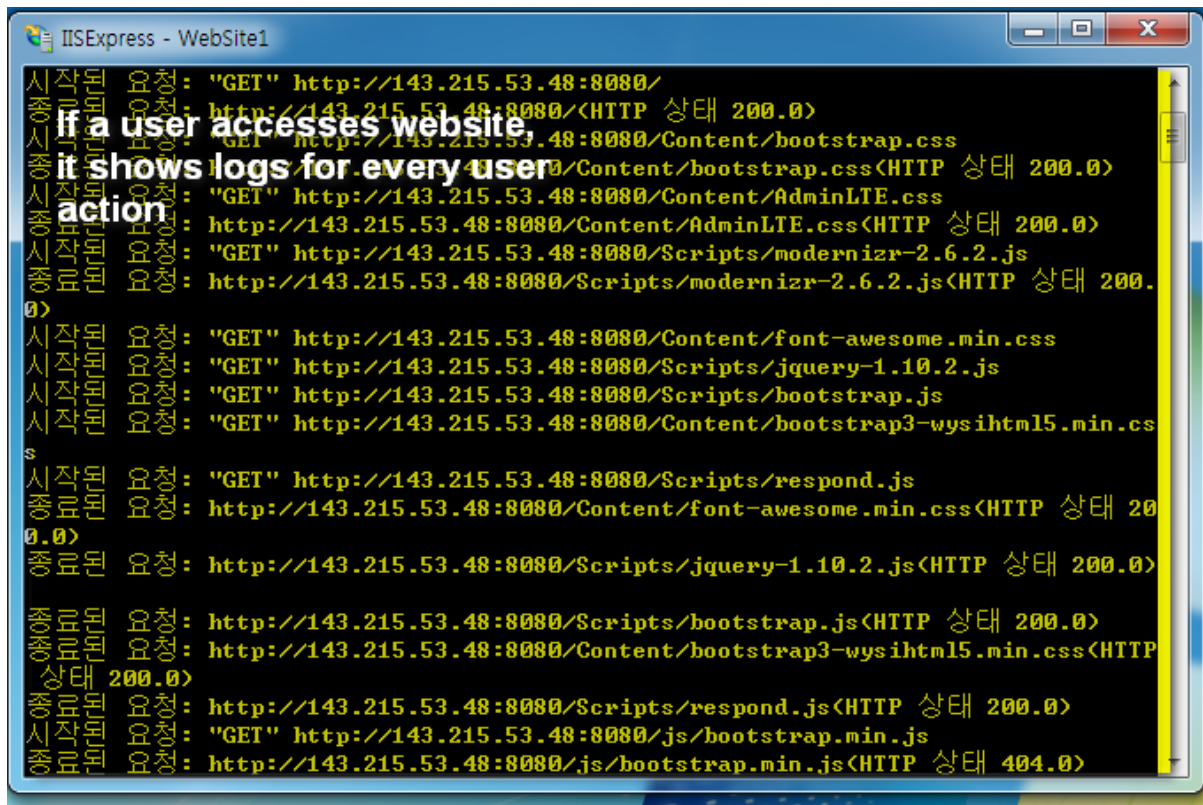
1. Auto sign-in for all required browsers
 - A cookies must be stored on the client side.
2. A problem that prevents the users from keeping their user information
 - We need to customize profile information in ASP.NET Identity in VS2013 templates.
3. An issue that caused unnecessary JavaScript errors before loading was completed
 - jQuery plugin is running in a web app and there is a blockage on the browser application level.
4. Configuration of multiple object DbSet per type in Entity Framework
 - Error occurs from declaring DbSet twice with the same type. Entity Framework cannot resolve which DbSet instance to use for a 'Bookmark' entities. We need to use separating classes allows Entity Framework to resolve to the correct DbSet.

2. Installation Instructions

1. Configuring a Server for localhost

- Set up a server for an in-progress local package installation. Make sure that the server has installed the following: IIS 6, IIS7 or IIS8





If a user accesses website, it shows logs for every user action

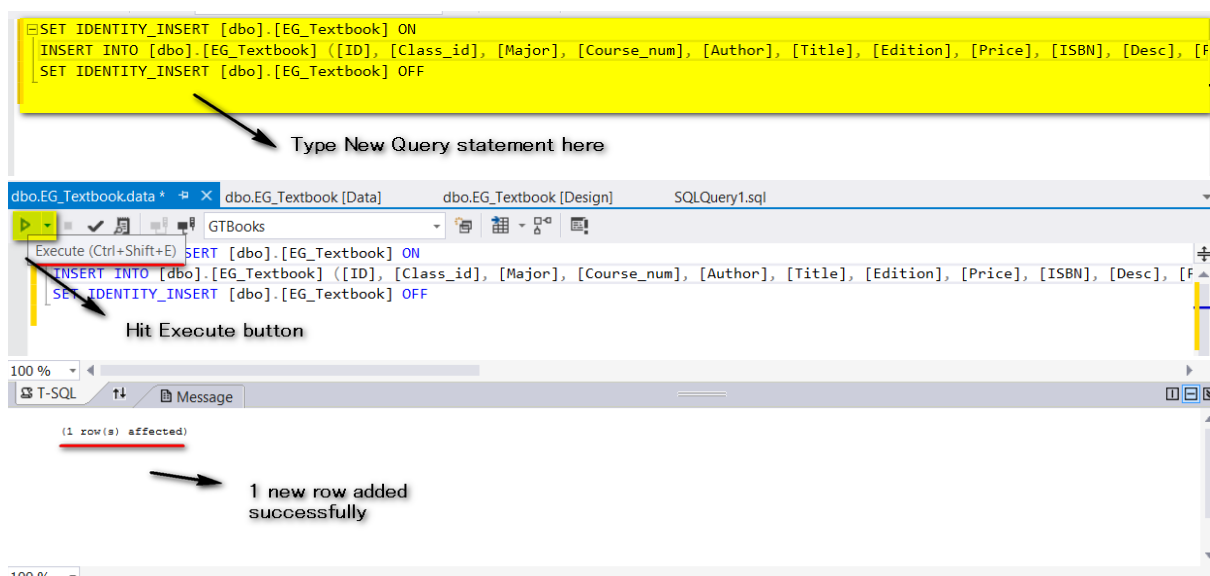
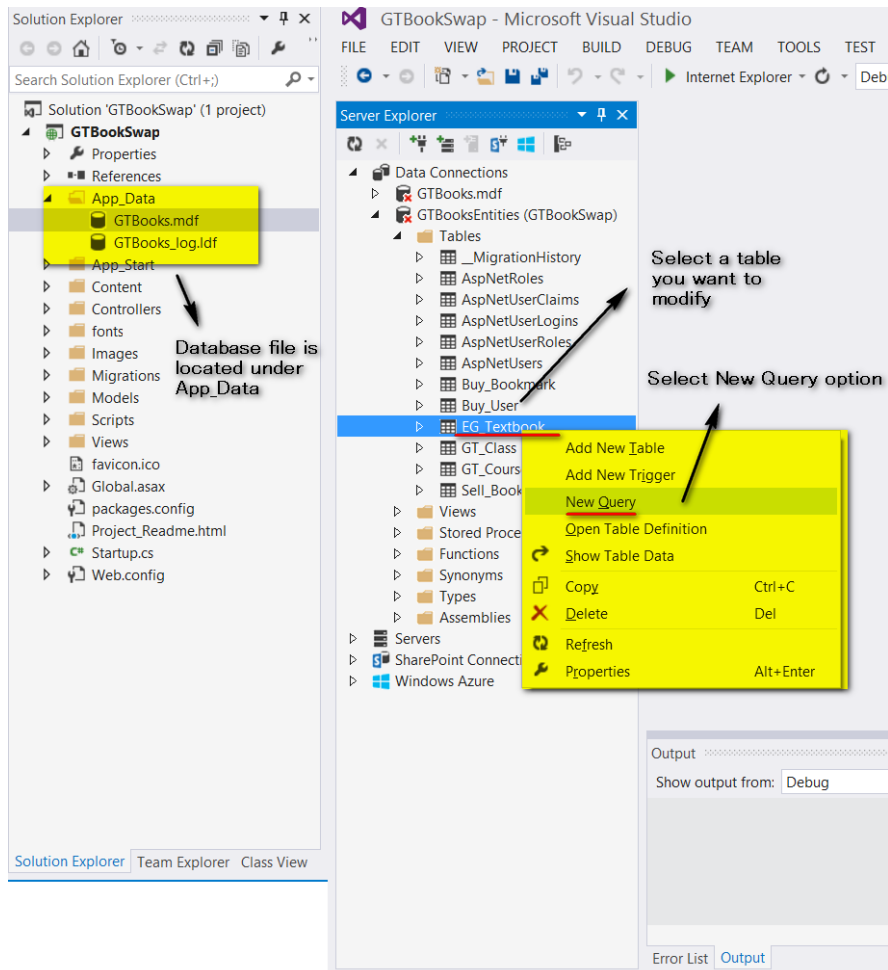
```
시작된 요청: "GET" http://143.215.53.48:8080/
종료된 요청: http://143.215.53.48:8080/<HTTP 상태 200.0>
시작된 요청: "GET" http://143.215.53.48:8080/Content/bootstrap.css
종료된 요청: http://143.215.53.48:8080/Content/bootstrap.css<HTTP 상태 200.0>
시작된 요청: "GET" http://143.215.53.48:8080/Content/AdminLTE.css
종료된 요청: http://143.215.53.48:8080/Content/AdminLTE.css<HTTP 상태 200.0>
시작된 요청: "GET" http://143.215.53.48:8080/Scripts/modernizr-2.6.2.js
종료된 요청: http://143.215.53.48:8080/Scripts/modernizr-2.6.2.js<HTTP 상태 200.0>
시작된 요청: "GET" http://143.215.53.48:8080/Content/font-awesome.min.css
시작된 요청: "GET" http://143.215.53.48:8080/Scripts/jquery-1.10.2.js
시작된 요청: "GET" http://143.215.53.48:8080/Scripts/bootstrap.js
시작된 요청: "GET" http://143.215.53.48:8080/Content/bootstrap3-wysihtml5.min.css
시작된 요청: "GET" http://143.215.53.48:8080/Scripts/respond.js
종료된 요청: http://143.215.53.48:8080/Content/font-awesome.min.css<HTTP 상태 200.0>
종료된 요청: http://143.215.53.48:8080/Scripts/jquery-1.10.2.js<HTTP 상태 200.0>
종료된 요청: http://143.215.53.48:8080/Scripts/bootstrap.js<HTTP 상태 200.0>
종료된 요청: http://143.215.53.48:8080/Content/bootstrap3-wysihtml5.min.css<HTTP 상태 200.0>
종료된 요청: http://143.215.53.48:8080/Scripts/respond.js<HTTP 상태 200.0>
시작된 요청: "GET" http://143.215.53.48:8080/js/bootstrap.min.js
종료된 요청: http://143.215.53.48:8080/js/bootstrap.min.js<HTTP 상태 404.0>
```

2. Run and Debug Web application

- A Web application project is defined as a project file, rather than a project folder. The project references the files that are included in the project. Also, it includes the assembly references and other project metadata settings. To run and debug pages, the user must compile the complete web application project.

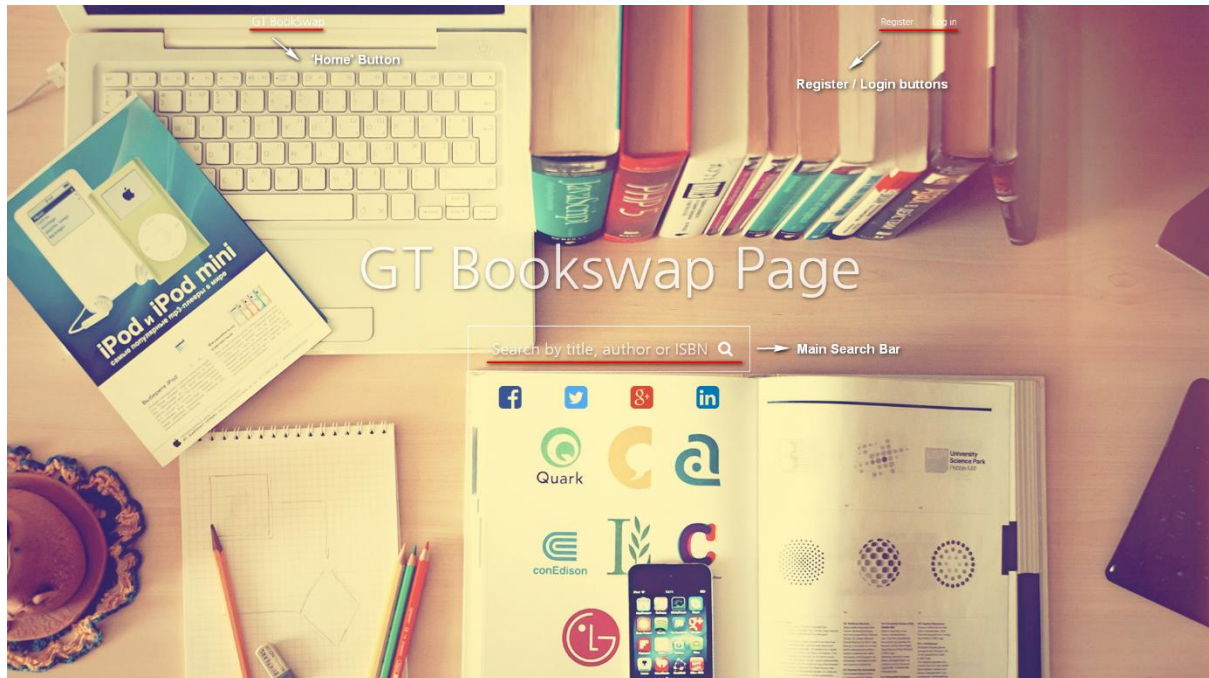
3. Update database

- To update/modify database, the user can write SQL statement and directly import to the pre-built database.

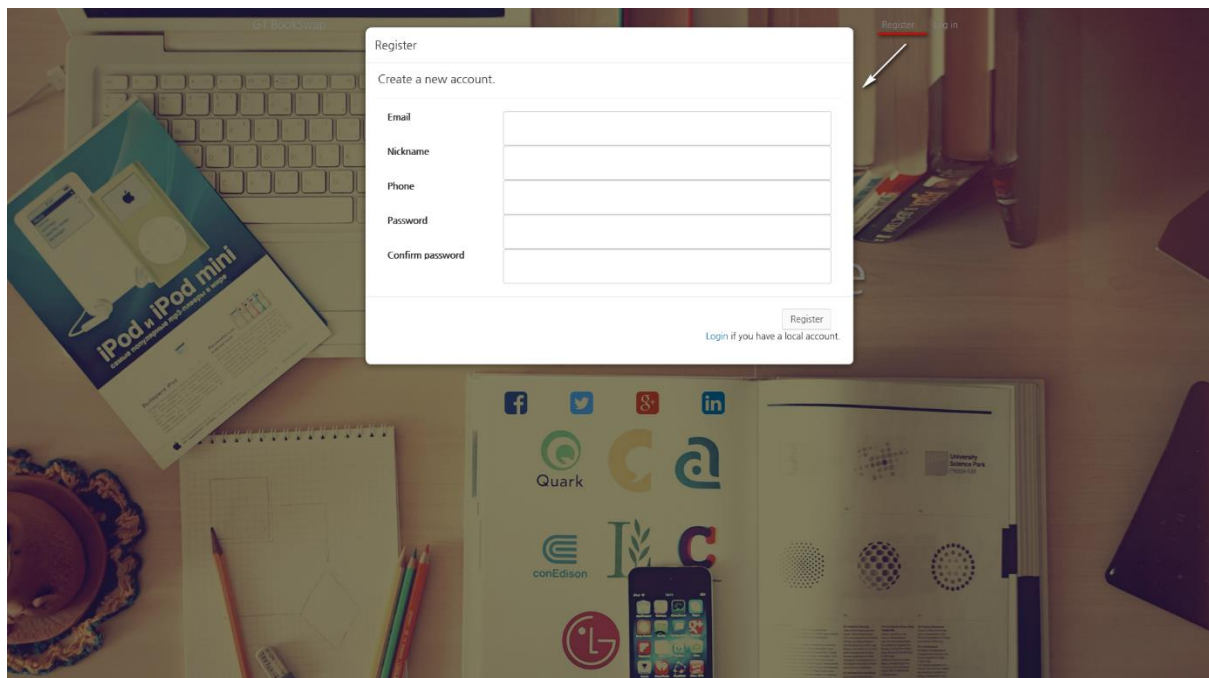


3. User Manual

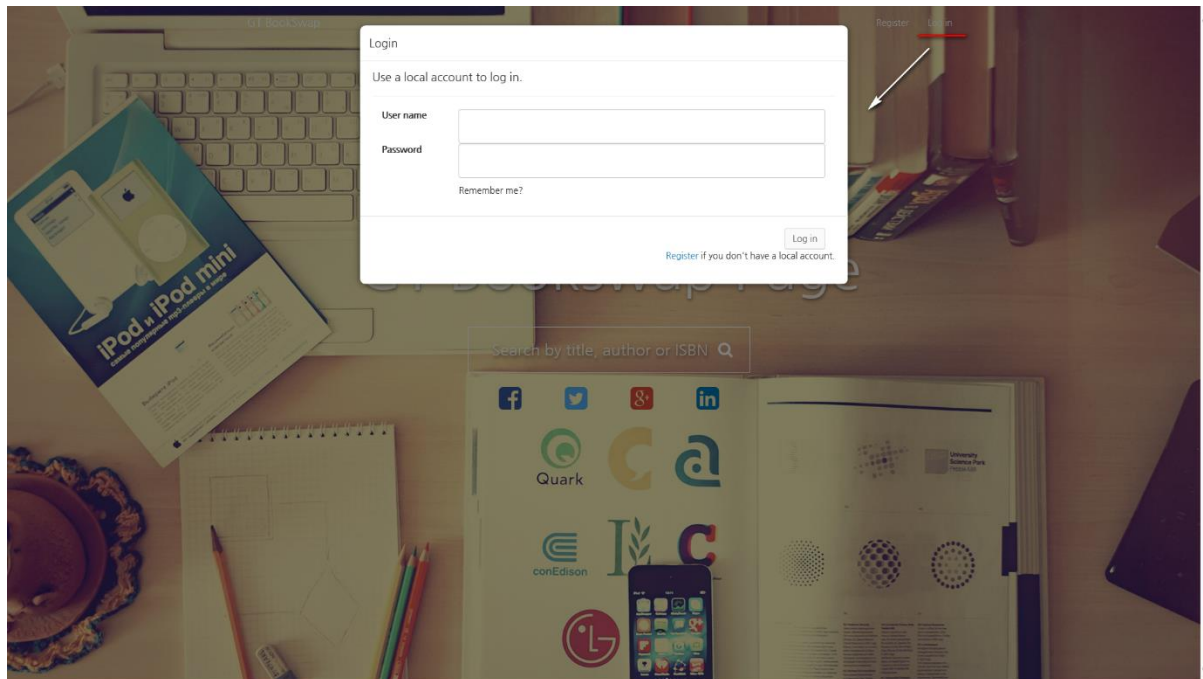
1. Main Page



2. Register Button



3. Login Button



4. Textbook Lists Page

The screenshot shows the GT BookSwap website with the 'Textbook List' page. The page features a search bar with 'java' entered, a 'Search Button', and a 'Cascading Dropdown' for selecting a course and class. A 'Post button' is also visible. A table of textbooks is displayed with columns for Bookmark, Price, Title, Course Name, Course Number, and Condition. Annotations highlight various UI elements like the 'User can select either Selling or Buying Lists' and 'Bookmark ON/Off'.

Bookmark	Price	Title	Course Name	Course Number	Condition
<input checked="" type="checkbox"/>	0	ABSOLUTE JAVA	CS	1331	New
<input type="checkbox"/>	0	DATA STRUCTURES & ALGORITHMS IN JAVA	CS	1332	New
<input checked="" type="checkbox"/>	0	JAVA SWING	CS	4470	New
<input checked="" type="checkbox"/>	0	JAVA SWING	CS	6456	New
<input type="checkbox"/>	3345	Absolute Java. Ediz. internazionale. Per le Scuole superiori	CSE - Computational Science & Engr	8998	New
<input type="checkbox"/>	50	Thinking in Java	CS - Computer Science	1171	Acceptable
<input type="checkbox"/>	0	Thinking in Java	AE - Aerospace Engineering	2020	Good

5. Textbook Details

GT BookSwap Hello asdasdasd! Log off

Textbook List

java

Select a Course

Select a Class

Selling List Buy List

Table rows are clickable and expandable

Bookmark	Price	Title	Course Name	Course Number	Condition
<input checked="" type="checkbox"/>	0	ABSOLUTE JAVA	CS	1331	New
<div> <div> <p>ABSOLUTE JAVA</p> <p>Absolute Java</p> <p>Walter Savitch</p> <p>2012 1239 ISBN0132989964</p> <p>Please contact engineer book store.</p> <p>ebobook@mindspring.com</p> <p>4042211669</p> </div> </div>					
<input type="checkbox"/>	0	DATA STRUCTURES & ALGORITHMS IN JAVA	CS	1332	New
<input checked="" type="checkbox"/>	0	JAVA SWING	CS	4470	New
<input checked="" type="checkbox"/>	0	JAVA SWING	CS	6456	New

Textbook Details from Google Book API

6. User My Page

GT BookSwap Hello asdasdasd! Log off

Welcome asdasdasd! This is your my page.

Georgia Tech

Each box shows the number of posts, bookmarks that a user has

1

Number of Sell Post

Back to List

0

Number of Buy Post

Back to List

3

Number of Sell Bookmarks

Back to List

0

Number of Buy Bookmarks

Back to List

Click to show details

- My Sell Posts
- My Buy Posts
- Sell Bookmarks
- Buy Bookmarks
- Change your password
- Change your Info

TECH

7. My Page Options

GT BookSwap

Hello asdasdasd! Log off

Welcome asdasdasd! This is your my page.

Georgia Tech

1
Number of Sell Post
Back to List

0
Number of Buy Post
Back to List







3
Number of Sell Bookmarks
Back to List

0
Number of Buy Bookmarks
Back to List

My Sell Posts

My Buy Posts

Sell Bookmarks

0	ABSOLUTE JAVA	CS	1331	new		
0	JAVA SWING	CS	4470	new		
0	JAVA SWING	CS	6456	new		

Buy Bookmarks

Change your password

Change your Info

Detail information

Delete Button

4. Source code

* We have attached our source code zip file on our GitHub page. Please follow the link to download.

<https://github.com/BongBongProject/BongBongFinalize>