Web Development 2 – Assignment

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List of the PHP pages used in this assignment:

Throughout my assignment I used classes. The reason for this is because I have prior knowledge to PHP and felt that using classes would make the assignment more efficient and easier to follow and write.
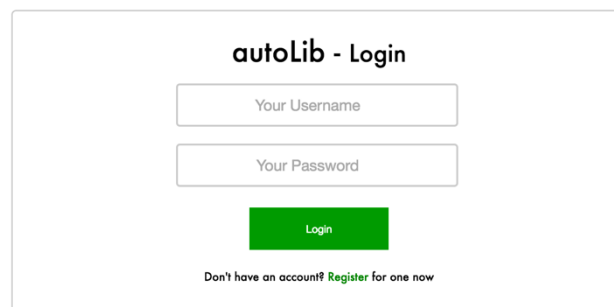
- **register.php :** This is a basic HTML form that allows a user to enter their information and register to use the library system. Once the information is entered, it is checked to make sure it is suitable before it is entered into the database. I.e the username has not been used before, the password confirmation is correct and the mobile number is no longer than 7 digits long.

- **login.php :** This page is a simple HTML form. It allows the user to enter their username and password. The form POST's the resulting information back to the login.php page. Once it has done so, the PHP user class checks the entered information against the database to make sure that the user entered the correct information. If they have it redirects them to the home page and sets a session variable with the users' name. Each page that must require a user to login has an authenticate method that is found in the User class. This checks to see if the session variable has been set and if it has then it allows access, else it redirects to the login page.

- **home.php :** This page is the main page of the library system. It displays all books on the right hand side and a navigation bar on the left.

- **search.php :** This page has a HTML form that allows the user to search for books. They can search in every category or in a particular category. When they enter a query to search, it will search for that query both in the author's column and the book column. The results are then displayed.

- **reserve.php :** This page shows all the books that are available for reservation. Beside each book is a link the user can click to reserve that particular book. Once they click it the reservation will be recorded and the book will be set to taken. They will then be prompted with a confirmation message, saying what book they borrowed and it's details.

- **view.php :** This page displays all the books that a particular user has borrowed. It lists when they borrowed it and the rest of the books details. It also gives the option to delete the reservation and thus making the book available again.

- **logout.php :** A link to this page is given on every other page as an option to logout. When you click it, it will destroy the current session and redirect the user to the login page.

Listing of Source Files:
- classes
  - User.php
  - Books.php
- css
  - style.css
- logout.php
- login.php
- register.php
- footer.php
- header.php
- home.php
- menu.php
- search.php
- reserve.php
- view.php

Screenshots:
login.php

register.php

autoLib - Register

Your Username

Your Password

Confirm Password

First Name

Surname

Address Line 1

Address Line 2

home.php

autoLib

Home

Search for Book

Reserve a Book

View Reserved Books

Logout

Hey alanjmckenna, Welcome to autoLib.

Books

ISBN	Book Title	Author	Edition	Year	Category	Reserved
093-403992	Computers in Business	Alicia O' Neill	3	1997	3	Not availibe
23472-8729	Exploring Peru	Stephaine Birchi	4	2005	5	Availible for reservation
237-34823	Business Strategy	Joe Peppard	2	2002	2	Availible for reservation
23u8-923849	A guide to nutrition	John Thorpe	2	1997	1	Availible for reservation
2983-3494	Cooking for Children	Anabelle Sharpe	1	2003	7	Availible for reservation

Pages: 1 2 3

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search.php

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Home

Search for Book

Reserve a Book

View Reserved Books

Logout

Search for a Book

Search by Category

Category:

| All Categories | ⇕ |

Query within category

Search

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search.php (When something was searched)

autoLib

Home

Search for Book

Reserve a Book

View Reserved Books

Logout

Search for a Book

Search by Category

Category:

| All Categories | ⇕ |

Query within category

Search

Results for search "Jamie" in category All Categories

ISBN	Book Title	Author	Edition	Year	Category	Reserved
9823-98345	How to Cook Italian Food	Jamie Oliver	2	2005	7	Not availibe

Pages: 1

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reserve.php

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Home

Search for Book

Reserve a Book

View Reserved Books

Logout

Reserve a Book

Availible Books

ISBN	Book Title	Author	Edition	Year	Category	Reserved
23472-8729	Exploring Peru	Stephaine Birchi	4	2005	5	Click to reserve
237-34823	Business Strategy	Joe Peppard	2	2002	2	Click to reserve
23u8-923849	A guide to nutrition	John Thorpe	2	1997	1	Click to reserve
2983-3494	Cooking for Children	Anabelle Sharpe	1	2003	7	Click to reserve
82n8-308	Computers for Idiots	Susan O'Neill	5	1998	4	Click to reserve

Pages: 1 2 3

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view.php

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Home

Search for Book

Reserve a Book

View Reserved Books

Logout

View Reserved Books

Here is a list of the books you have reserved

ISBN	Book Title	Author	Edition	Year	Category	Reservation Date	Action
23472-8729	Exploring Peru	Stephaine Birchi	4	2005	5	2016-12-01 19:26:13	Delete Reservation

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