

PHP Pages:

login.php

- Main landing page
- User is allowed to login to the library or register as a new user
- Both the username and password are required for login.
- Both must return true as a pair from the database to allow access
- Once logged in the page redirects to home.php
- No session information is required to land on this page.

register.php

- User enters their personal details to sign up for an account
- All fields are required
- The database is checked for a duplicate username
- If it returns false then all other inputs are checked
- Password must be entered twice, both are compared and must be identical
- Password is checked for minimum 6 chars long
- Mobile number is checked for exactly 10 chars long
- User is prompted for the specific errors if input is incorrect
- After successful registration, user is notified of success, can proceed to login
- No session information is required to land on this page.

home.php

- Here user has two options: search / reserve books and view reserved books
- Searching redirects to search.php
- Viewing reserved books redirects to reservations.php
- Link to logout included on this page
- Access to this page is restricted to logged in users only

search.php

- User can choose to search by title/author or both
- Redirects to search_other.php
- Partial inserts are handled using the MySQL 'LIKE' clause as part of the select query
- User can also choose to search by category
- Categories are listed in drop-down table
- Table is populated from categories table in database
- Redirects to search_cat.php
- Link to logout included on this page
- Access to this page is restricted to logged in users only

search_other.php

- User's full/partial inputs are used as part of select query to return books from the database
- Max 5 rows of results displayed on each page
- Additional column is returned in the table displaying whether book is reserved or not
- Additional button in this column to allow user to reserve books
- Redirects to reserve.php
- Link to logout included on this page
- Access to this page is restricted to logged in users only

search_cat.php

- Field chosen from drop down menu by user in search.php is taken as parameter for select query in search_cat.php
- Returns all books that belong to chosen category
- Max 5 rows of results displayed on each page
- Additional column is returned in the table displaying whether books is reserved or not
- Additional button in this column to allow user to reserve books
- Redirects to reserve.php
- Link to logout included on this page
- Access to this page is restricted to logged in users only

reserve.php

- User is prompted to confirm they are reserving chosen book
- Option to confirm or cancel
- If confirmed, reservations table is updated with instance for the user
- User's list of reserved books will also show this new item
- Access to this page is restricted to logged in users only

reservations.php

- Prints a list of books from the database that exist in the reservations table for that user only
- Takes account of logged in user's username and only shows their reserved books
- Table prints list of books, with an additional field button to unreserve the book
- This button redirects to unreserved.php
- Link to logout included on this page
- Access to this page is restricted to logged in users only

unreserve.php

- User is prompted to confirm they are unreserving chosen book
- Option to confirm or cancel
- If confirmed, reservations table is updated to remove this books from reservations
- User's list of reserved books will no longer list this book
- Access to this page is restricted to logged in users only

logout.php

- Terminates the current session
- Prints message to user to confirm logged out
- Includes home button to go back and login again

db_library.php

- Contains the connection details and safe termination of the connection to my library database

header.html

- Contains the header used in all php files
 - Header image
 - Home Button

footer.html

- Contains the footer used in all php files
 - Footer image
 - Copyright details

library.css

- Contains the styling used in all html and php files

FILE STRUCTURE

Name	Date modified	Type	Size
css	2016-11-30 11:55	File folder	
html	2016-11-30 12:25	File folder	
images	2016-12-01 21:56	File folder	
php	2016-12-01 21:57	File folder	

File Directory

SCREENSHOTS OF WEBSITE

Login.php



[Home](#)

Please Log In

Username:

Password:

[Log In](#)

If you are not currently a Library Member, please register with us today

[Register](#)

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home.php



[Home](#)

Logged in As: nicola

Select an Option:

[Search and Reserve Books](#)

[View Currently Reserved Books](#)

[Log Out](#)

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search.php



Logged In As: nicola

Search by Book Title, Author or Category

Book Title:

Author:

Category:

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search_other.php




Logged In As: nicola

ISBN	Book Title	Author	Edition	Year	Category	Reserve
23u0-022049	A guide to nutrition	John Thorpe	2	1997	Health	<input type="button" value="Reserve"/>
0823-23904	My life in picture	Kevin Graham	8	2004	Health	Reserved
08234-020384	My ranch in Texas	George Bush	1	2005	Health	Reserved
003-004-00	My life in sss	John Smith	1	2001	Health	<input type="button" value="Reserve"/>
0067-0030882	Shooting History	Jon Snow	1	2003	Health	<input type="button" value="Reserve"/>

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search_cat.php



Home

Logged In As: nicola

ISBN	Book Title	Author	Edition	Year	Category	Reserve
23u8-823848	A guide to nutrition	John Thorpe	2	1997	Health	<input type="button" value="Reserve"/>
9823-23884	My life in picture	Kevin Graham	8	2004	Health	Reserved
98234-020384	My ranch in Texas	George Bush	1	2005	Health	Reserved
993-004-00	My life in bits	John Smith	1	2001	Health	<input type="button" value="Reserve"/>
9987-0030882	Shooting History	Jon Snow	1	2003	Health	<input type="button" value="Reserve"/>

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reservations.php



Home

Logged In As: nicola

ISBN	Book Title	Username	Reserved Date	Unreserve
237-34823	Business Strategy	nicola	2016-12-02	<input type="button" value="Unreserve"/>
993-004-00	My life in bits	nicola	2016-12-02	<input type="button" value="Unreserve"/>

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reserve.php



Home

Logged In As: nicola

Confirm Reserving: Tara Road

Reserve

[Cancel](#)

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unreserve.php



Home

Logged In As: nicola

Confirm Unreserving: Business Strategy

Unreserve

[Cancel](#)

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register.php

[Home](#)

Please enter your details below:

Username:

Password:

Re-Type Password:

Firstname:

Surname:

AddressLine1:

AddressLine2:

City:

Telephone:

Mobile:

[Register](#)[Cancel](#)

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logout.php



[Home](#)

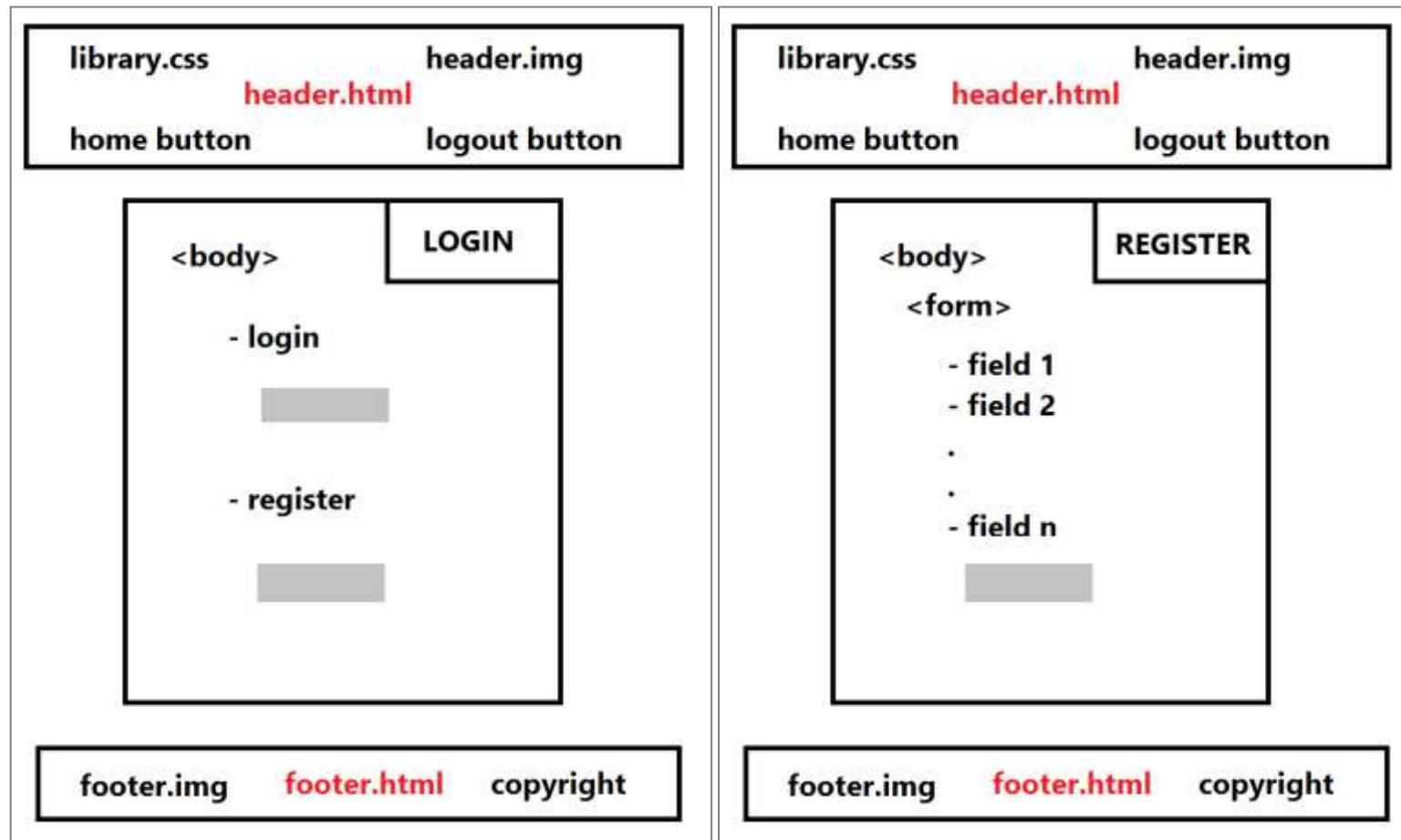
Logged Out Successfully

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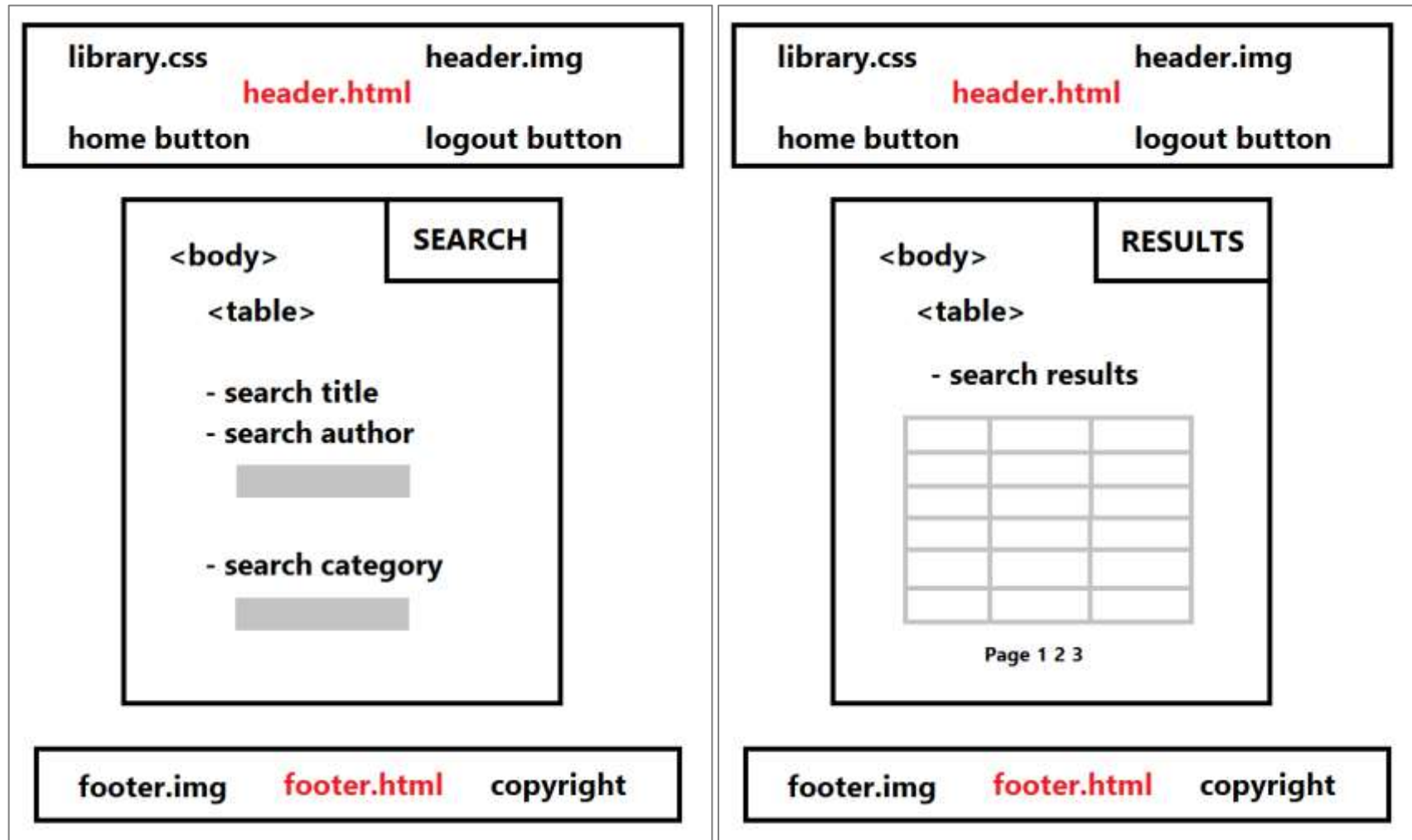
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DESIGN CONCEPT - LOGIN and REGISTER



DESIGN CONCEPT - SEARCHING and RESULTS



DESIGN CONCEPT - HOME and CONFIRMATION

