Group 17 Database Project Demo Slides

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Content

In these slides we will briefly go over the functionality and content of our website.

Important things to note:

- Our homepage links to four other pages (book, librarian, loan, user)
- Each of those pages have the same four functions just with different information needed to complete each
- We will demo the CRUD operations for only books in our database as showing the rest will be redundant

Homepage

Volcanic Chocolate Library

Book Entity CRUD Functions

Librarian Entity CRUD Functions

Loan Entity CRUD Functions

User Entity CRUD Functions

Book Creation

Example Form Content

Back

Create Book

Author First Name: Suzanne

Author Last Name: Collins

Title: The Hunger Games

Genre: Dystopian

Book ID: 111

Submit

Result of form submission

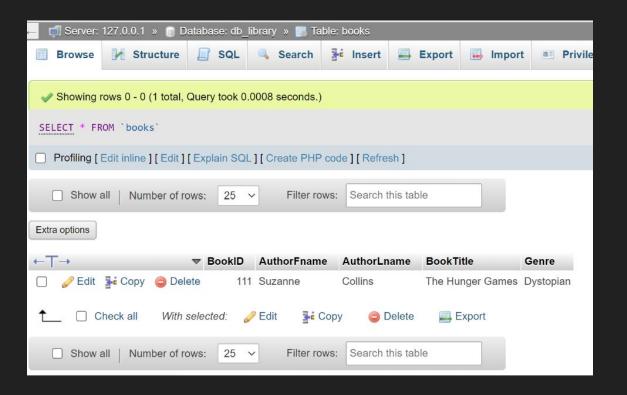
Back

SQL Query: INSERT INTO 'books' ('AuthorFname', 'AuthorLname', 'BookTitle', 'Genre', 'BookID') VALUES ('Suzanne', 'Collins', The Hunger Games', 'Dystopian', '111')

Results:

Book with BookID: 111 has been created successfully.

Book Creation Result in database



Book Read

Example Form Content

Read Book

Enter BookID: 111

Submit

Result of form submission

Back

SQL Query: SELECT * FROM `books` WHERE `BookID` = '111'

Results:

BookID: 111 - Author First Name: Suzanne - Author Last Name: Collins - Book Title: The Hunger Games - Genre: Dystopian

Book Update

Example Form Content

Result of form submission

Update Book

Author First Name: Rick

Author Last Name: Riordan

Title: Percy Jackson

Genre: Fantasy

Book ID: 111

Submit

Back

SQL Query: UPDATE 'books' SET 'AuthorFname' = 'Rick', 'AuthorLname' = 'Riordan', 'BookTitle' = 'Percy Jackson', 'Genre' = 'Fantasy' WHERE 'BookID' = '1111'

Results:

Book with BookID: 111 has been updated successfully.

Book Update Result in database



Book Delete

Example Form Content

Result of form submission

Delete Book

Enter BookID: 111

Submit

Back

SQL Query: DELETE FROM 'books' WHERE 'BookID' = '111'

Results:

Book with BookID: 111 has been deleted successfully.

Book Delete Result in database

