

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

Create Book

Author First Name:

Author Last Name:

Title:

Genre:

Book ID:

Result of form submission

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

Server: 127.0.0.1 » Database: db_library » Table: books

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✓ Showing rows 0 - 0 (1 total, Query took 0.0008 seconds.)

```
SELECT * FROM `books`
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 | Filter rows:

Extra options

		BookID	AuthorFname	AuthorLname	BookTitle	Genre	
<input type="checkbox"/>	Edit	Copy	Delete	111	Suzanne Collins	The Hunger Games	Dystopian

[↑](#) ☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows: 25 | Filter rows:

Book Read

Example Form Content

Read Book

Enter BookID:

Result of form submission

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:

Author Last Name:

Title:

Genre:

Book ID:

SQL Query: UPDATE `books` SET `AuthorFname` = 'Rick', `AuthorLname` = 'Riordan', `BookTitle` = 'Percy Jackson', `Genre` = 'Fantasy' WHERE `BookID` = '111'

Results:

Book with BookID: 111 has been updated successfully.

Book Update Result in database

← Server: 127.0.0.1 » Database: db_library » Table: books

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```
SELECT * FROM `books`
```

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☐ Show all | Number of rows: 25 ▾ Filter rows:

Extra options

	BookID	AuthorFname	AuthorLname	BookTitle	Genre
<input type="checkbox"/> Edit Copy Delete	111	Rick	Riordan	Percy Jackson	Fantasy

↑ ☐ Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Book Delete

Example Form Content

Result of form submission

Delete Book

Enter BookID:

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

Results:

Book with BookID: 111 has been deleted successfully.

Book Delete Result in database

← Server: 127.0.0.1 » Database: db_library » Table: books

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✓ Showing rows 0 - 0 (1 total, Query took 0.0008 seconds.)

```
SELECT * FROM `books`
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 ▾ Filter rows:

Extra options

	BookID	AuthorFname	AuthorLname	BookTitle	Genre
<input type="checkbox"/> Edit Copy Delete	111	Rick	Riordan	Percy Jackson	Fantasy

↑ ☐ Check all With selected: Edit Copy Delete Export