

Final Evaluation 40%

420-LS3-AS - Fall 2023

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Não compartilhado



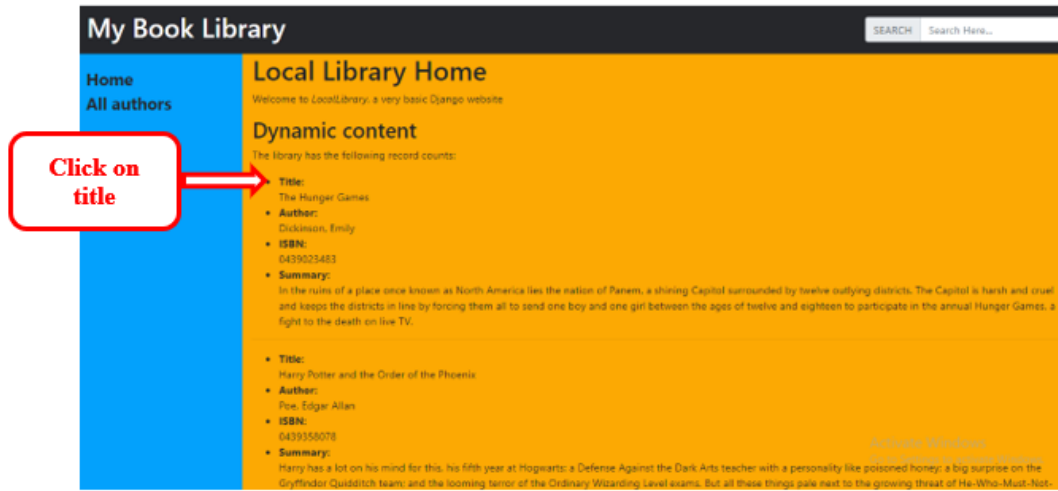
Question 1

Implement and develop a blog application using Python, Django, HTML, CSS and SQLite3 with the following configurations:

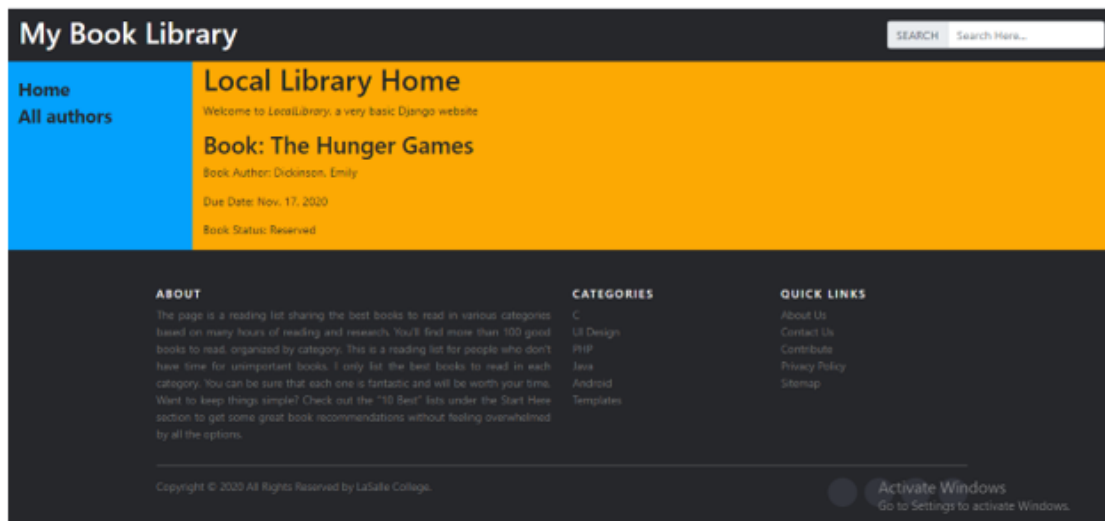
1. Name your project: `lastName_firstName_studentID`
2. Add a sub application named it 'mylibraray'
3. <http://127.0.0.1:8000/> redirects user to the home page (index.html)
4. <http://127.0.0.1:8000/admin> redirects user to the admin page
5. Database has four tables Book, Author, Book Instance and Genre
 - Book table:
 - title: 200 char length
 - author: from Author Table (one author for each book)
 - summary: could be many lines
 - isbn: 13 char length
 - genre: from Genre Table (Many genre could be assigned)
 - Note: book caption will be the title
 - Author table: defined by you with following properties:
 - First name: 200 char length
 - Last name: 200 char length
 - Date of birth: Date
 - Note: author caption will be the last name, first name
 - Book Instance table: defined by you with following properties:
 - book: instance of book table
 - Status: Maintenance, Booked, Available, Reserved
 - Due Date: Date
 - Note: book instance caption will be the book title
 - Genre table: defined by you with following properties:
 - name: 200 char length
 - Note: genre caption will be the name



6. For the home page, you need to display all books (book title, author, ISBN, and summary).



7. By clicking on each book title, you will bring your client to the book detail that contains the book information such as book author, due date, and book status.

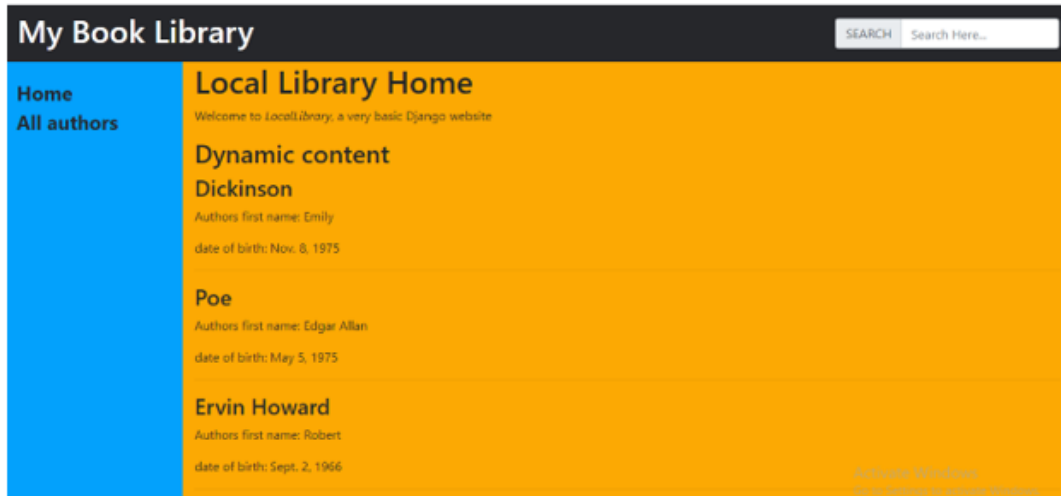


8. The details method takes two parameters; request and book id. With an id, you make a query to get the post associated with the received id.

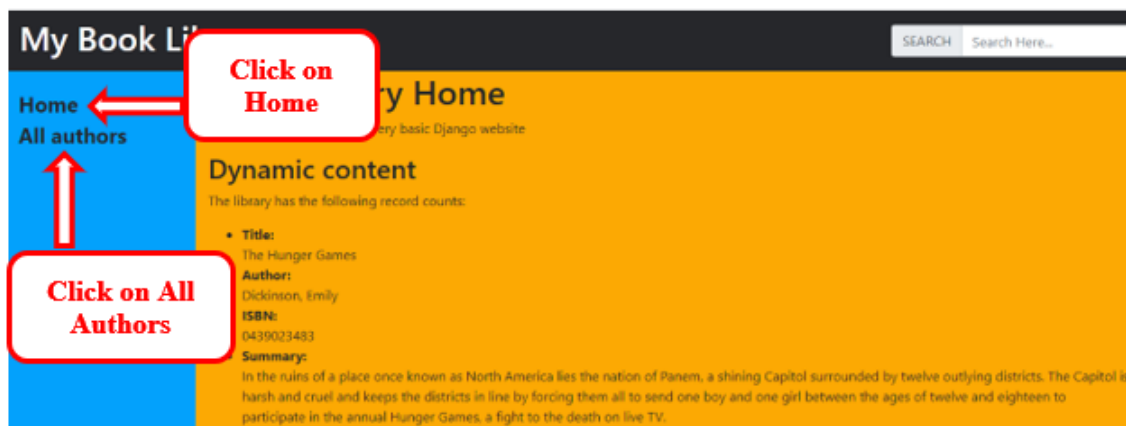
`Posts.objects.get(id=received_id).path('book/<int:received_id>/',...)`

9. By Clicking on Home, you will bring your client to the home page that displays all the books.

10. By clicking on all authors, you will bring your client to the page that contains all authors.



11. For the admin page, add the Book, Book Instance, Author, and Genre model to your admin page in order to insert data to your application.



Set username and password for admin with the following values Username: lasalle_23 Password: Fall_23 (F capital)

← → ↻ 127.0.0.1:8000/admin/

Django administration

WELCOME, ADMIN

Site administration

AUTHENTICATION AND AUTHORIZATION

Groups

+ Add

Change

Users

+ Add

Change

LIB_APP

Authors

+ Add

Change

Book instances

+ Add

Change

Books

+ Add

Change

Genres

+ Add

Change

Recent actions

My actions

+ To Kill a Mockingbird

Book instance

+ Harry Potter and the Order of the Phoenix

Book instance

+ The Hunger Games

Book instance

+ To Kill a Mockingbird

Book

+ Harry Potter and the Order of the Phoenix

Book

+ The Hunger Games

Book

+ Action

Genre

+ Fantasy

Genre

+ Adventure

Genre

+ Romance

Genre

AUTHENTICATION AND AUTHORIZATION

Groups

+ Add

Users

+ Add

LIB_APP

Authors

+ Add

Book instances

+ Add

Books

+ Add

Genres

+ Add

Add book

Title:

Author:

+ -

Summary:

Enter a brief description of the book

ISBN:

13 Character ISBN number

Genre:

Science Fiction

Romance

Adventure

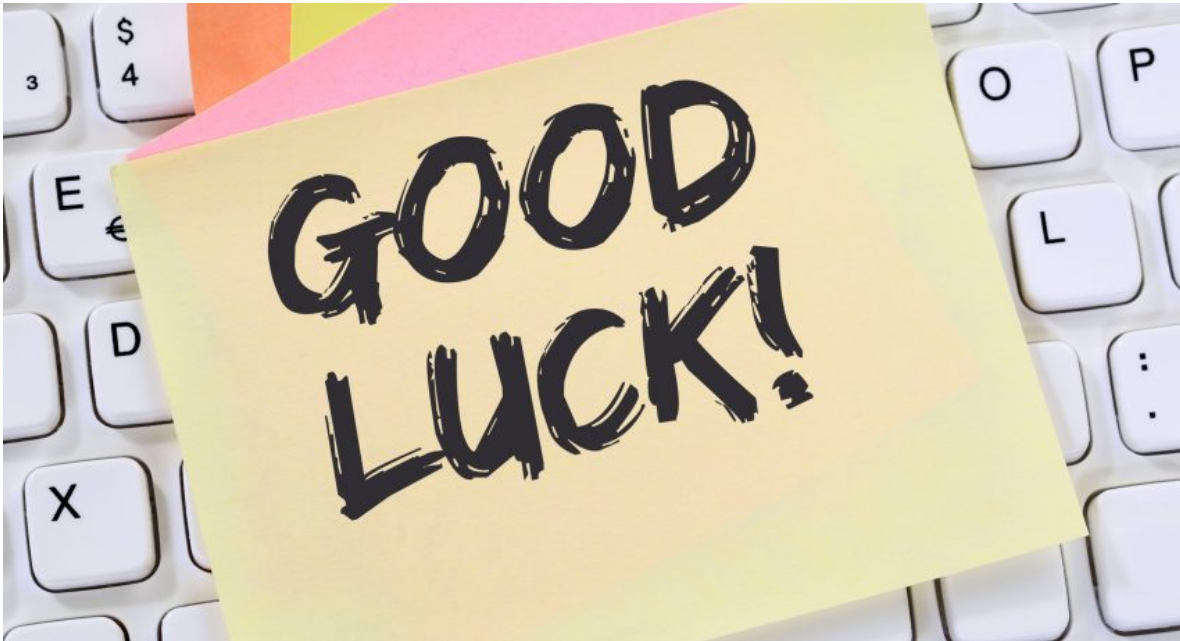
Fantasy

Action

+ -

Select a genre for this book Hold down "Control", or "Command" on a Mac, to select more than one.

Name your project using the following format: lastName_firstName_studentID and then compress the folder containing all Django source code files (Python, database, etc.). You can submit the exam before 23:55 PM on December 12, 2023, in the assignment section named "Final Exam."



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