**ACS\_560\_HW2**

**https://bitbucket.org/shradhareddyy/homework\_acs560/src/master/**

**Development Instructions:**

* Created a Django Project
* Defined the models for the collection of books.
* Generated and Applied database migrations for the model.
* Created a serializer for the book model using Django REST frameworks serializer.
* Configured Project URLs and the deployment server was made to run to start Django Deployment server.

**Project Purpose:**

A REST API for CRUD (Create, Read, Update, Delete) operations on books is a common for many book-related applications, such as online bookstores, library management systems, or digital book catalogs. The purpose of this is to provide a standardized and accessible way for people or the end users to interact with and manage a collection of books.

* Clients can add, retrieve, modify and remove new books to the collection.
* Can retrieve the details by given unique Id.
* Search for the books based on given input like Cost, Title, Author etc.
* The creation, retrieval, updating, and deletion of book records while adhering to RESTful principles and best practices are all made possible through REST API for CRUD operations on books, which acts as a link between clients and a book database.

GET Postman Output:

A screenshot of a computer

Description automatically generated

Get Console Output:

A screenshot of a computer

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POST Postman Output:

A screenshot of a computer

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Console Output:

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PUT Postman Output:

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Console outputA screenshot of a computer

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DELETE PostmanA screenshot of a computer

Description automatically generated

Console output:

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