DRF AUTHENTICATION TASK

→You are building an authentication platform for a book management system using Django REST Framework. The platform allows users to perform CRUD operations on a Book model, which has the following fields:

• title: CharField, the title of the book

• description: TextField, a description of the book

• author: ForeignKey, the author of the book

• price: DecimalField, the price of the book

The authentication platform should support token authentication, where users can obtain a token by providing their email and password. The token should be sent with subsequent requests to authenticate the user.

Implement appropriate field types and validations for each field.

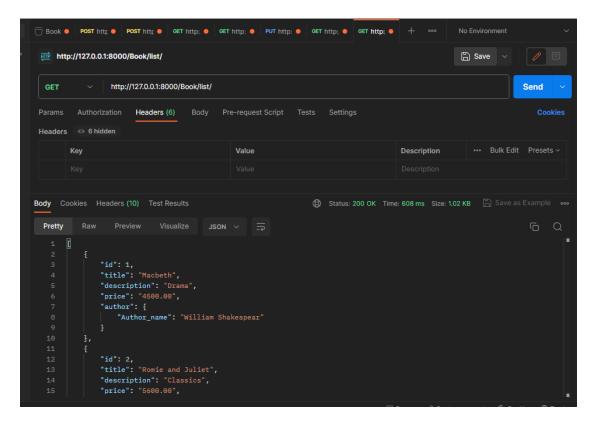
Your task is to create the necessary models, implement token authentication using

Django REST Framework, and provide CRUD operations for the Book model.

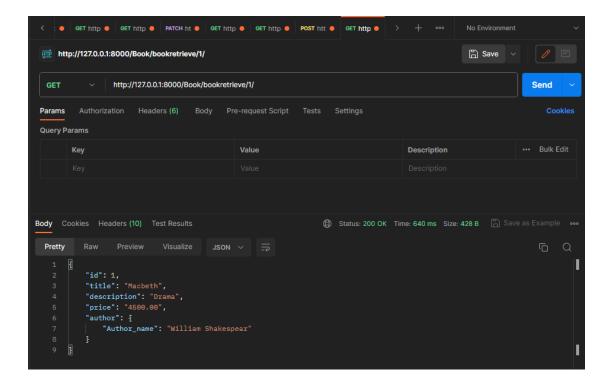
Please note that the Book detail and list APIs can be accessed by the public without authentication.

Remember to include appropriate error handling, such as handling unauthorized access attempts and validating user permissions for CRUD operations on the books.

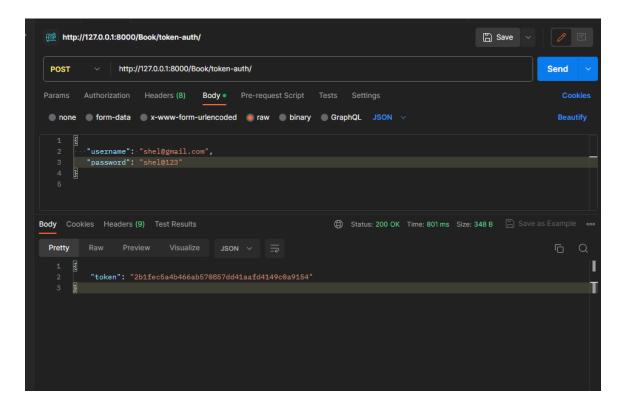
→public api



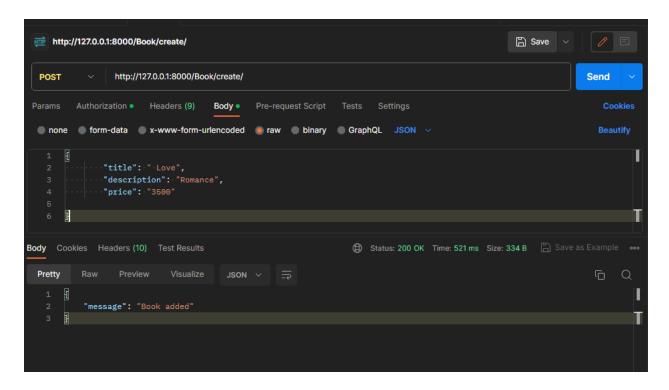
→Book retrieve

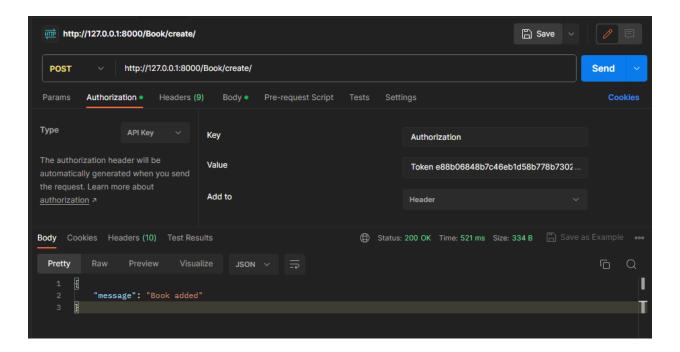


→ Token generation

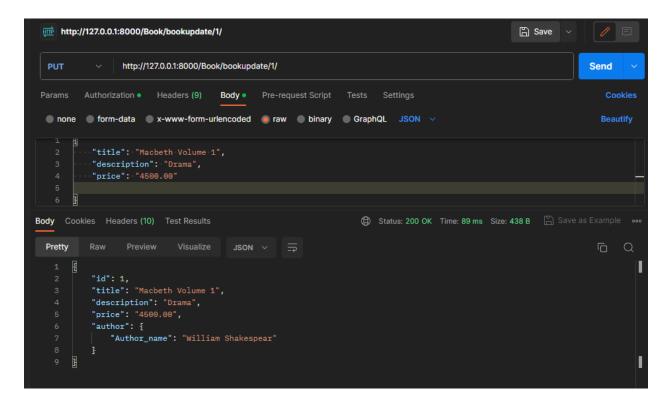


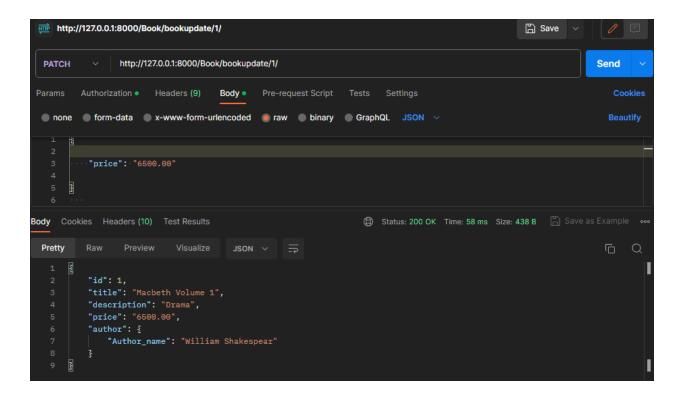
→Book creation(AUTHARIZED)



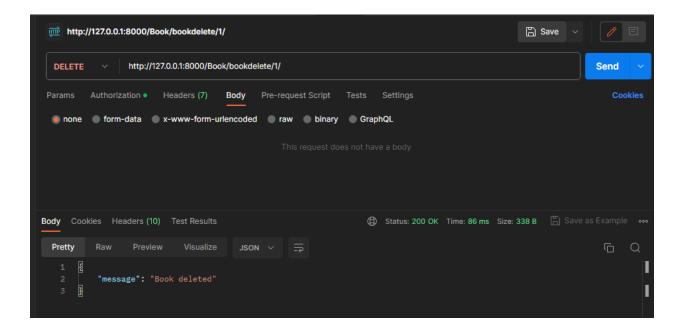


→Book Updation

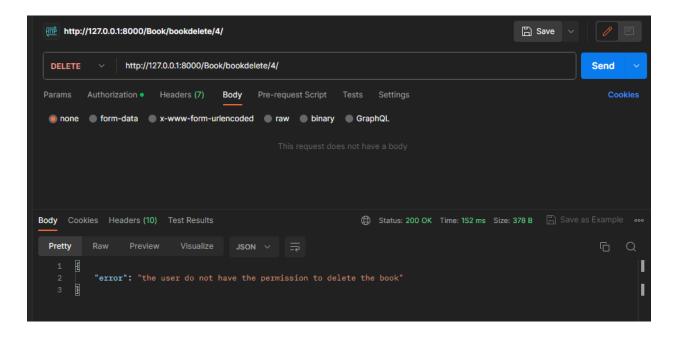




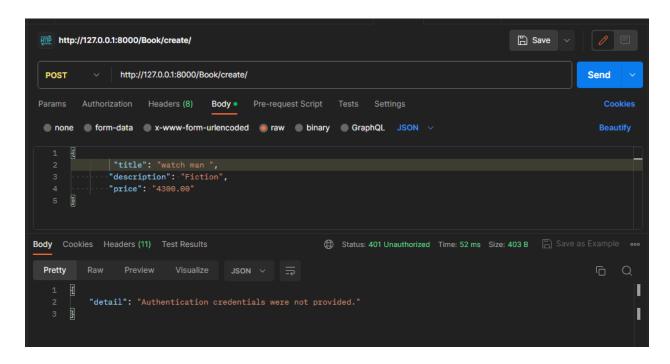
→Book deletion



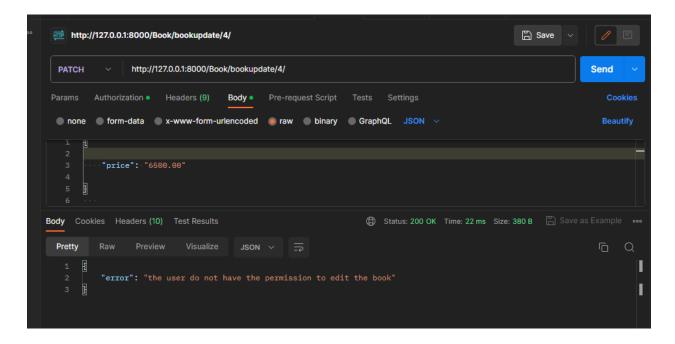
→ Deletion (unauthorized)



→ Creation (unauthorized)



→Book Update (unauthorized)



PROJECT: https://github.com/minta19/DRF_Authentication-12-07-23.git