

Django Pre-Work

1. User registration API.
2. Make Login API using JWT Authentication.
3. Make a CRUD API of product with sorting, searching and pagination.
 - a. Product should have minimum 2 Foreign Keys. Ex. Brand, Category etc.
 - b. While creating a product, supply of FK should be an optional field.
4. Make a CRUD API for cart.
 - a. Only Logged in user can add product to cart.
 - b. Users can add, edit, delete products with quantity, it should reflect in DB, on re-login should fetch the data from DB and display. (Can refer working of Amazon cart.)

Bonus (Do this in the same project, in a different app):

- Make 2 simple models, Chapter and Concept (consists FK of Chapter)
- Make an API such that, while creating chapter, the same API should be able to create concepts at the same time in one request.

Instructions:

- Use Python 3/Django 2+
- All APIs to be made in DRF.
- Make different apps for product and cart in the same project.
- You are free to use a 3rd party library for JWT.
- Upload the code to GitHub, there should be two branches. master/main and develop. Code should reside in develop branch, readme.md file should be in master branch.