



Guidelines

- Create your own repository in GitHub. During all development phase, please make sure you do regular commits.
- The project should be on Node.js, using express and MongoDB or SQL database.
- You are free to use whatever libraries, packages, tools that you want.
- After you have finished your work, push all commits to your repository, and then send us the email to inform us that the app has been finished with the link of your assignment repository.
- Make CRUD operation for each model including search API.

Clothing Store

- Make APIs for an e-commerce website. Make sure you include following models compulsorily:

Note: following fields are example only. You can add more fields.

User (Admin, Customer)

Category (Men-clothing, Women-clothing, etc),

Product (name, price, color, description, size, stock (number), material, picture).

Cart (user, product, quantity, price),

Order (user, product, price, billing_shipping detail, etc)

Note: *Since it's e-commerce based project, you can add as many models as you want to make the system flexible.*

Registration/Login

- Customer Registration
- Login for both customer and admin.
- Both system login and google/facebook login for customers is required.

Product

- Only admin should be able to add product.
- Multiple Image upload option.
- Single API to filter products based on latest products, high to low price range, low to high price range.
- Search product API

Cart

- Only authenticated users should be able to add products to cart.
- User shouldn't be able to add more than five quantity of same product in cart.
- Products that are out of stock i.e. product having stock less than or equal to zero shouldn't be able to add to cart.
- API to fetch all products of cart for logged in user.

Order

- Unique order number for every order.
- Make sure customer can order one or more than one product at a time.
- Stock Management (Single Create Order API): Once the order is created, the stock of product should decrease. For example, if there's product "A" with stock 10 and customer orders 3 product "A", then the stock of product "A" should be updated to 7.
- API to fetch all order of specific user i.e. logged in user.
- Cancel Order API.

Please show us how you would use the language and best practices.

Best of Luck