Symfony Assignment

Create a book store application using Symfony framework, You should use MySQL DBMS to create a suitable database that is capable of storing the required data for the assignment. you should be able to host the application in your local host environment.

Following are the features required.

1. You should store books of two categories (ex: Children, Fiction) and list them for users to buy on the home page of the application. Users should be able to list the books by category.
2. Users can add the books to the shopping cart and remove them when needed from the cart. The total price should be shown on the application all the time and should change based on the books in the cart.
3. On checkout, users should see a full invoice with details of the purchase.
4. When calculating the price, the following conditions should be satisfied

* If you buy 5 or more Children books you get a 10% discount from the Children books total
* If you buy 10 books from each category you get 5% additional discount from the total bill
* If you have a coupon code (which you can enter and redeem from the invoice page itself) you get a 15% discount for the total bill. In this case, all other discounts will be invalidated.

Please note the following when developing the app

1. **The application should be a Symfony framework based app and Symfony best practices should be used all throughout the application (i.e. application generation, routing, templating etc.)**
2. **You should use Doctrine to get the ORM support**
3. **Please use Twig as the template engine**
4. **When sending your solutions, you need to provide all the instructions to set up the application in the local environment and all the assumptions you have done**
5. **You should write Tests (Unit/Integration) to test the key feature of the application. Use PHPUnit to create your tests**