

Online Retail Store (MY BASKET)

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Scope- In the following project, we will create an online retail store, “MY BASKET”.

Our retail store will provide all the essential services that an actual store offers, including buying and selling products provided by various retailers. Anyone can register on our website and start using all the facilities. The platform stores the data of the customer and the retailers along with the products provided by them.

Our platform aims to provide accessible and affordable access to products from retailers to customers. It will act as a medium between the retailer and the customers, beneficial for both.

Tech Stack-

- Database:
 - MySql
- Languages:
 - HTML
 - CSS
 - JavaScript
- Backend:
 - Django

Functional Requirements

Customer-

- Log in using email/phone number and password; the user can sign up if he is not registered on the website. Signup will require the following credentials: name, password, email and phone number.
- The user can shop in different categories of products and filter the products based on price (low to high), discount (range - start to end), and brand.
- The customer can add a product he likes to the cart, and if he doesn't want a product to buy, he can delete it. After adding all the products to the cart, he can checkout the cart. If he wants to share the cart with another user, he can share it on different platforms.
- Users can view their past orders and know about the seller's transaction details and information.
- If a user has any problem with orders or transactions, then they can seek help from Customer service to help with their problems.

- Customers can review the products and give feedback according to their experience.
- If a customer wants to delete all his information from the database, then he can delete his account.

Retailer-

- Register a new retailer (using email, password, and retailer name) or login into an existing account (using email and password).
- Add or delete products (to add a product, the retailer must specify the ID and other details) to a specific category provided by the admin. The retailer can request the admin to add a category first if the category doesn't exist.
- Retailers can access the list of past orders and the customers who ordered any product.
- If a retailer wants to delete all his information from the database, he can delete his account.
- Retailers can set discounts on products.

Admin -

- Add or delete a retailer or customer who violates the terms and conditions provided.
- Set terms and conditions to register on the site for customers and retailers.
- Add or remove a category in which the retailers will provide products.
- Admin has the information about the customers (savings done in specific time, information about the user) and the retailer (profits, information about the retailer and products provided like reviews and details).

Technical Requirement-

- Order cannot be cancelled or returned after making payment
- Every category and product should have a unique ID and mobile number, but a category and a product can have the same id.
- A retailer cannot add a product to more than one category.
- A customer will have access to only the databases of the available products and his account. He won't be able to access the databases to access the information about other users and retailers. This will ensure that the privacy of the user is maintained.
- The retailers cannot view other retailers' or customers' information; they only have access to their information.

- The customer's cart value should be more than a minimum specified amount (decided by the admin) for checkout.
- The database must handle a large amount of data without consistency issues. The quantity and rate of the products must be up to date, and the data access should be fast enough to cater to the customers' needs.