

Team-144
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Online Retail Store (ShipShop)

Project Scope:

In 2020, India had over 749 million internet users across the country. This figure was projected to grow to over 1.5 billion users by 2040. Number of annual online shoppers in India has grown by about 73% from 2018 to 2019. These statistics thereby indicate a bright and promising future in e-commerce.

In our project, we aim to build Anytime Bazaar, an Online retail store website. The main objective of our project is to design a database that can store relevant information about the customer, products and orders. When users create their accounts, their data is added to a database. When a user signs with their credentials, the account is verified from the existing database. A customer would be able to browse through categories/products and add items to their virtual shopping carts. The system would also keep track of availability of products in the product database. The customer can then choose to check out their carts. The customer would then be made to choose a preferred payment method from options like cash on delivery, UPI, net banking, etc, after which a bill containing relevant details and estimated delivery time would be generated. We would also develop an admin panel to track orders and manage warehouses and shipping. After the order is placed at the user's end, a notification is sent to the shipper, and they try to deliver the product as soon as possible to the customer's address.

Tech Stack:

Front End:

React JS, HTML, CSS, JavaScript

Back End:

MySQL, Django, Python

Functional Requirements:

- **Account creation / Login** : A customer creating an account for the first time needs to enter details such as name, phone number, address, Email address and set a password. On creating the account a user can login to his account with the help of his phone number/Email address and password.
- **Search Products and filter search results/ Browse products through categories** : Products can be searched and relevant filters can be applied such as filter by discount, price, etc.
- **Maintaining stock** : Item stock would be regularly updated. If a said item is not available, it would display out of stock to the customer and hence won't be purchasable.
- **Shopping cart** : Products can be added or removed from the shopping cart, and the cart can

be checked out by adding details such as delivery address, mode of payment, etc.

- **Payment** : While paying customers can attach coupon code to avail further discounts. A customer can choose from a variety of modes of payment options such as BazaarWallet, cash on delivery, net banking, etc. After completing the payment a bill containing relevant details would be generated and displayed to the customer.
- **Order Tracking** : After placing the order, the customer can see its status.