

E-COMMERCE APPLICATION TRD

PURPOSE:

Building an e-commerce application .

USE CASES

Potential user - user whose age are above 10 years

Feature used by user –

- Authentication
- Adding item to cart
- Placing order
- Track order
- Search
- payments
- Saving credit card information
- Save addresses
- Delete order

TECHNICAL REQUIREMENT :

- Python
- Django
- HTML
- CSS
- Database
- SQLite studio
- VS code studio

PAGES:

- Check in page which allow user to log in if account exists or create a account if don't have any
- Check out page which allow user to log out.
- Home page is the default page which comes when the customer visit website where all the options are available like all the products , search , cart , sign in ,sign out etc .
- Customer profile page contains all information about customer and customer can manage the information from here.
- Search page which allow user to search item they needed.

- Product view page is page on which products specific information is shown and from there customer add products to their carts .
- Cart list page is the page that shows the list of items chosen by customer and can complete the order checkout process.
- My order page is page that lists customer's address.
- Payments processing page

APIs:

- Authentication with google : Tthe internet is an extremely dangerous place for an online store without any form of security ,so authorizing with google account will API give genuine users authorization and protection from malicious web users.
- Shipping APIs : Having a robust shipping and delivery API helps reduce errors and compilations associated with manual sorting . ECommerce retailers can use this API to coordinate the customers's experience from the moment they complete a purchase to a movement its delivered at their doorstep .
- Payment gateway : This API provide the payment gateway so the user can make their online payment .a payment API make it easy for both developers and business to manage transactions .it laso provide a simplifies interface for user to present their card details.