



SnapBuy

E-Commerce Website

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Introduction

Welcome to SnapBuy, an innovative e-commerce platform designed to make online shopping easy, fast, and secure.

SnapBuy allows users to create an account, log in, explore a wide variety of products, add items to their cart.



Key Features

Register

The registration page enables new users to sign up using their email and password. Firebase Authentication securely handles user credentials and ensures data protection.

Login

The login page allows registered users to securely sign in using Firebase Authentication. It gives them access to their personal accounts, order history, and other account-related details.

Header

The header includes navigation links, a logo, and a dynamic cart icon that shows the number of items currently in the user's cart. It allows users to easily access different sections of the website and navigate between pages.

Products Page

The Products Page is the main section of the e-commerce website where users can browse a wide range of products.

It displays items with key details such as the product name, image, price, and a brief description.

Cart

The shopping cart enables users to add and remove products, view the total price, and manage item quantities. It ensures a seamless shopping experience and helps users keep track of their purchases.

Footer

The footer contains important information such as contact details, privacy policies, terms of service, and links to social media accounts. It offers quick access to essential resources.

Technologies

- React – Frontend framework
- Tailwind CSS – Styling with utility classesReact
- Router – Page routing and navigation
- Firebase – User authentication (Login & Register)
- Fake Store API – Product data and simulation

Conclusion

This e-commerce website project demonstrates the essential functionalities of a modern online store. It allows users to log in securely, browse products, and manage a shopping cart with ease.

The integration of user authentication, product display, and cart management ensures a smooth and interactive user experience.

Future Plans:

- Multiple Payment ways: Cash Wallet, PayPal, Insta pay
- Sidebar Contains (Wishlist & Favorites / Orders track / Notifications)
- Live Chat with Support Agents
- Admin Dashboard with Sales Analytics
- AI-based Product Recommendations



Thank you

