ElectroCOm: ECommerce website

This website application makes it easier to buy and sell electronic equipment including smartphones, laptops, and Bluetooth speakers so that customers can simply purchase the products they want and sellers can conveniently sell their goods. Based on factors like ratings, relevancy, and product details, users can explore and categorize products. A payment gateway is integrated into the website to support transactions in the real world. The implementation seeks to offer consumers who buy and sell electrical devices a safe and open platform.

Different functionalities of website:

- **Categorized product recommendation**

- **Seller authentication using blockchain**

- **Gadget recommendation:** sends notification of new products

- **Accessories recommendation:** what all things can be added with old product

- **Search:** A search functionality is introduced where customers could search for products and filter.

- **Decentralized payment:** Payment can be done in both ways. Cash payment and decentralized payment or payment by crypto wallet

- **Customer authentication using blockchain**

- **Real-time delivery data**

- **Removing of products which are against guidelines**

- **Analytics and Reports:** Analyzing of market demands and preparing the report of sales happening inside the website

- **Home:** The home page is the landing page of the platform, showcasing

featured electronic devices, promotional offers etc

- **Product listing:** The page shows all the products that are available for purchase. Users can browse and filter products based on categories such as laptop, desktop, phone, headset, speakers etc.

- **Product Detail:** The details of the product is shown in this page such as the price, the specifications of the product, their ratings, Images of the product etc.

- **Shopping cart:** This page allows the user to review and manage the products before moving to purchase. About what all things they have added and quantity, price etc is analyzed. User can remove include more products into the cart

- **Checkout:** Users enter their shipping address, select a preferred payment method and review order summary before completing the purchase.

- **User account / profile:** Registered users with access to their account information, order history, saved address and payment preferences. Users can also update their personal details,manage their wishlist, and track the status of their orders.

- **Retailer Dashboard:** This page is intended for the sellers. They can manage their inventory also the orders, add, edit , delete orders, products , price, manage payouts

- **Real-time delivery data:** Using geographical location, finding out whether the product is received to the customer. Storing the places and finding the places where the delivery agent moved

- **chatbot+LLM+human different language(LangChain)**

- **Creating personalized recommendations by querying users, producing**

results again querying etc.(Amazon bedrock)

- **Integrating a bidding platform:** Bidding of newly arrived and rare pieces for bidding