ELECTRONIC STORE (CROMA clone)

PROJECT INTRODUCTION

E-commerce is fast gaining ground as an accepted and used business paradigm. More and more business houses are implementing web sites providing functionality for performing commercial transactions over the web. It is reasonable to say that the process of shopping on the web is becoming a common place.

The objective of this project is to develop a general purpose ecommerce store where any kind of product can be bought from the comfort of home through the Internet. However, for implementation purposes, this project will deal with an online shopping for electronic product

Reference : https://www.croma.com/

FEATURES

- Login Registration System
- Login with email/password and social login (Google / Facebook)
- Admin dashboard for order management system
- User dashboard for Purchase History
- Products CRUD with advance features including categories, sub-categories, multiple image uploads etc
- Advance searching and filtering options
- Pagination and Carousel
- Star rating system
- Material UI / Ant Design for Styling
- Cart functionality with both backend/frontend implementation

- Checkout with stripe for credit card payments
- Checkout with cash on delivery
- User dashboard with password update, purchase history, Invoice/PDF download
- Deployment to Heroku / Netlify

WHAT ADMINS CAN DO

- Products CRUD
- Categories and Sub-Categories CRUD
- Create and Remove User Permissions
- Upload and Resize Product Images
- Carousal CRUD
- Cancel an Order
- Marking the order as Delivered
- Delete unnecessary Ratings

WHAT CUSTOMERS / USERS CAN DO

- SignUp by Google/FB
- Login using username and password
- Browse Products
- Browse by Categories and Sub Categories
- Searching the products
- Wishlist items
- Filter products by Price, Rating, Category, Brand
- Add and Remove items from Cart
- Applying Coupon during Checkout
- Update Password and User Details
- PDF/Invoice Download after successful order
- Cash on Delivery

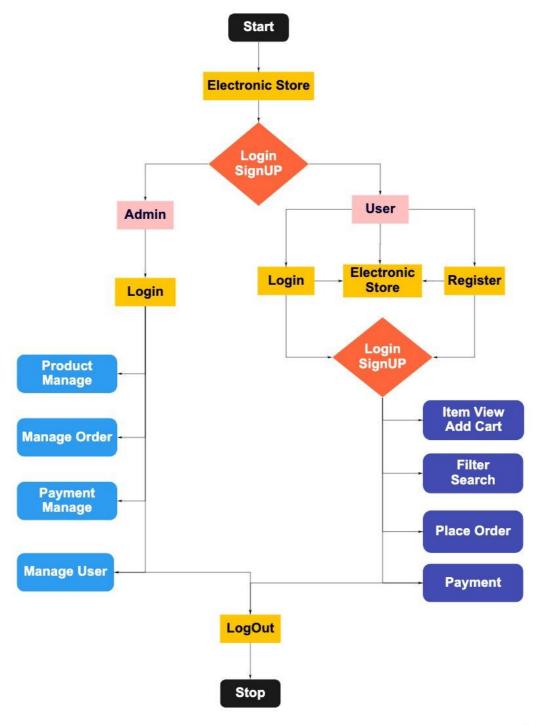- Sort products by Rating, Price, Date Added.
- Payment with Stripe

TECHNOLOGIES

- React for Front End
- Redux for State Management
- Firebase for handling Authentication
- Express JS framework
- Ant Design or Material UI for Styling Components
- MongoDB as Database
- Mongoose for Database Management
- NodeJS as Backend
- Stripe Payment Integration
- Express File-upload / Multer with Sharp
- Cloudinary for storing Images
- Heroku / Netlify for hosting

FUTURE SCOPE

- Live Tracking of Product

FLOW CHART