

HACKATHON

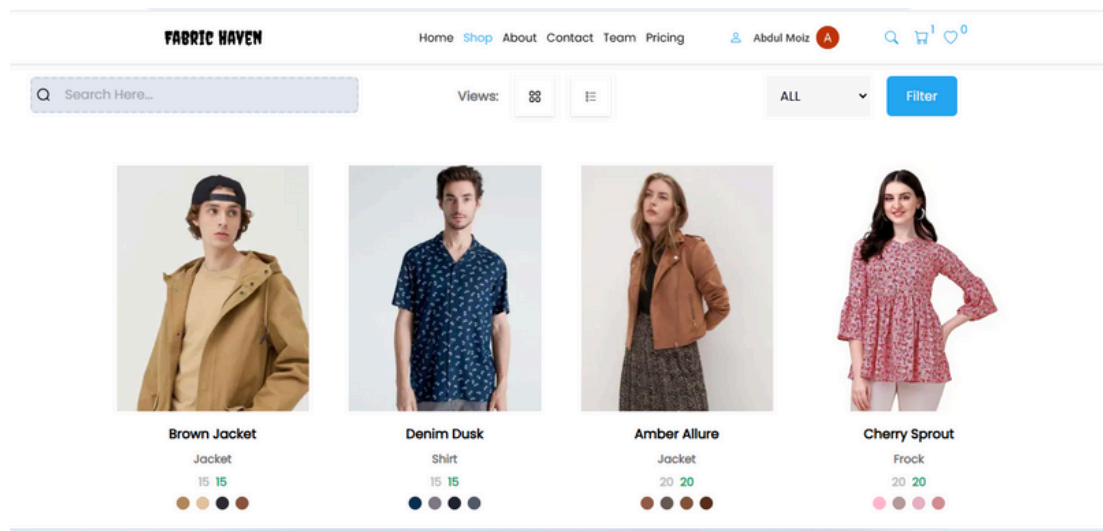
DAY 04

The Goal of Day 04 is to design and develop our marketplace. Here we have to fetch data from sanity into our marketplace and then display in our marketplace. The practice to develop a marketplace is to setup in modular form, create reusable component.

Key Section to Point Out :

Product Listing Component:

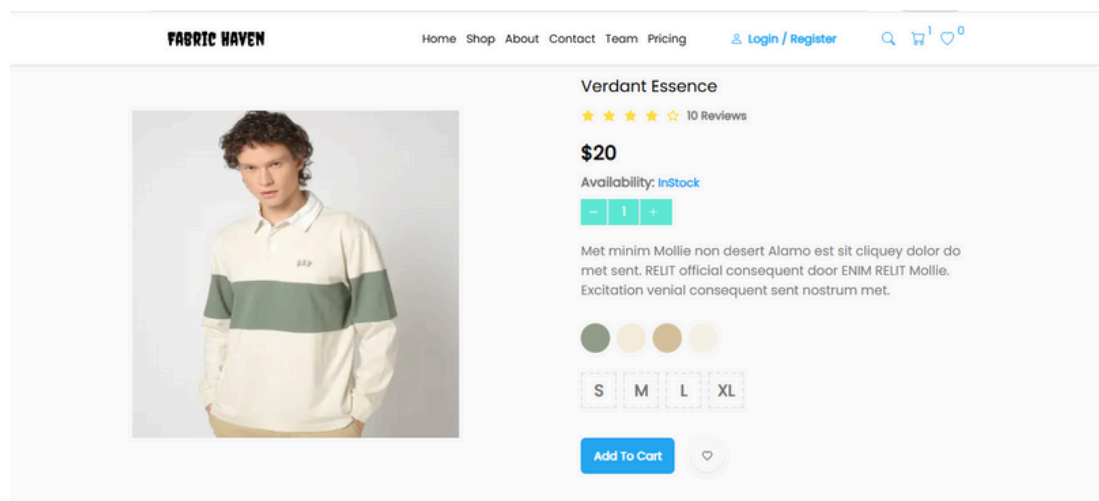
The Backbone of every e-commerce marketplace is to design and develop the product page . Here I have listed the Product via flexbox. Product have many properties like quantity, price, discount, image, name colors ,sizes and also stock. I have displayed the product like a Card with product image, name, colors. I have also include a search bar, filter operation via category and also a pagination . The challenge that I have faced on the product is to develop search bar and pagination. Here I was fetching the with query like page and limit for pagination and I was also fetching the data without query to perform operation on filter and search bar



That's the Product Listing Page that I have developed

Product Detail Page :

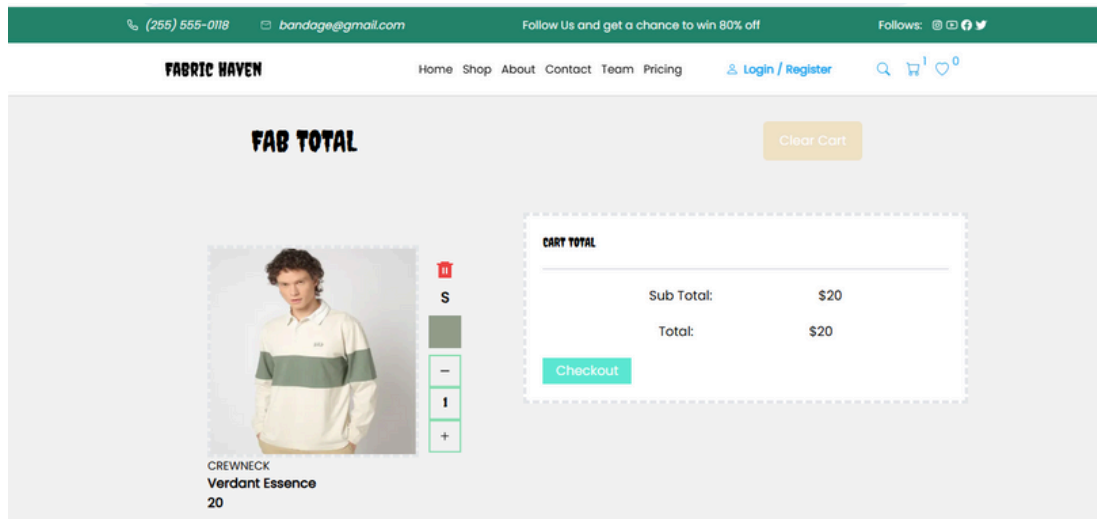
The Next Task to develop after the product page is the Product Detail Page where the complete detail of that product will show. And then Also provided the facilities to user like suggestion on product and buy the product.



This is the Detail Page of the product

Cart Page :

Once , he complete the process to buy the product in product detail page so then it's our responsibility to redirect the user to the cart page where all the list of product that he want's to buy.



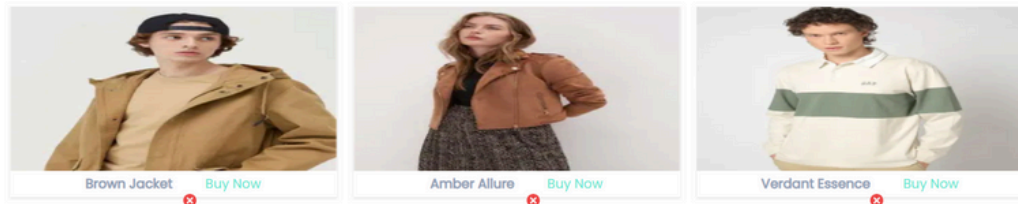
Here the Users can buy the product via checkout and also add and remove the quantity of product and delete that product and also clear cart list. Here I have displayed the current price of the product and the total price of product that user wants to buy.

Wishlist Page :

You are thinking like that , what is Wishlist page why we need it. Let me explain it, I am giving you a practical example. Suppose , You are going to supermarket and then you want to buy a product but for some reason you didn't buy the product and you want to buy it next time so you memorized the name of that product or take a picture of the product so the Wishlist page is just like that . If you want to buy a product from our website but for some reason you didn't buy it so , you can simply save in Wishlist so next time you go the website and want to buy that product, so you just simply go the Wishlist page and then the product that you want to buy will show you.

YOUR WISHLIST AWAITS

Welcome to your personalized wishlist! Here, you can keep track of all the items you love and want to save for later. Whether you're planning your next purchase or just gathering ideas, your wishlist makes it easy to revisit your top picks anytime. Don't wait too long—grab your favorites before they're gone!



Header Section :

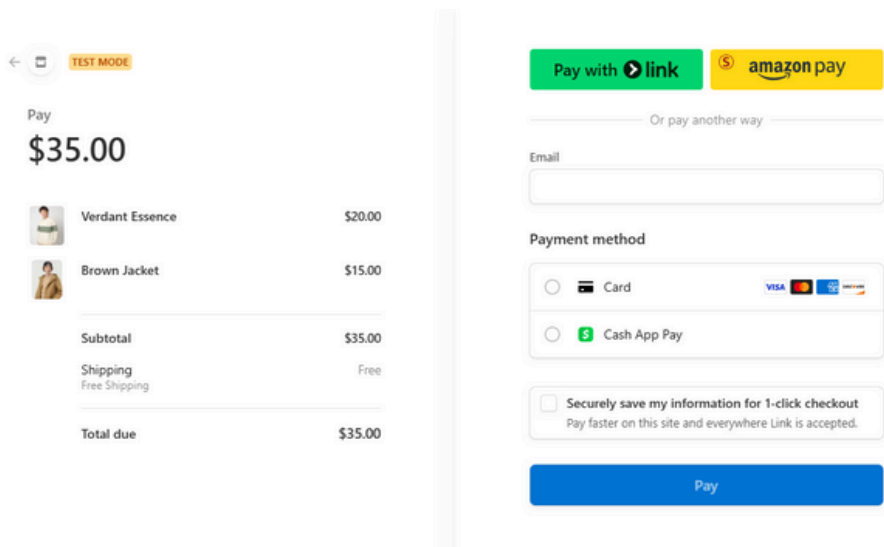
Header is the most important task in all types of we-application . With the help of header we can navigate home page to product , product to cart, cart to Wishlist and also on login signup

Footer Section :

Footer is also the most important task like Header, where the more detail of web-application is showing. Just like subscription, timing , address and many other thing

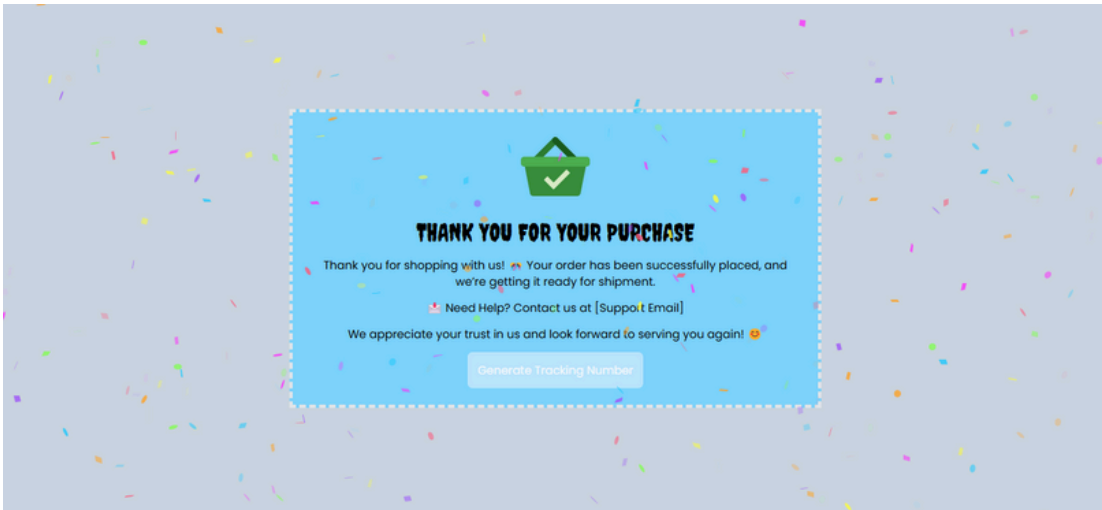
Checkout Page :

The Next important task after the product set in cart is to setup checkout page where can pay the amount of that product that he's want to buy with all formalities like email , account number , username



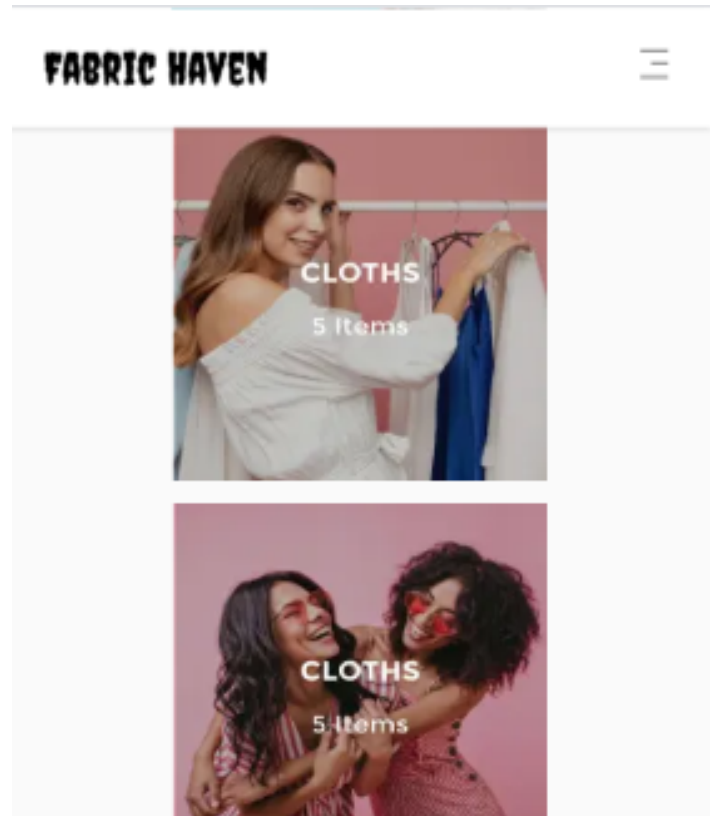
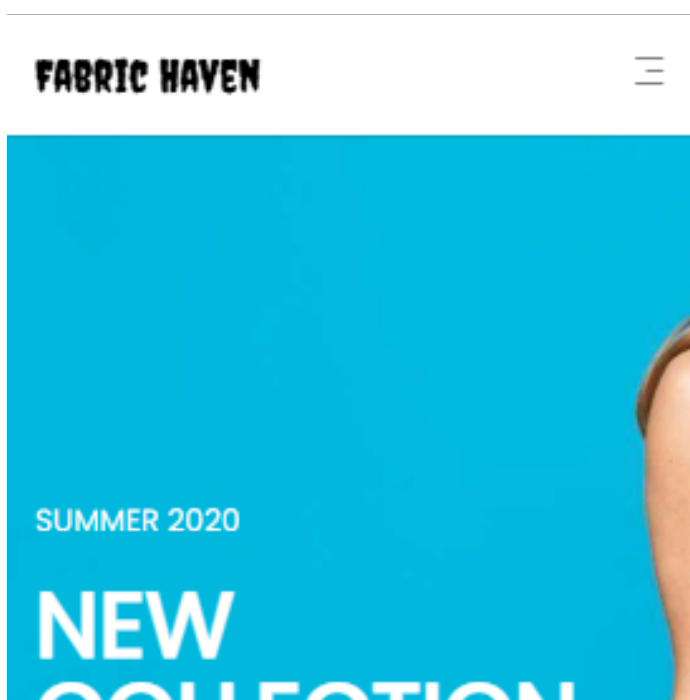
Successfully Purchase Page :

This is also a important task to show the user once he checkout completely. With a user friendly message.



Responsiveness:

The most important task rather than all task is to setup our website with multiple screen size like desktop, mobile, tablet, TV etc.



Challenges Facing :

When I was developing my marketplace , I had faced many challenges like create API route, fetching the data setup the functionality , handling the responsiveness. As a developer, we should need to think that all types of product gives us many knowledge , so when we are doing coding , we must think like that , it's a fun of hub , we solved a problem so , we should think that is the real joy and the learning asset that help's to gain knowledge of us.

A screenshot of a code editor showing the Context.tsx file. The code defines a Context component and a productReducer function. The Context component uses the useReducer hook to manage the state of the application. The productReducer function handles various actions like filtering, toggling search, and fetching product lists. The code is written in TypeScript and includes comments for each section.

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