DCIT 202 - Interim Assessment
Shopping App Project
Deadline: 5th November 2021, 11:55PM

You are required to build a functioning e-commerce shopping app using react native.

Instructions:

1. Initialize a new Expo project,
2. Create a new github account if you don't have one.
3. Create a repository and upload your newly built expo project files.
4. Submit your ID and Repository Url (Deadline: Friday, 22nd October);
Upload your project here

If you're not familiar with github here's a tutorial
Intro to Git and Github
Git Training
5. Feel free to use any design of your choice. So make use of any package you think will be helpful. Be creative

You can get some design inspirations from Design Inspirations or the assets i've added to the file.

6. Try and push your code to github as and when you work on the project.
I won't accept any code push after the deadline.

All the best

Refer to the project Requirement below.

Project Requirements.

Login
Design a login page to allow users to login. Log in fields should include username or email, and password.

Homepage
The homepage can be in a list card design with each card representing a different product. The page should scroll to allow users to scroll through multiple products.

From this home screen, the user should be able to access a settings

menu and product search bar. They should also be able to access their product cart.

Products Details

When a user clicks on a product, a detailed product detail page should open which allows them to see all relevant informatÏion for a specific product.

Product information includes:

- Product Name
- Price
- Colors
- Sizes
- Reviews
- Product images
- Ft information (size/fit)
- Shop the look
- Customers also love
- Promo information

When a user lands on a product detail page, they should see all relevant information for that specific product. In addition to the relevant product information, they should see all the product images that are associated with each product. The user should be able to scroll through the various images and tap on an image to enlarge it. The images should be high fidelity, large images of the products.

The user also needs the ability to see the associated product color options, and switch between each color. When they select a different color, they should see the color change reflected in the images. The user wants the ability to toggle the new images with the appropriate colors. Additionally, the user wants the ability to see what sizes are available for the product they are looking at. The size/product/color combination availability should be reflected in the UI/UX so that the user can quickly understand which combinations are available.

Users also need the ability to add a product to their cart. When the user selects a product and adds the product to their cart. The cart icon on the page should update with a badge to reflect the product has been added to the cart. When the user adds a product to the cart, the add to cart button should change to "go to cart".

Cart

Users need the ability to quickly see the products they have in their cart. When the user selects the cart, they should land on a page that shows all of the products they have placed in the cart.

The information they should see includes:

- Product image
- Product name

- Size
- Color
- Price

From the cart, users want the ability to edit the products they have placed there. Tapping the edit button should bring the user back to the Product detail page. Users also want the ability to remove the product from their cart entirely.

The user should also see the price of the product and be able to update the quantity of each individual product they have in the cart.

Additionally, the user should also see the total price of all the products they have in the cart and how close they are to qualifying for free shipping or any other promotion.

Checkout

When a user enters secure checkout, they should have the option to enter their personal shipping information. Fields include;

- Full Name
- Address
- Phone
- Email

Users should also have the ability to enter their payment information. The user should be able to type in the credit card information or take a photo of their CC.

After the user enters all the relevant information they will then be prompted to confirm their order and then checkout.

Once the user checks out, they should be prompted with a confirmation screen.

Relevant Links

https://reactnative.dev/docs/getting-started
https://docs.expo.dev
https://docs.expo.dev/versions/latest/sdk/async-storage/