

Products App

Main Idea

User can browse the products list, view details , filter products by category and add or delete products from cart

Pages

Create an angular app with the following pages:

- Products list (main page).
- Product details.
- Cart.
- Search Products Results. (Bonus)

Features

User can view the list of products by using the following api :

<https://dummyjson.com/products>

User can view the product details page using the following api :

<https://dummyjson.com/products/{id}>

User will be able to see product details, and can add products to cart from details page.

User can add product to cart and when items added to cart should increase the counter in navbar

When user click on cart icon, should redirected to cart page and find the list of products he added to cart with the quantity, price and total price.

User also can increase and decrease quantity of products in cart.

User can delete products from cart.

User can paginate between the products list pages by sending a query param to the products list api like the following:

<https://dummyjson.com/products?limit=12&skip=0>

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You can pass "limit" and "skip" params to limit and skip the results for pagination, and use limit=0 to get all items.

[Bonus] User can search products and redirect to a new page to view search results using the following api :

https://dummyjson.com/products/search?q={product_name}

[Bonus] User can show list of products based on categories, first you need to get list of categories and add All as default selection, then if user clicked on any category should show the results for the selected category , if user selected ALL then should call the original products api to return all results using the following api :

To get categories list: <https://dummyjson.com/products/categories>

To get products based on selected category:

https://dummyjson.com/products/category/{category_name}

To get all products list: <https://dummyjson.com/products>

Requirments

- Create a reusable components
- Share data between related components
- Redux to share data between unrelated components like cart functionality
- Use Axios for api requests and use interceptors
- Create needed routes and handle 404 page

Delivery

- Provide a sheet with the features and its initial estimate and the actual spent time.
Sheet Link (Make a copy of this sheet)
<https://docs.google.com/spreadsheets/d/1NRvrJ8pSKXGn2Y4JCvZKdcJJBIVIGqiewtQYZrIkH2U/edit?usp=sharing>
- Project should be linked with github and should push commits per feature and deliver the github link
- Project should be hosted using (vercel, netlify or github pages) whatever is easy to you and provide the link

Timeline

Project should be done and submitted within max **5 days**.

Evaluation will be based on the code quality and the working functionality and github history commits during your work.

Best of luck,