**CAPSTONE PROJECT FRONT-END**

# **FE Part 1**

The Project idea that I have for this program is an E-commerce catalog inspired from Jumia online shopping website. Its main features will take some bits of it and others from my own imagination. They’ll include:

* Homepage Layout
  + The hero section
  + Navigation bar
* Product Grid Page
  + The product cards with images, prices, title and “Add to cart” button
* Product Filters
  + Be able to filter by category, price range, brand and rating
  + Be able to sort by price(low or high), the most popular product
* Product Details Page
  + When a product is clicked, it will show:
    - Large image
    - Description
    - Specs
    - Price
    - Reviews(mocked)
* Cart Page
  + Views items added to cart
  + Remove or adjust quantity
  + Show subtotal and total
* Search Function
  + Input in nav bar that filters product list
* Responsive Design
* Fake Login Flow

In this project, I’ll mostly use React and tailwindcss.

My timeline for this project and the things I’ll be doing are as follows:

* **Week 1: Design and Setup of the foundation**
  + Design the homepage and the interactions using Figma
  + Set up Tailwindcss for styling
  + Start building the homepage and navigation
    - Build a static NavBar
    - Build a static Homepage layout and categories section
    - Create placeholder product card component
* **Week 2: Product Grid and Routing**
  + Display a dynamic list of products
  + Set up basic navigation with React Router
    - Create a static JSON file with objects
    - Create a productList page that displays all products
    - Use map() to loop through and render productCard components
    - Set up React Router
    - Make product cards clickable
* **Week 3: Product details, cart and search**
  + Implement product details view
  + Add basic cart functionality
  + Enable product search and filters
    - “Add to Cart” button that adds items to the cart
    - Cart page
    - Search bar in Navbar
    - Basic category filter buttons
* **Week 4: Polish and Submission**
  + Add fake login system
  + Polish design and interactions
  + Write a README file (with features)