

DAY 4 - BUILDING DYNAMIC FRONTEND COMPONENTS FOR YOUR MARKETPLACE

1. Product Listing Component:

```
TEMPLATE  src > app > layout.tsx > ...
> .next
> node_modules
> public
> scripts
  JS importData.mjs
  src
    app
    (store)
    cart
    redux
    TS cartslice.ts
    provider.tsx
    store.ts
    wishlistslice.ts
    page.tsx
    productCard.tsx
    OrderSystem
  ProductListingBlog
    [product]
    header.tsx
    layout.tsx
    listing.tsx
    page.tsx
    filter.tsx
    listing.tsx
    page.tsx
  studio
  TS Data.ts
  favicon.ico
  # globals.css
OUTLINE
TIMELINE
master 0 0 0 0
```

```
1 import type { Metadata } from "next";
- Environments: .env.local

Starting...
Ready in 2.7s
Your project has `@next/font` installed as a dependency, please use the built-in `next/font` instead. The `@next/font` package will be removed in Next.js 14. Read more: https://nextjs.org/docs/messages/built-in-next-font
Compiled / ...
Compiled / in 4.5s (1031 modules)

[
  {
    price: 980,
    image_url: 'https://cdn.sanity.io/images/nv4dn82/production/9b6a4fc8c65bbb4e5793fb0e1116b510d73dc9e8-630x375.png',
    rating: null,
    _id: 'product-1',
    name: 'The Poplar suede sofa',
    description: 'A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for any st
    beech legs and lambskin leather upholstery.',
    quantity: 50
  },
  {
    description: 'A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for any st
    beech legs and lambskin leather upholstery.',
    quantity: 50,
    price: 550,
    image_url: 'https://cdn.sanity.io/images/nv4dn82/production/f575d30bda78fa7680a74e131a9b25add2247210-5501x3095.jpg',
    rating: null,
    _id: 'product-10',
    name: 'Tropical Vibe'
  },
  {
    rating: null,
    _id: 'product-11',
    name: 'Sleek Living',
    description: 'A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for any st
    beech legs and lambskin leather upholstery.',
    quantity: 50,
    price: 300,
  },
  {
    rating: null,
    _id: 'product-12',
    name: 'Serene Seat',
    description: 'A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for any st
    beech legs and lambskin leather upholstery.',
    quantity: 50,
    price: 350,
  }
]
```



The Poplar suede sofa

£980



Tropical Vibe

£550



Sleek Living

£300

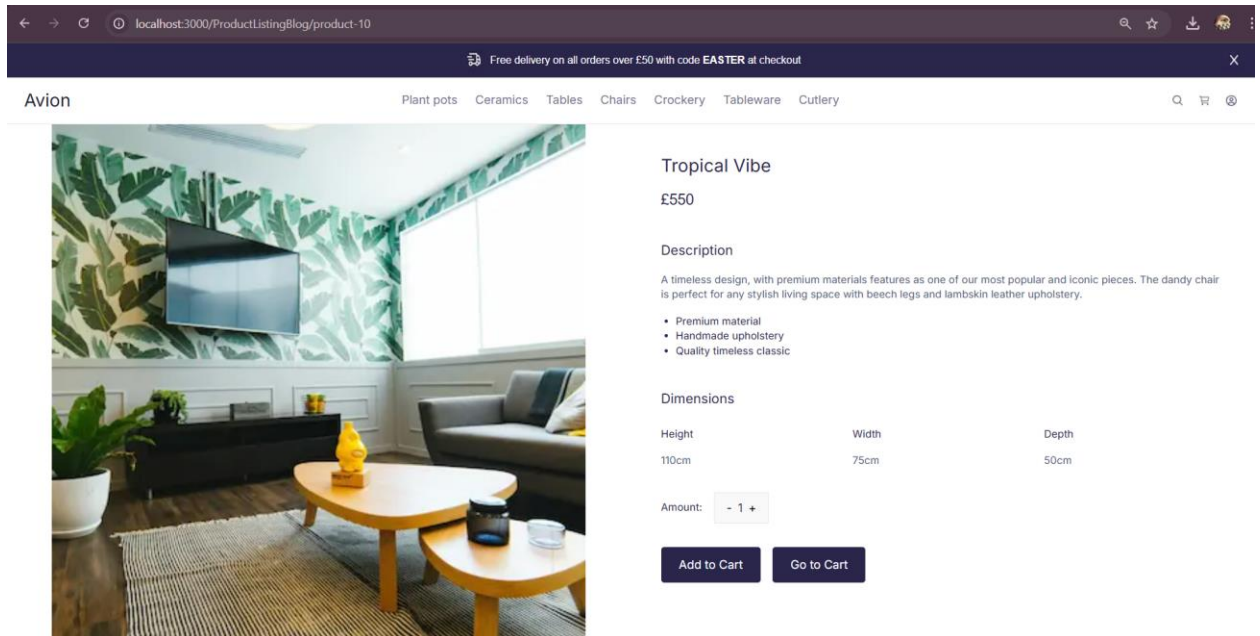


Serene Seat

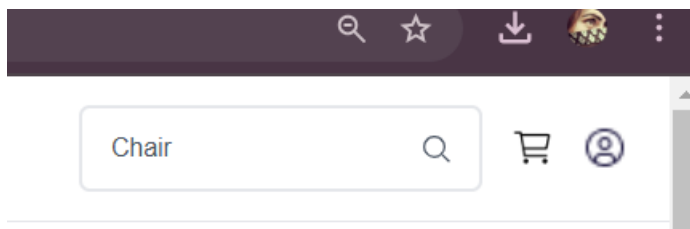
£350



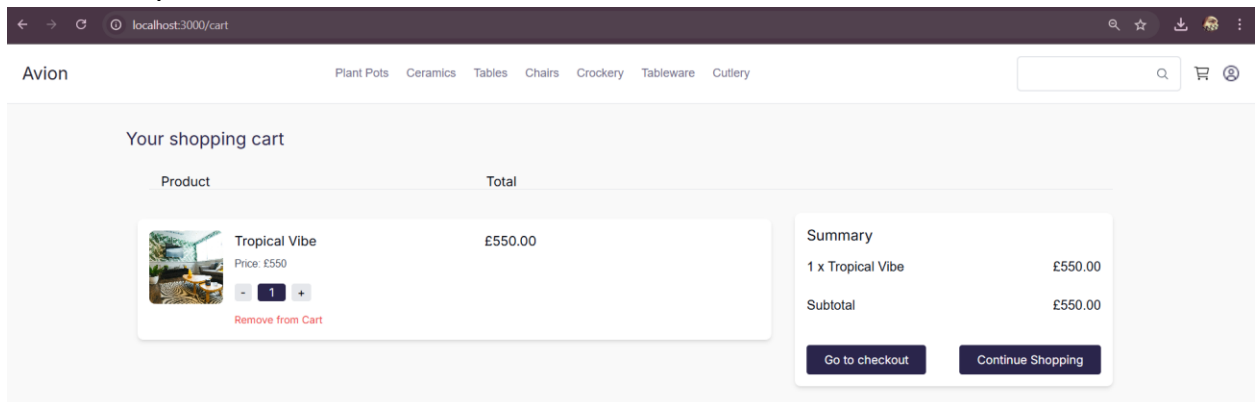
2. Product Detail Component:



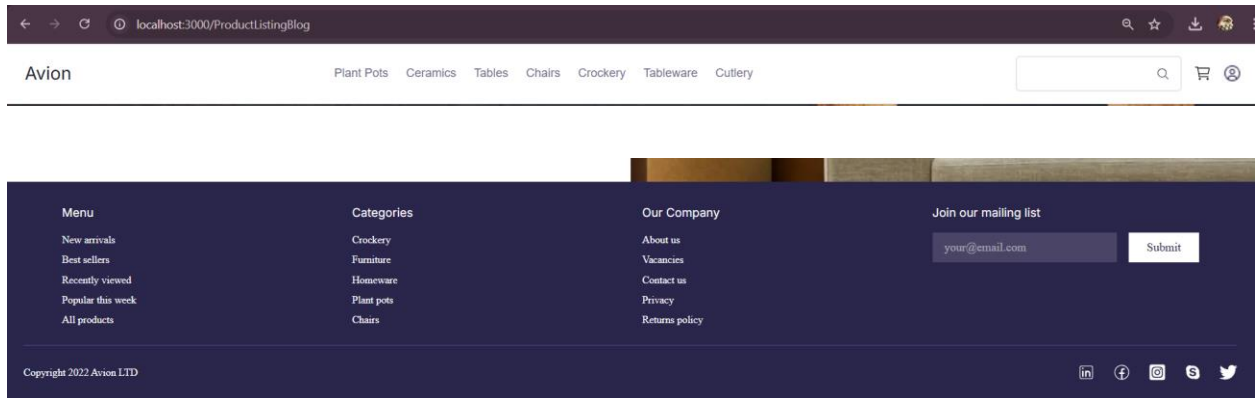
3. Search Bar:



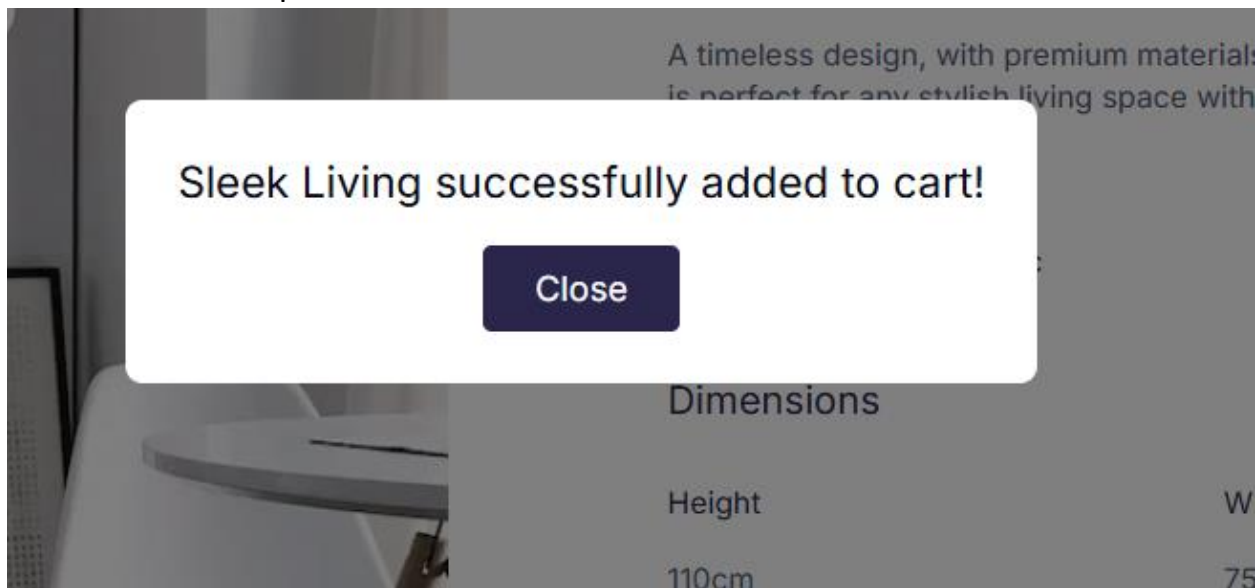
4. Cart Component:



5. Footer and Header Components:



6. Notifications Component:



Checklist for Day 4:

Self-Validation Checklist:

- Frontend Component Development: ✓
- Styling and Responsiveness: ✓
- Code Quality: ✓
- Documentation and Submission: ✓
- Final Review: ✓