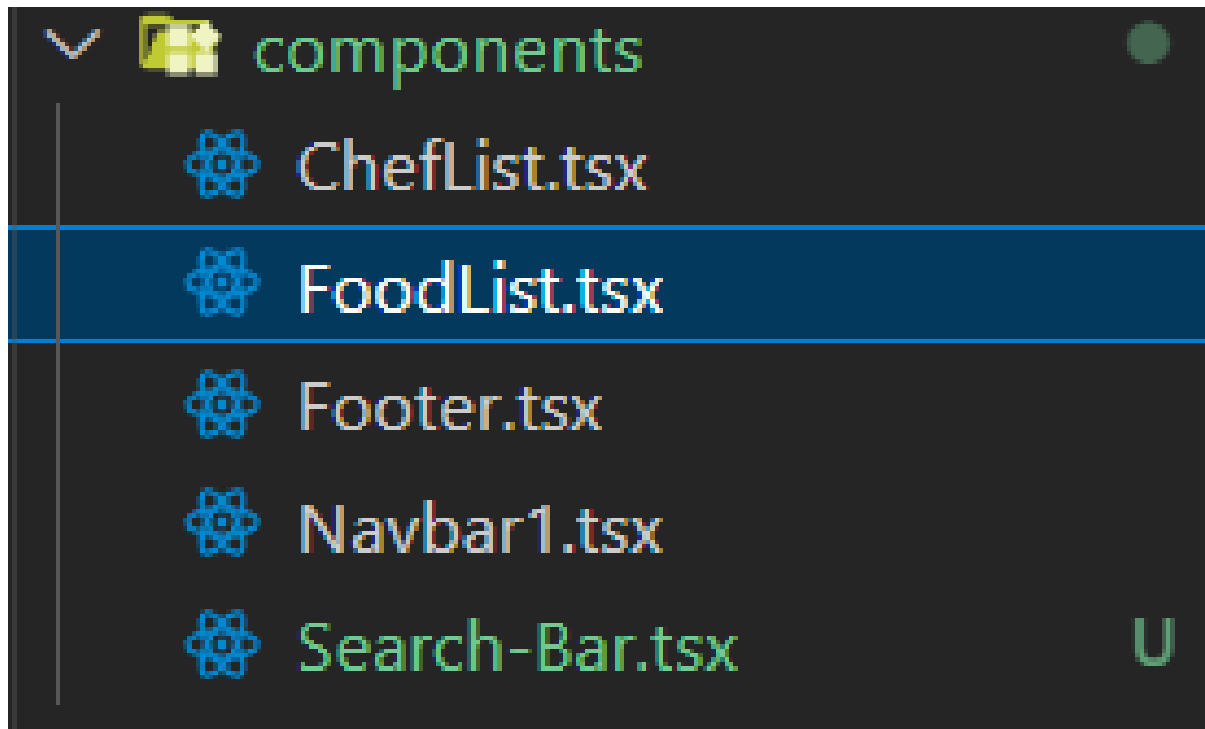


## Day 4 - Dynamic Frontend Components - [FoodTuck]

This report details the process displaying frontend Nextjs component in my application.

### Frontend Components:



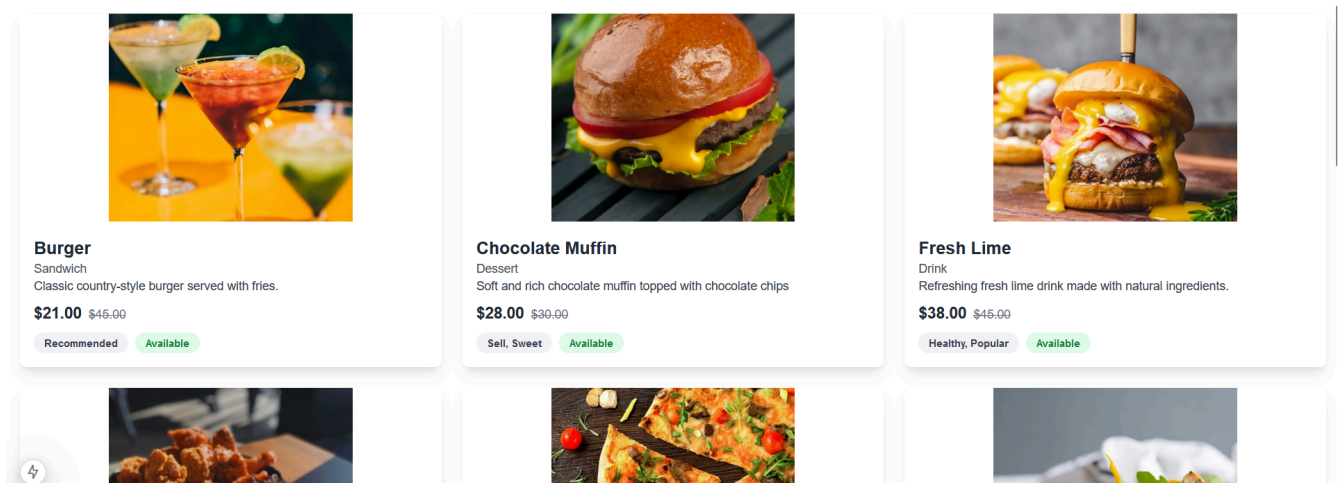
## FoodList.tsx: Fetches Sanity data and displays it in Frontend (Food Products)

```
}

async function getFoods(): Promise<Food[]> {
  return client.fetch(`*[ _type == "food" ] {
    _id,
    name,
    slug,
    category,
    price,
    originalPrice,
    tags,
    image,
    description,
    available
  }`);
}

export default async function FoodList() {
  const foods = await getFoods();

  return (
    <div className="grid grid-cols-1 sm:grid-cols-2 lg:grid-cols-3 gap-6 p-4">
      {foods.map((food) => (
        <Link
          href={` /product/${food.slug.current}`}
          key={food._id}
          className="bg-white rounded-lg overflow-hidden shadow-lg h-fit hover:shadow-xl transition-shadow"
        >
          {food.image && (
            <div className="relative h-60">
              <Image
                src={urlFor(food.image).url() || "/placeholder.svg"}
                alt={food.name}
                fill
              />
            </div>
          )}
        </Link>
      )}
    </div>
  );
}
```



## Product Dynamic Route:

---



### Chocolate Muffin

Dessert

**\$28.00**

~~\$30.00~~

Soft and rich chocolate muffin topped with chocolate chips

Sell, Sweet

Available

Add To Cart

Checkout

## ChefList.tsx: Fetches Sanity data and displays it in Frontend(Chef Products)

```
import { client } from '@sanity/lib/client';
import Image from 'next/image';
import { urlFor } from '@sanity/lib/image';
import { SanityImageSource } from '@sanity/image-url/lib/types/types';

interface Food {
  _id: string;
  name: string;
  position: string;
  experience: number;
  specialty: string;
  image: SanityImageSource;
  description: string;
  available: boolean;
}

async function getChef(): Promise<Food[]> {
  return client.fetch(`*[ _type == "chef" ] {
    _id,
    name,
    position,
    experience,
    specialty,
    image,
    description,
    available,
  }`);
}

export default async function ChefList() {
  const chefs = await getChef();

  return (
    <div className="grid grid-cols-1 sm:grid-cols-2 lg:grid-cols-3 gap-6 p-4">
      {chefs.map((chef) => (
        <div key={chef._id} className="bg-white rounded-lg overflow-hidden shadow-lg h-fit">
          <img alt={chef.image} />
          <div>
            <h3>{chef.name}</h3>
            <p>{chef.position}</p>
            <p>{chef.description}</p>
            <p>{chef.experience}</p>
            <p>{chef.specialty}</p>
            <p>{chef.available ? 'Available' : 'Not Available'}</p>
          </div>
        </div>
      ))}
    </div>
  );
}
```



### Munna Kathy

Culinary Instructor Years Of Experience  
Pioneer in Asian fusion dishes blending traditional flavors with modern techniques.

Asian Fusion

Available



### Bisnu Devgon

Executive Chef Years Of Experience  
Expert in international cuisines and menu planning.

Global Cuisine

Available



### Jorina Begum

Sous Chef Years Of Experience  
Specializes in creative pastries and dessert innovations

Pastry and Desserts

Available



## Search-Bar.tsx: Search bar component that searches for products

```
import { useState } from 'react'
import { useRouter } from 'next/navigation'
import Image from 'next/image'
import { Input } from "@components/ui/input"
import { Button } from "@components/ui/button"
import { client } from '@sanity/lib/client'

interface FoodItem {
  _id: string
  name: string
  slug: { current: string }
  price: number
  image: string
}

export function SearchBar() {
  const [query, setQuery] = useState('')
  const [results, setResults] = useState<FoodItem[]>([])
  const router = useRouter()

  const handleSearch = async () => {
    if (query.trim() === '') {
      setResults([])
      return
    }

    const searchResults = await client.fetch<FoodItem[]>(`
      *[ _type == "food" && name match $searchQuery ] {
        _id,
        name,
        slug,
        price,
        "image": image.asset->url
      } [0...5]`,
      { searchQuery: `*${query}*` })
  }
}
```

Search

**Chocolate Muffin**

\$28.00

## Navbar.tsx: For Navigating Pages

```
export default function Navbar1() {
  return (
    <>
      <div className="text-center hidden sm:block">
        <Link href="/" className="text-4xl font-bold text-orange-500">
          Food<span className="text-white">tuck</span>
        </Link>
      </div>
      <nav className="left-0 right-0 z-50 bg-black/95 text-white">
        <div className="container mx-auto px-4">
          <div className="flex items-center justify-evenly h-20">
            { /* Logo */ }
            <Link href="/" className="text-2xl font-bold text-orange-500 lg:hidden">
              Food<span className="text-white">tuck</span>
            </Link>

            { /* Desktop Navigation */ }
            <div className="hidden md:flex items-center space-x-8">
              <Link href="/" className="text-orange-500">Home</Link>
              <Link href="/menu" className="hover:text-orange-500 transition-colors">Menu</Link>
              <Link href="/blog" className="hover:text-orange-500 transition-colors">Blog</Link>
              <Link href="/pages" className="hover:text-orange-500 transition-colors">Pages</Link>
              <Link href="/about" className="hover:text-orange-500 transition-colors">About</Link>
              <Link href="/shop" className="hover:text-orange-500 transition-colors">Shop</Link>
              <Link href="/contact" className="hover:text-orange-500 transition-colors">Contact</Link>
            </div>

            { /* Search and Cart */ }
            <div className="flex items-center space-x-4">
              <div className="hidden sm:flex items-center bg-transparent border border-gray-700 rounded-full px-4 py-2">
                <input
                  type="text"
                  value=""
                  placeholder="Search..."
                />
              </div>
              <div>
                <img alt="Cart icon" data-bbox="815 675 840 695" />
                <span>0</span>
              </div>
            </div>
          </div>
        </div>
      </nav>
    </>
  )
}
```

**Foodtuck**

[Home](#) [Menu](#) [Blog](#) [Pages](#) [About](#) [Shop](#) [Contact](#)

Search...



## Footer.tsx: Footer Page

```
    <p className="text-gray-400">Sunday - Closed</p>
  </div>
</div>
</div>

{/* Useful Links */}
<div>
  <h3 className="text-xl font-bold mb-4">Useful Links</h3>
  <ul className="space-y-2 text-gray-400">
    <li><Link href="/about">About</Link></li>
    <li><Link href="/news">News</Link></li>
    <li><Link href="/partners">Partners</Link></li>
    <li><Link href="/team">Team</Link></li>
    <li><Link href="/menu">Menu</Link></li>
    <li><Link href="/contact">Contact</Link></li>
    <li><Link href="/blog">Blog</Link></li>
    <li><Link href="/pages">Pages</Link></li>
    <li><Link href="/shop">Shop</Link></li>
    <li><Link href="/cart">Account</Link></li>
    <li><Link href="/cart">Cart</Link></li>
  </ul>
</div>

{/* Help */}
<div>
  <h3 className="text-xl font-bold mb-4">Help?</h3>
  <ul className="space-y-2 text-gray-400">
    <li><Link href="/faq">FAQ</Link></li>
    <li><Link href="/term">Term & Condition</Link></li>
    <li><Link href="/reporting">Reporting</Link></li>
    <li><Link href="/documentation">Documentation</Link></li>
```


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