

# Day 4 - Dynamic Frontend Components - Hekto Web

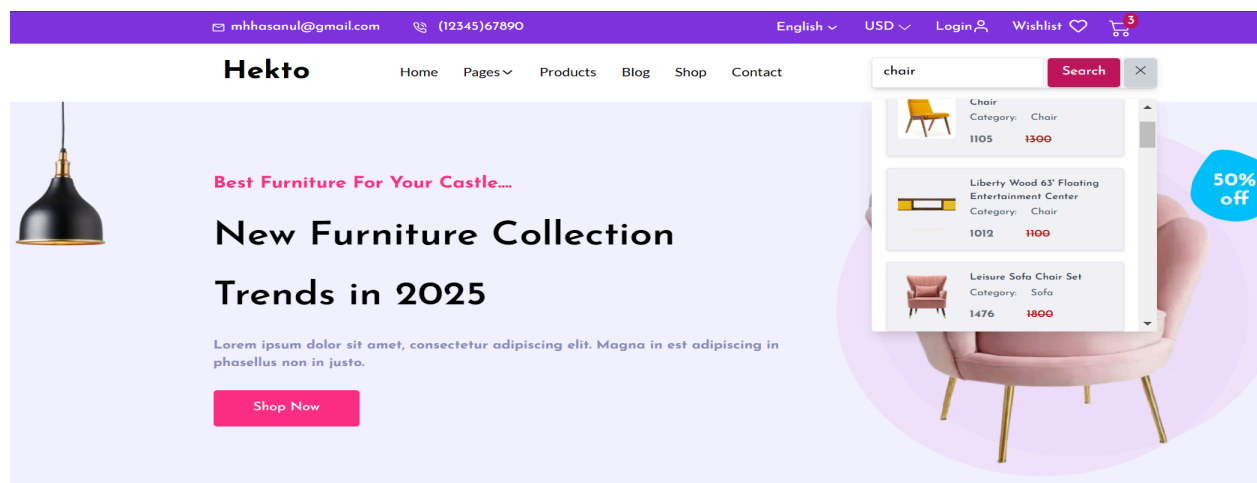
## Introduction:

This document provides a detailed overview of the E-commerce Furniture Website project. The platform focuses on selling furniture items and includes features like dynamic routing, reusable components, add-to-cart functionality, real-time notifications, checkout processes, and real-time stock updates integrated with Sanity CMS.

## Key Features and Functionalities

### 1. Search Functionality:

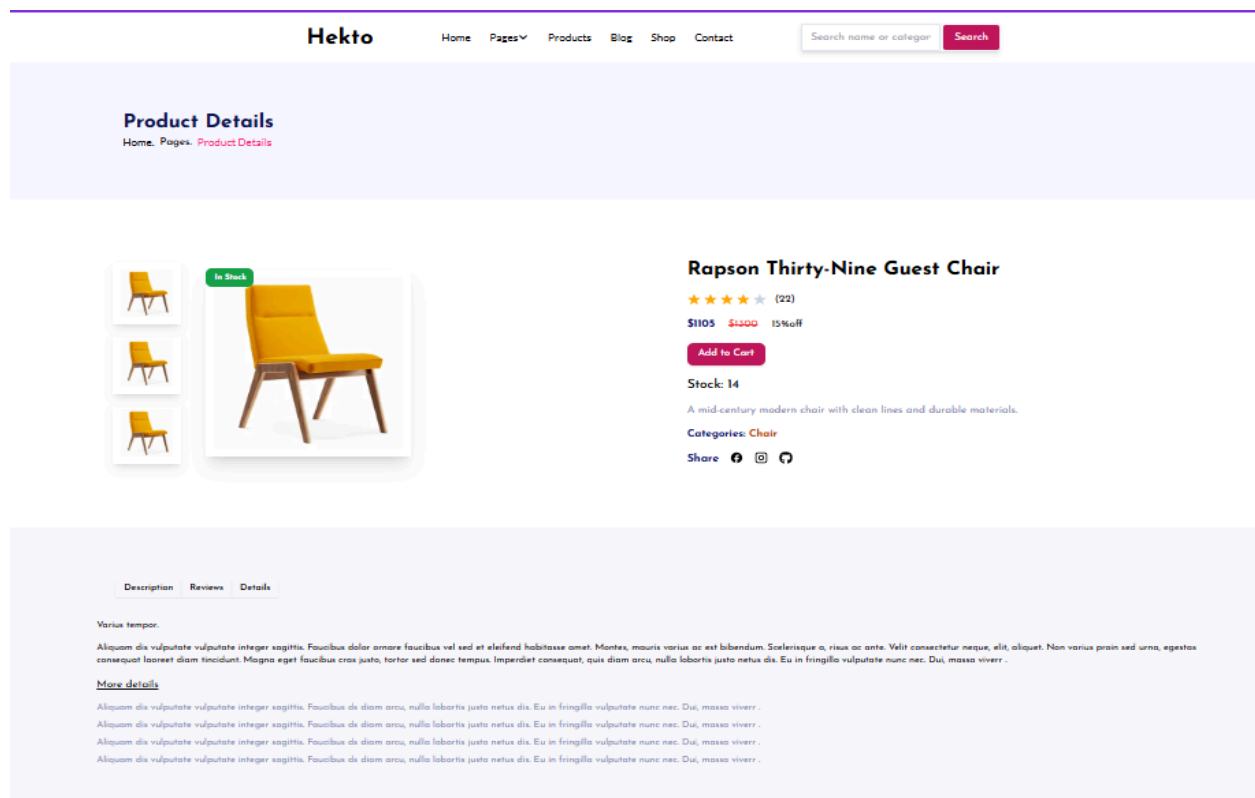
- A fully functional search bar allows users to search for products dynamically by name or tags.
- Instant filtering displays relevant results as the user types.



By Ayesha Aziz

## 2. Dynamic Routing for Product Details

- **Implemented dynamic routing using Next.js.**
- **Each product has its own detail page displaying:**
  - **Product Name**
  - **Description**
  - **Price**
  - **Availability (Stock Status)**
  - **Images**



## 3. Reusable Components

- **Built modular and reusable components to ensure scalability and maintainability.**
- **Examples include:**
  - **ProductCard Component**
  - **Navbar Component**
  - **Footer Component**

## 4. Add-to-Cart Functionality

- **Users can add products to their cart dynamically.**
- **Features include:**
  - **Display of total items and price in the cart.**
  - **Quantity adjustment for products directly in the cart.**

mhhosanul@gmail.com

(12345)67890

English

USD

Login

Wishlist

5

Hekto

Home

Pages

Products




Blog

Shop

Contact

Search name or category

Search

Product	Price	Quantity	Total	Remove
 Rapson Thirty-Nin...	\$1105	<div>- 2 +</div>	\$2210	<div>×</div>
 Cozy Armchair	\$478.4	<div>- 1 +</div>	\$478.4	<div>×</div>
 Diondre Chair - Tu...	\$669.6	<div>- 2 +</div>	\$1339.2	<div>×</div>

Clear Cart

Cart Totals

Subtotals:

\$4027.6

Totals:

\$4027.6

Shipping & taxes calculated at checkout.

Proceed To Checkout

Calculate Shipping

Bangladesh

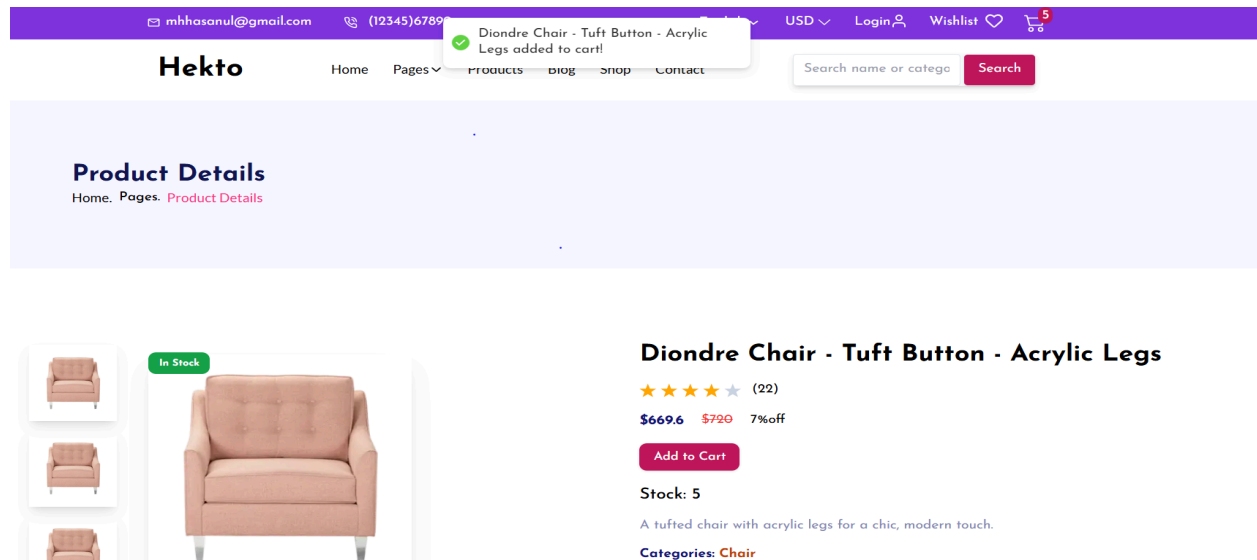
Mirpur Dhaka - 1200

Shipping & taxes calculated at checkout.

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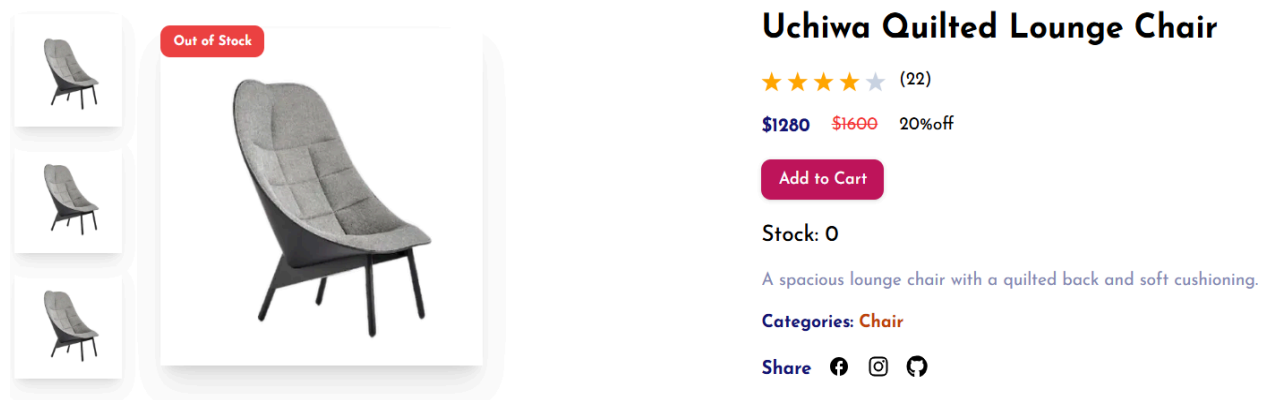
## 5. Real-Time Notifications

- **Integrated toast notifications to enhance user experience.**
- **Notifications include:**
  - **Confirmation of items added to the cart.**
  - **Alerts for errors (e.g., adding out-of-stock items).**



## 7. Real-Time Stock Updates

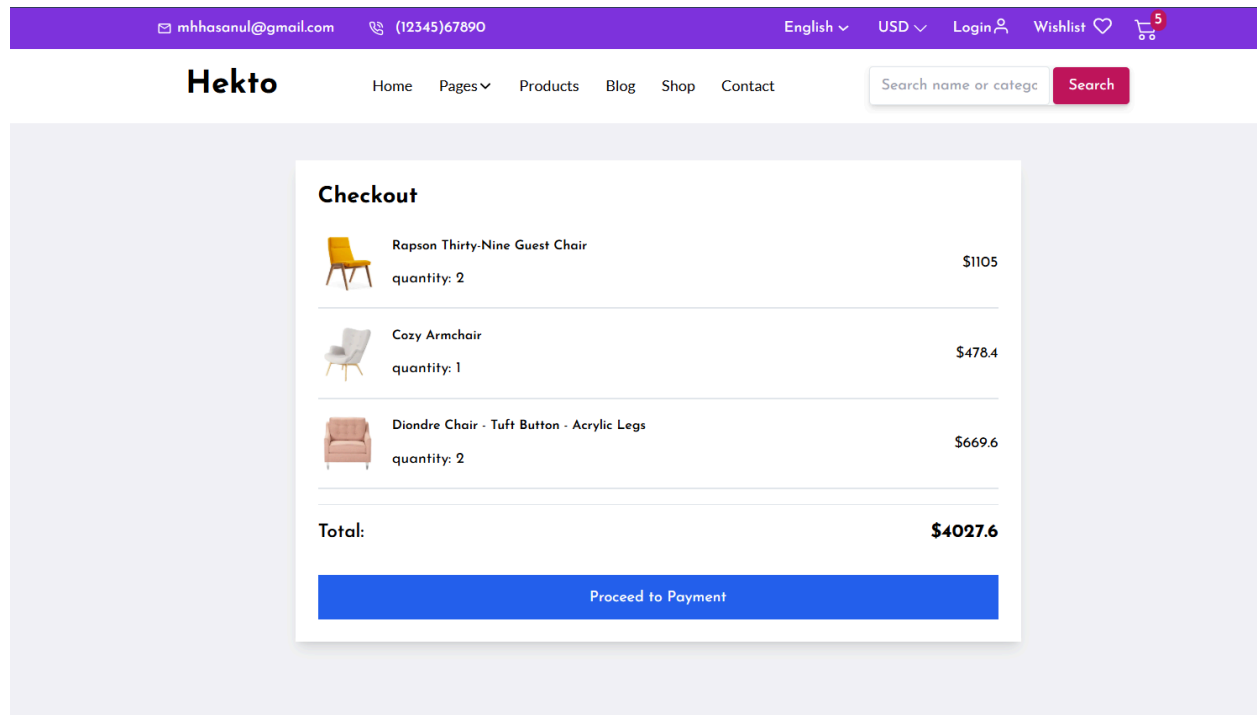
- **Implemented stock management integrated with Sanity CMS.**
- **Features include:**
  - **Real-time stock updates in the backend whenever a product is added to the cart.**
  - **Preventing users from adding out-of-stock items to their cart.**
  -



**By Ayesha Aziz**

## 6. Checkout Page

- **A multi-step checkout page was designed, including:**
  - **Billing and shipping address forms.**
  - **Mock payment gateway integration.**
  - **Order summary before confirmation.**



By Ayesha Aziz

# FAQ Page

## FAQ

Home. Pages. [Faq](#)

## General Information

### Eu dictumst cum at sed euismood condimentum?

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Tincidunt sed tristique mollis vitae, consequat gravida sagittis.

### Magna bibendum est fermentum eros.

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### Odio muskana hak eris conseequin scelerat?

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### Elit id blandit sabara boi velit quia morbi?

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Tincidunt sed tristique mollis vitae, consequat gravida sagittis.

## Ask a Question

Send Mail

## Hekto Demo

Cart/ Information/ Shipping/ Payment

Already have an account? [Log in](#)

### Contact Information

Email or mobile phone number

☐ Keep me up to date on news and exclusive offers

### Shipping address

First name (optional)

Last name

Address


Appaetnment,suit,e.t.c (optinal)

city


Bangladesh

Postal code


Continue Shipping

 **Rapson Thirty-Nine Guest Chair**  
quantity:2

\$1105

 **Cozy Armchair**  
quantity:1

\$478.4

 **Diondre Chair - Tuft Button - Acrylic Legs**  
quantity:2

\$669.6

**Subtotals:**

\$4027.6

**Totals:**

**\$4027.6**

☐ Shipping & taxes calculated at checkout

Proceed To Checkout

## Tools and Technologies Used

- **Frontend: Next.js, Tailwind CSS**
- **Backend CMS: Sanity (for dynamic content management)**
- **State Management: React Context API**
- **Notifications: React Toastify**

## **Conclusion**

*The E-commerce Furniture Website successfully demonstrates the integration of advanced frontend and backend features, emphasizing real-time functionality and user experience. The use of dynamic routing, reusable components, and real-time stock management with Sanity CMS showcases a professional and scalable approach to modern web development.*

## **Final Checklist**

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

**By Ayesha Aziz**