

DYNAMIC FRONTEND COMPONENTS

(Hekto Furniture Website)

TASK FOR DAY: 4

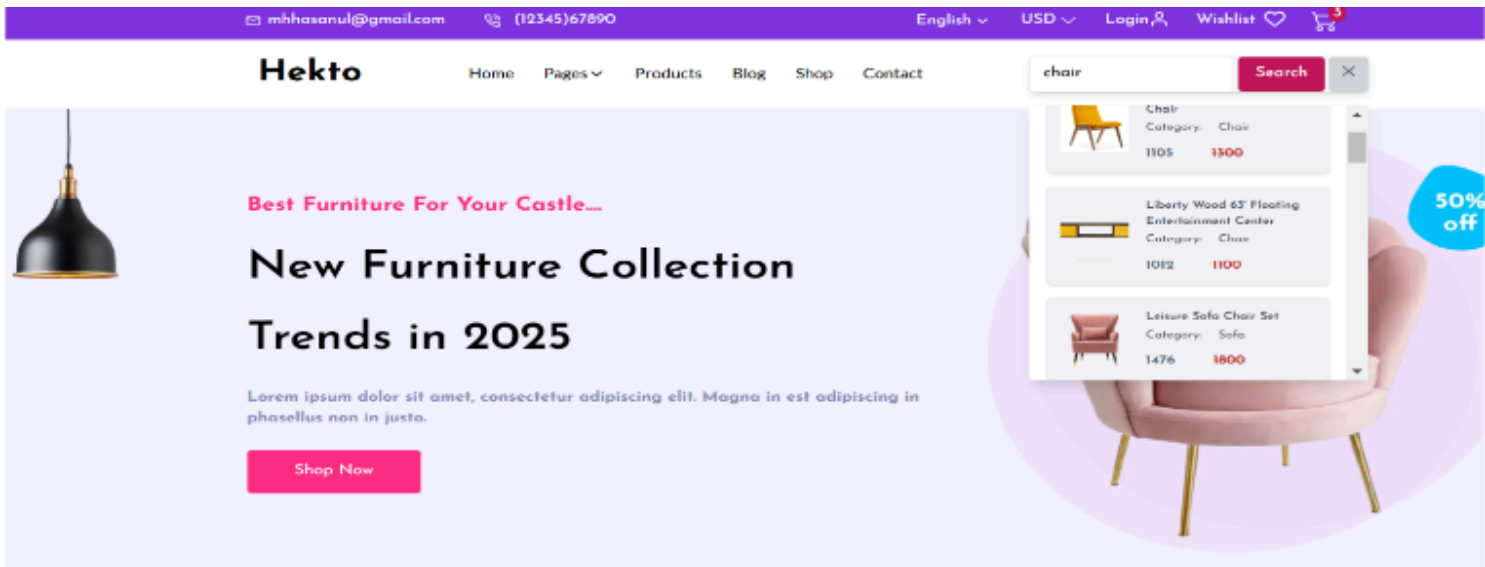
Introduction:

Dynamic components power your furniture website with features like reusable designs, dynamic routing, real-time stock updates, seamless 'Add to Cart' and checkout, notifications, and Sanity CMS integration for effortless content management and updates.

Key Features and functionalities:

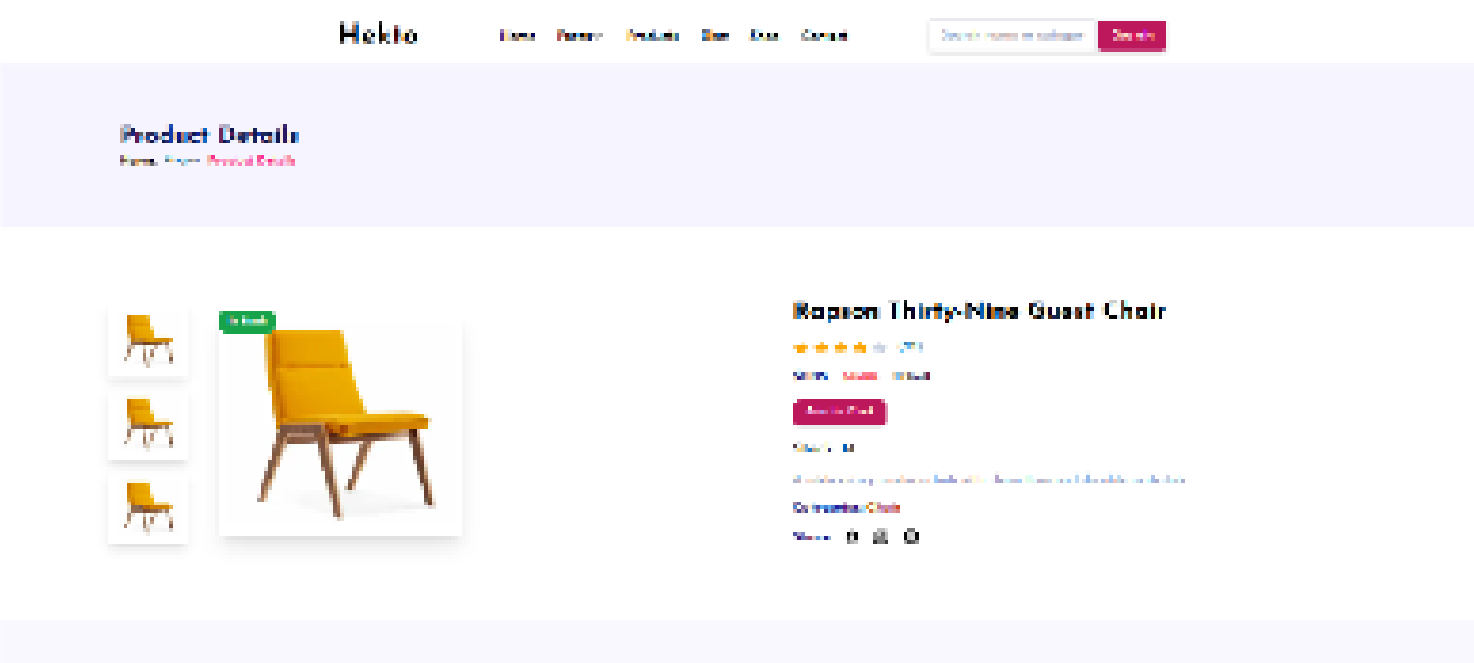
Search Functionality:

- Dynamic search bar allows users to find products instantly by name or tags.
- Real-time filtering displays relevant results instantly as users type.



Dynamic Routing For Product Details:

- Implemented dynamic routing using Next.js
- Each product has is own detail
- Product name
- Description
- Price
- Availability (stock status)
- Images



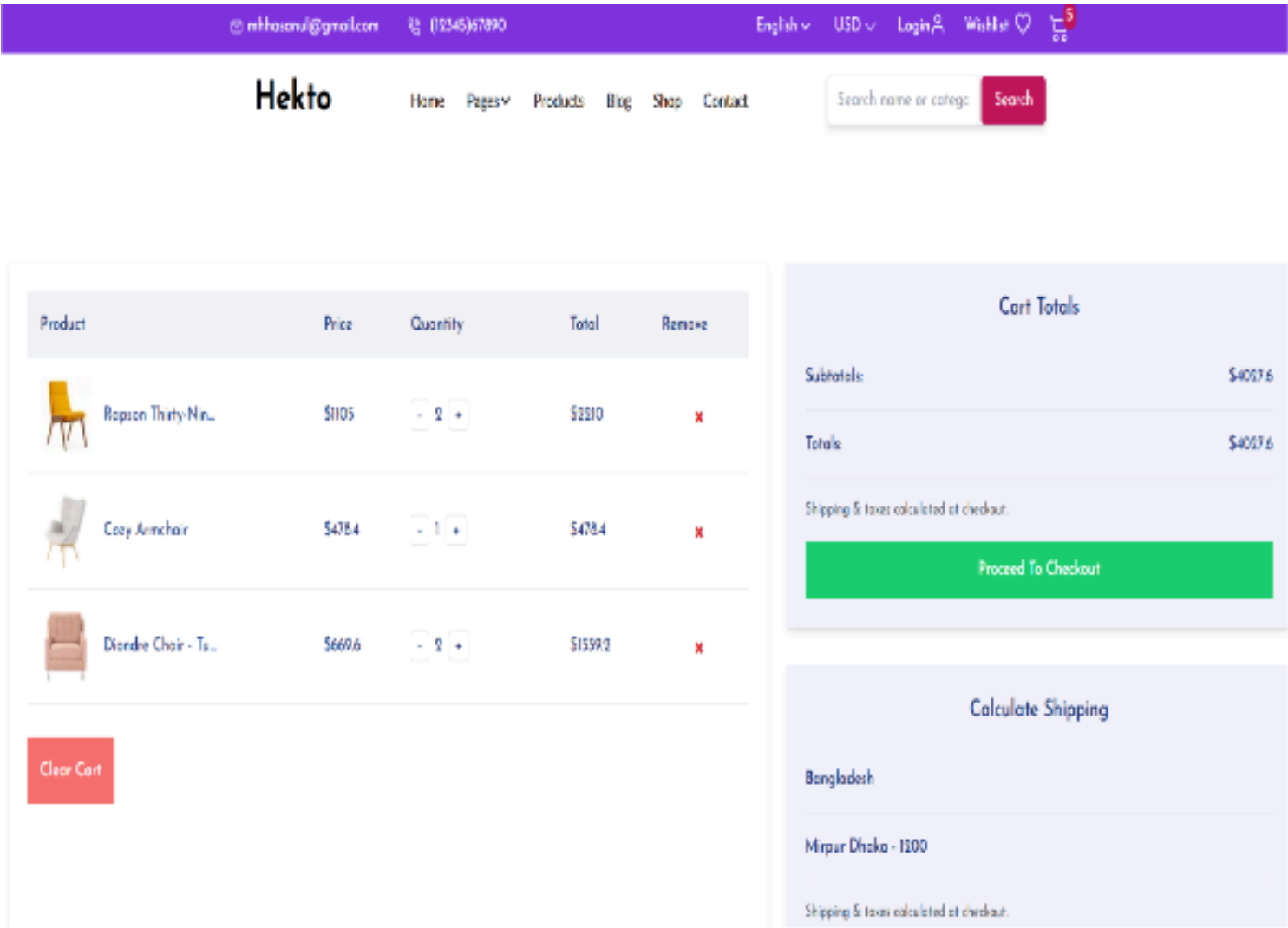
Reusable Components:

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

Add to Cart Functionality:




- User can add products to their cart dynamically.
- Features inculde:

- Display of total items and price in the cart
- Quantity adjustment for products directly in the cart




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)



In Stock



Diondre Chair - Tuft Button - Acrylic Legs

★★★★☆ (22)

\$669.6

\$720

7% off

Add to Cart




Stock: 5

A tufted chair with acrylic legs for a chic, modern touch.


Categories: Chair

Real Time Stock Updates:

- Implemented stock management intrgrated 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



Out of Stock



Uchiwa Quilted Lounge Chair

★★★★☆ (22)

\$1280

\$1600

20% off

Add to Cart

Stock: 0

A spacious lounge chair with a quilted back and soft cushioning.

Categories: Chair

Share

Checkout Page:

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

FAQ

Home, Pages, **FAQ**

General Information

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Ask a Question

Your Name

Subject*

Type Your Message*

Send Mail

Hekto Demo

Cart / Information / Shipping / Payment

already have an account? [Log In](#)

Contact Information

Email or mobile phone number

11

10 characters up to 100 characters and must start with a letter

Shipping address

First name (optional)

Last name

Address

Apartment, suite, etc. (optional)

City

Bangladesh

Postal code

Continue Shipping

	Rapson Thirty-Nine Guest Chair quantity: 2	\$1105
	Grey Armchair quantity: 1	\$478.4
	Diamond Chair - Tufted Back - Acrylic Legs quantity: 2	\$669.6

Subtotal:	\$4592.6
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
				

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