

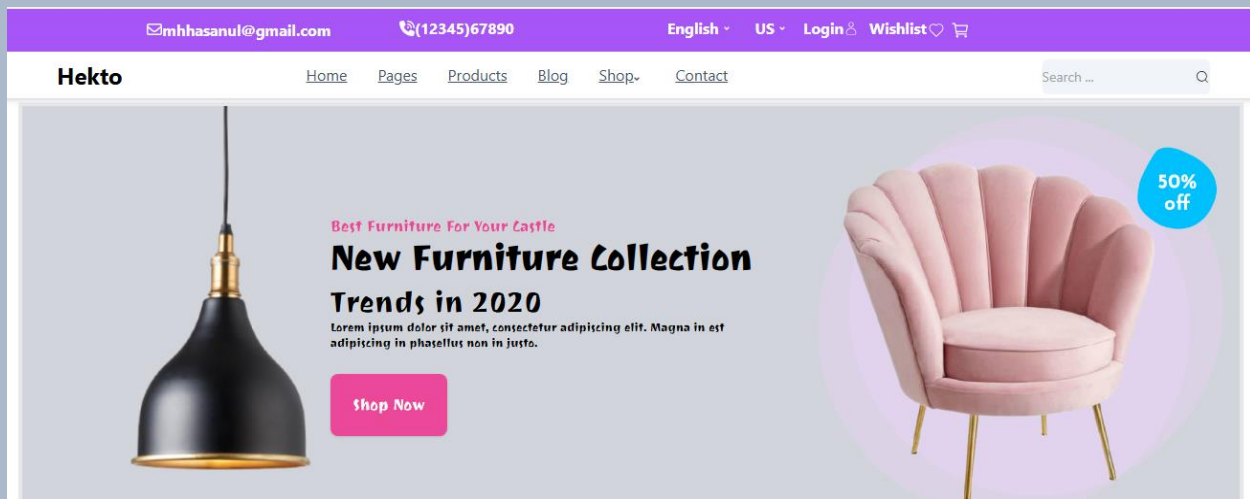
HACKATHON

DAY:4

Introduction and Purpose of Rental E-Commerce:

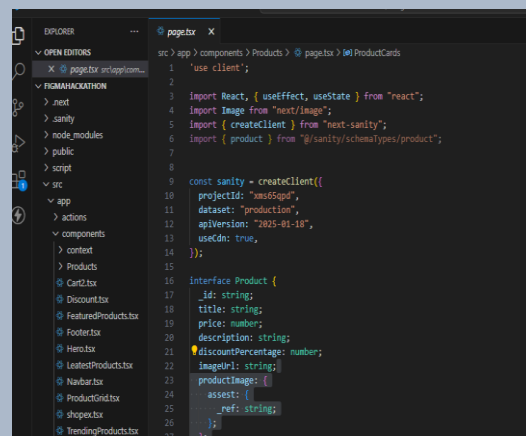
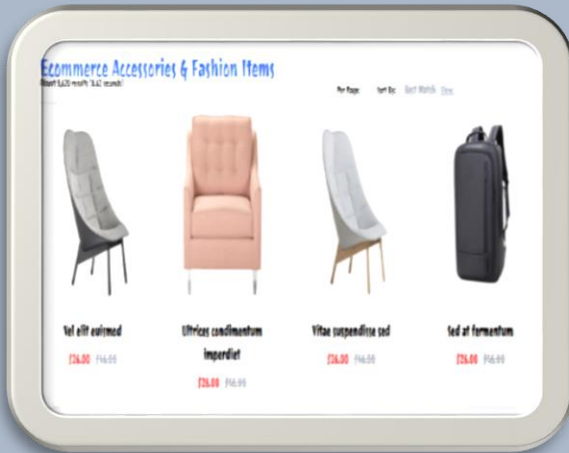
A rental ecommerce website allows users to browse, rent, and manage products for a set period. Its purpose is to provide a convenient platform for customers to access products for temporary use, such as electronics, furniture, or equipment, with easy online transactions and delivery options.

Frontened Development:



Product Listing Page:

This product listing page showcases "Ecommerce Accessories & Fashion Items," featuring a grid layout with discounted prices for various items such as chairs and bags. Users can sort products by "Best Match" and adjust the view or items per page.



Icons and Title:

This product page includes tags such as "Accumsan tincidunt" for titles and icons for actions like adding to cart, saving to favorites, and zooming in. The layout highlights item descriptions, prices, and discounts.



Accumsan tincidunt

\$75.00 ~~\$100.00~~

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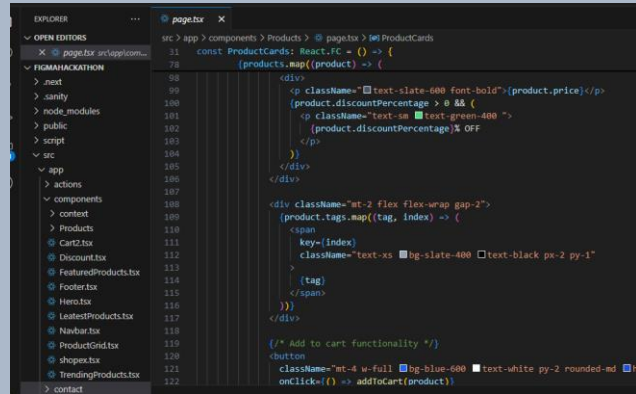
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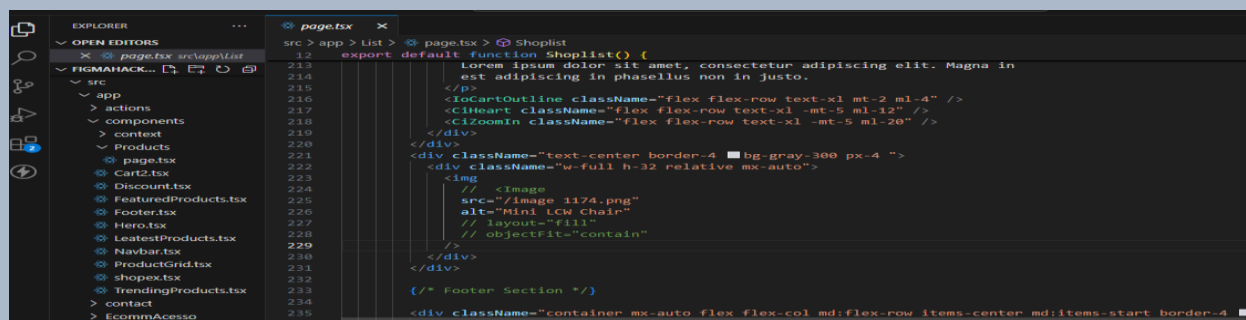


Activate Windows



Category:

This picture showcases furniture items under categories such as "Living Room Furniture" and "Home Decor." Products include sofas, coffee tables, and lamps with discounted prices.



Implement Overview:

A Next.js and Sanity-powered website uses Sanity's headless CMS for managing content and fetches data via APIs for dynamic rendering. Tailwind CSS is integrated for utility-first styling, enabling rapid design and responsive layouts.

Outcomes:

A rental ecommerce marketplace enables users to list, rent, and manage products or services efficiently. Outcomes include streamlined transactions, increased accessibility to rental items, and an expanded customer base for businesses.

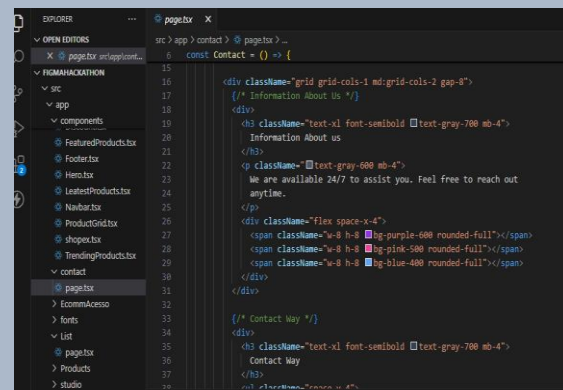
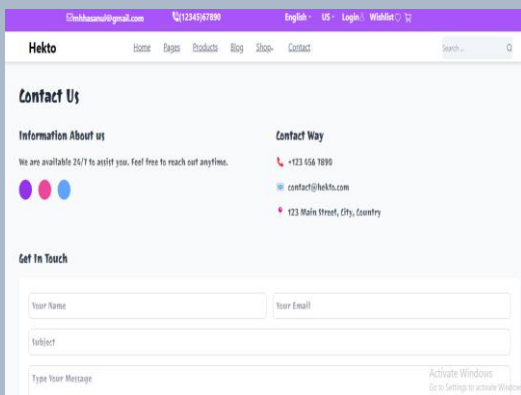
Backend Development:

User Authentication:

We will learn it after the Hackathon.

Component Integration:

A rental ecommerce website integrates various components such as product catalogs, secure payment gateways, and inventory management systems to ensure smooth rentals. These components work together to provide real-time availability, seamless transactions, and efficient order processing for customers.



Conclusion:

In conclusion, a rental ecommerce website streamlines the process of renting products by combining user-friendly interfaces, secure payment systems, and efficient inventory management. It offers a convenient solution for customers seeking temporary access to goods, while also providing businesses with a scalable platform to manage and grow their rental services.

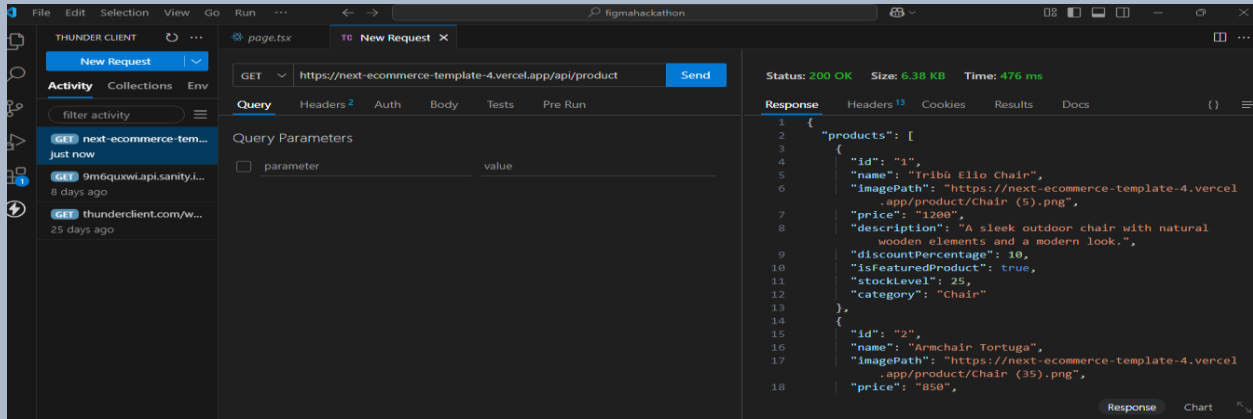
HACKATHON

DAY:5

Testing error handling

API:

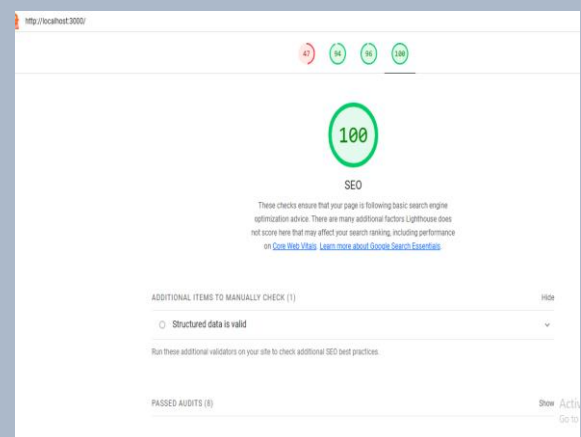
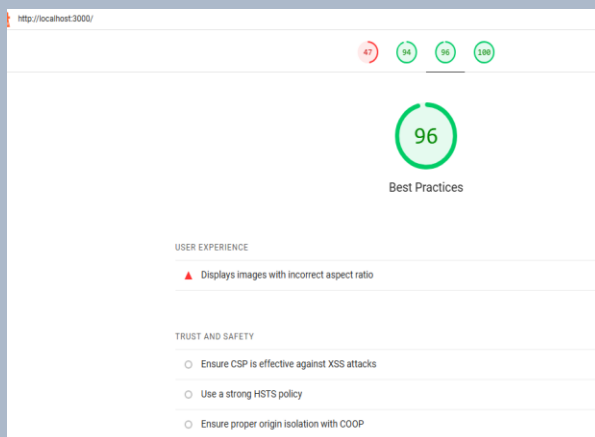
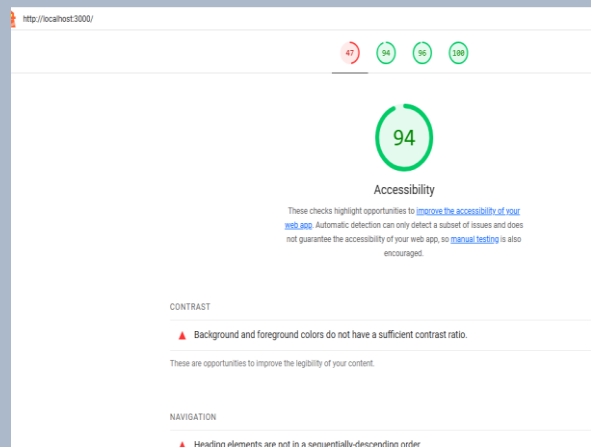
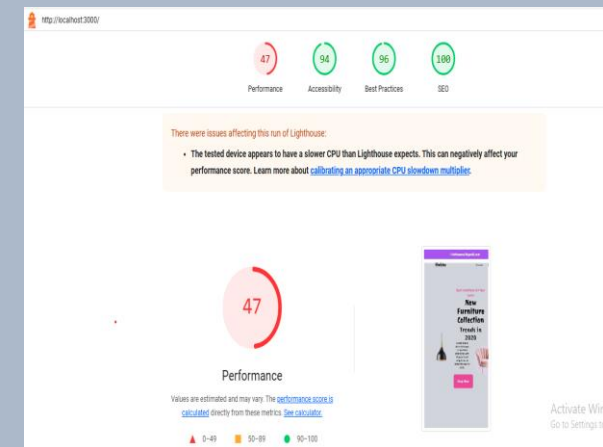
next-e-commerce-template-4.vercel.app/api/product



Testing Report:

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks	
2	TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	Low	-	No issues found
3	TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium	-	Handled gracefully
4	TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	High	-	Works as expected
5	TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	-	Test successful

Performance Testing:



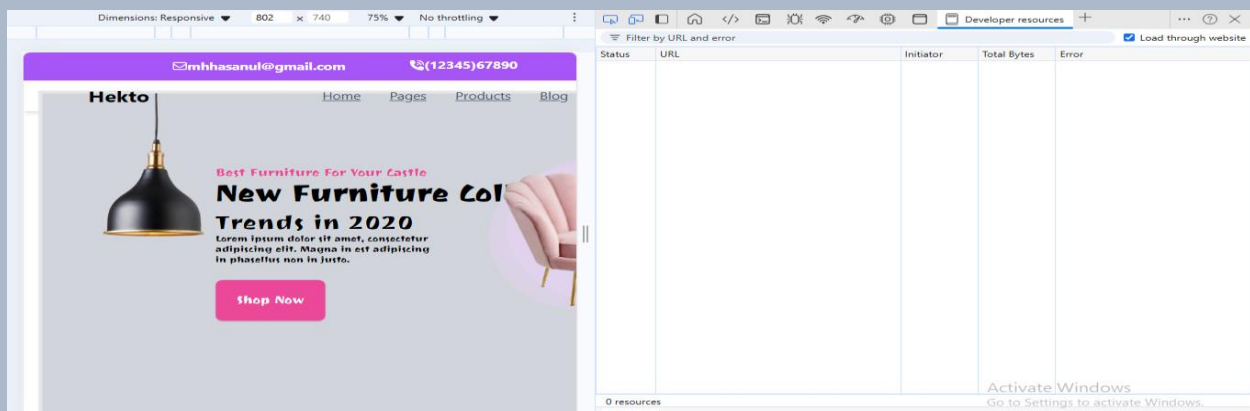
TRUST AND SAFETY

Ensure CSP is effective against XSS attacks

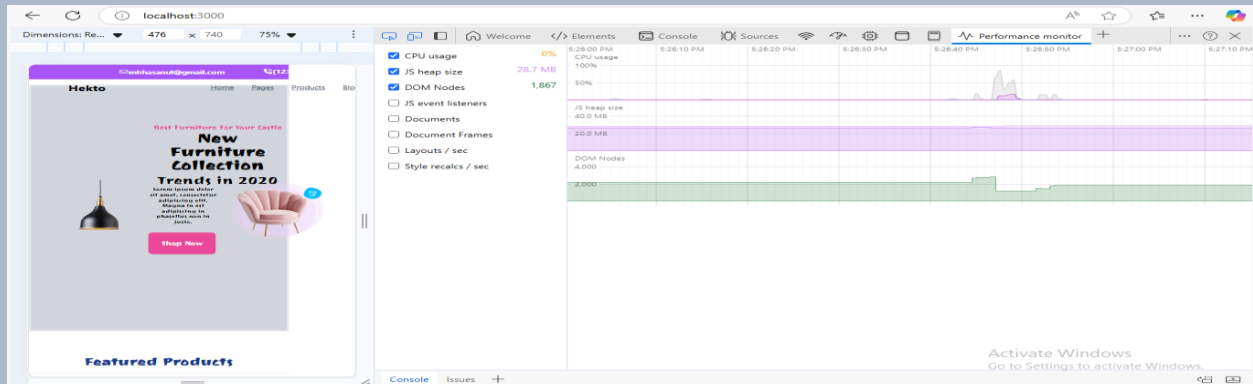
Use a strong HSTS policy

Ensure proper origin isolation with COOP

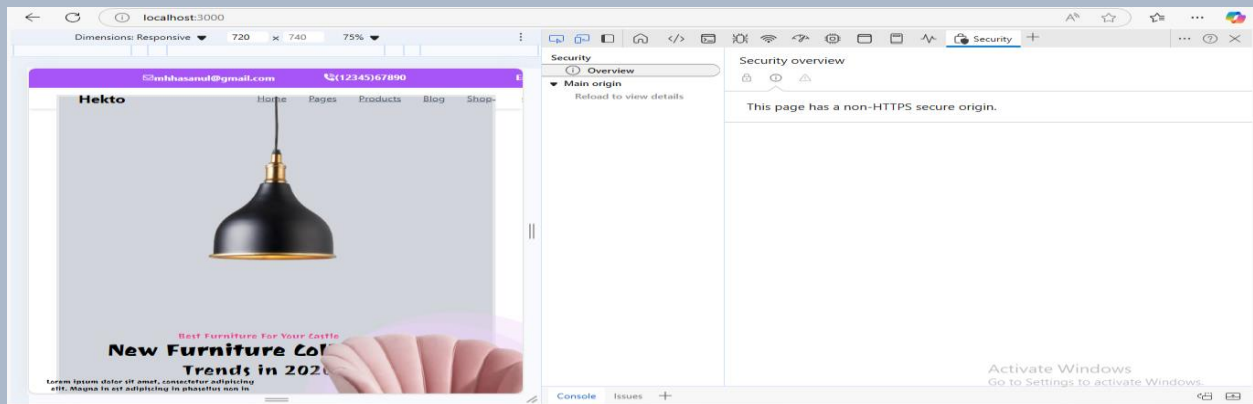
Developer Resources



Performance Monitor



Security Overview



Hackathon

Day: 6

Hosting Platform:

- Vercel.

Configure Environmental Variables:

- NEXT_PUBLIC_SANITY_PROJECT_ID="xms65qpd"
- NEXT_PUBLIC_SANITY_DATASET="production"
- SANITY_API_TOKEN="skkc0tdQU8XalfusjffKmwCHYHZbZFrcF3WS65AVGBnUzaOXF8G0WxsHx1i9WCja04SnUCLBQo0uFp4SbbtvSFRTom2KK0cYXtmJnv2CBLp7AIV85gsdUR7BuUNodLJfhdx2ru9ckDtR4Dj42b2AnBBiQRBjMI217LqjdRI6PuseZztPbITN"