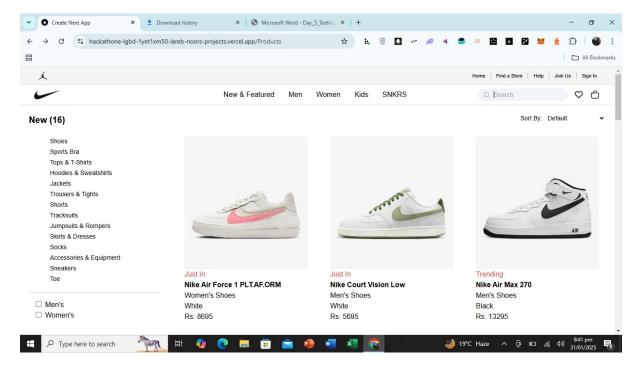
## "Day 5 - Testing and Backend Refinement - [Nike]"

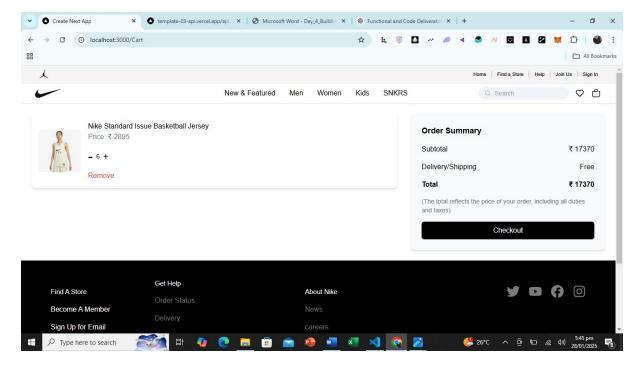
## **Project Overview**

My website is now fully functional and completely responsive across all devices. It includes dynamic features, smooth user interactions, and a well-structured system for product management, cart handling, checkout, and order tracking. The screenshots below showcase the website's functionality and responsiveness.

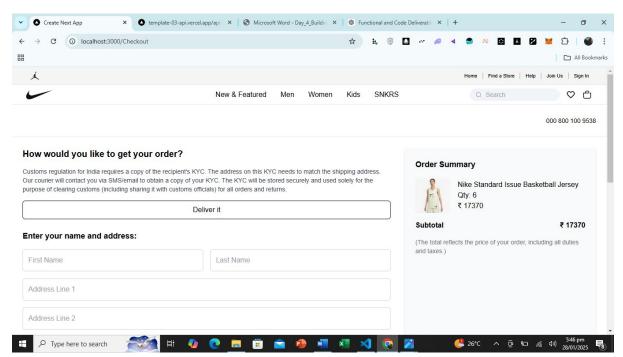
✓ Fully Dynamic Product Display: Products are fetched from Sanity CMS and displayed dynamically on the frontend.

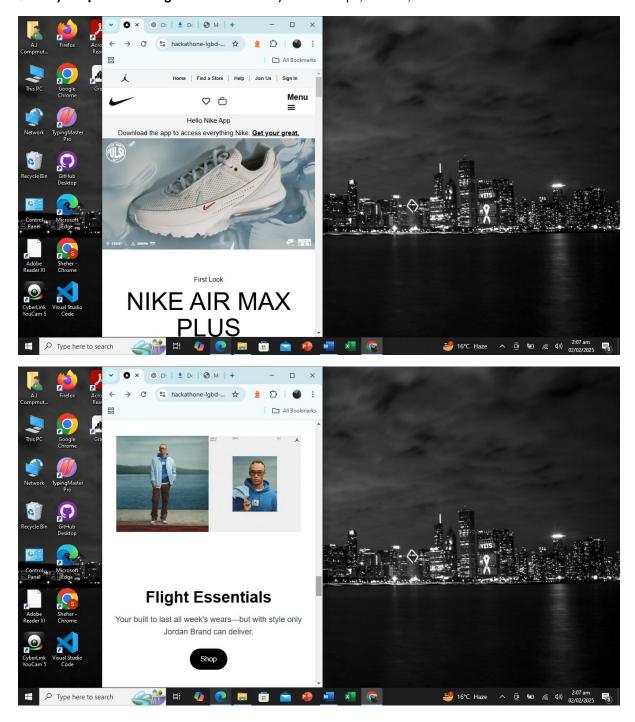


- Add to Cart Feature: Users can add products to the cart, update quantities, and remove items.
- ✓ Cart Data Storage: Cart items are stored in Sanity CMS to ensure data consistency.



- ✓ Checkout Process: A user-friendly checkout form allows customers to place orders easily.
- ✓ Order Management: Orders are stored in Sanity CMS, enabling seamless order tracking.
- ✓ Payment Gateway Integration: Secure and smooth payment processing.





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Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Sta	
TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Pa	
TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Pa:	
TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Pa:	
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	n size Responsive layout working as inte		
TC005	Verify dynamic product updates	Update product details in Sanity > Refresh product page	Product details update dynamically	Product details updated correctly	Pa:	
TC006	Test fetching data from Sanity	Fetch product data from Sanity > Display on screen	Products should be fetched and displayed correctly	Products displayed correctly	Pa:	
TC007	Test dynamic routing for product pages	Click on a product > Verify URL and content	Correct product details should load dynamically	Product details loaded correctly	Pa:	
TC008	Check error handling when fetching fails	Simulate API failure > Refresh page	Show fallback UI with error message	Error message displayed	Pa	
TC009	Verify 'Add to Cart' functionality	Select a product > Click 'Add to Cart' > Check cart	Product should be added to cart	Product added successfully	Pa:	
TC010	Ensure cart updates dynamically	Add multiple products > Update quantity > Remove item	Cart should update totals dynamically	Cart updates correctly	Pa:	
TC011	Test checkout page functionality	Go to checkout > Fill form > Submit	Order should be placed successfully	Order placed and confirmed	Pa:	
TC012	Ensure responsiveness on mobile	Resize browser > Check layout on different devices	Layout should adjust properly	Responsive layout verified	Pa:	
TC013	Verify shipment tracking integration	Place an order > Check shipment status using API	Tracking info should be displayed correctly	Tracking information displayed	Pas	
TC014	Test payment gateway integration	Proceed to checkout > Enter payment details > Submit	Payment should be processed successfully	Payment processed	Pa:	
TC015	Verify user authentication	Try logging in with valid and invalid credentials	Valid users should log in, invalid ones should see an erro	Authentication working correctly	Pa:	

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Expected Result	Actual Result	Status	Severity Le	Severity Level Assigned Tc Remarks			
Products displayed correctly	Products displayed correctly	Passed	Low	-	No issues found		
Show fallback UI with error message	Error message shown	Passed	Medium	2	Handled gracefully		
Cart updates with added product	Cart updates as expected	Passed	High	-	Works as expected		
Layout adjusts properly to screen size	Responsive layout working as inte	Passed	Medium	-	Test successful		
Product details update dynamically	Product details updated correctly	Passed	High	÷	Dynamic updates working		
Products should be fetched and displayed corre	ectly Products displayed correctly	Passed	High	2	Sanity data fetching works		
Correct product details should load dynamicall	y Product details loaded correctly	Passed	High	-	Dynamic routing works		
Show fallback UI with error message	Error message displayed	Passed	Medium	2	Handled gracefully		
Product should be added to cart	Product added successfully	Passed	High	-	Add to Cart works fine		
Cart should update totals dynamically	Cart updates correctly	Passed	High	2	Cart calculations working		
Order should be placed successfully	Order placed and confirmed	Passed	High	-	Checkout page working		
Layout should adjust properly	Responsive layout verified	Passed	Medium	2	Mobile responsiveness works		
Tracking info should be displayed correctly	Tracking information displayed	Passed	Medium	-	Shipment API working		
Payment should be processed successfully	Payment processed	Passed	High	2	Payment gateway working		
Valid users should log in, invalid ones should see an error Authentication working correctly			High	-	Login system verified		
7							

