

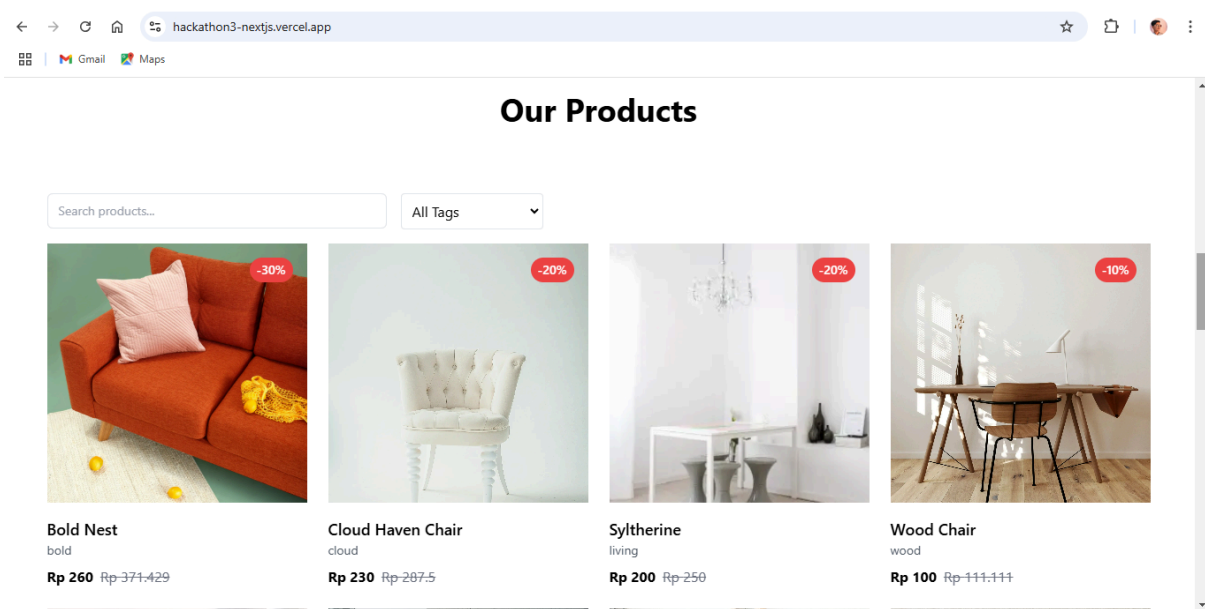
Day 5: Testing, Error Handling, and Backend Integration Refinement

Introduction

This document covers the critical topics discussed in Day 5, including testing strategies, error handling best practices, and backend integration refinement for web applications. The concepts aim to enhance the robustness, reliability, and efficiency of your projects.

1 - Responsiveness

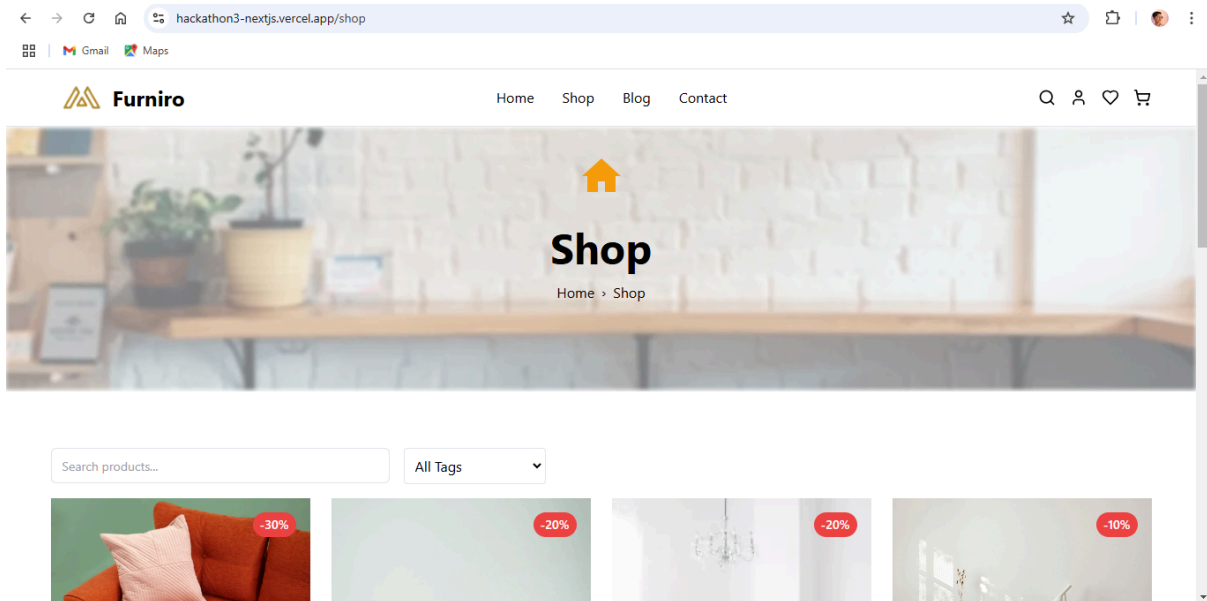
Responsive design is the approach of making a website look and function perfectly across various devices, ensuring an optimal user experience on desktops, tablets, and mobile phones.





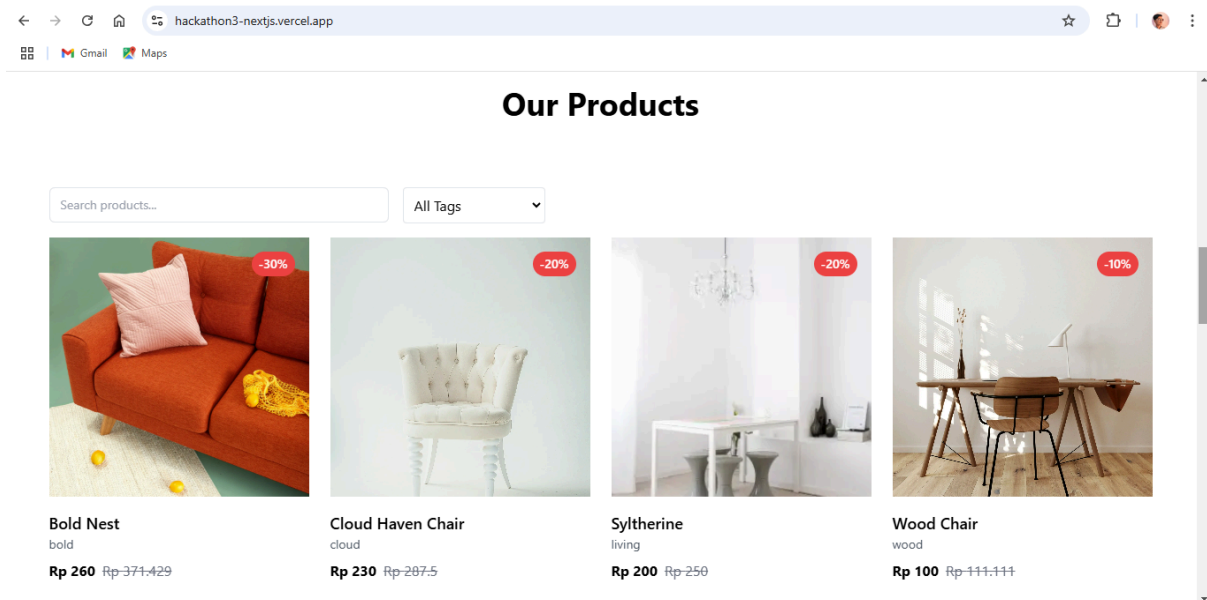
2 - Dynamic Routing

Dynamic routing allows web applications to handle navigation between pages dynamically based on parameters or user actions. Unlike static routing, where routes are predefined, dynamic routes can adapt to different inputs or URLs at runtime.



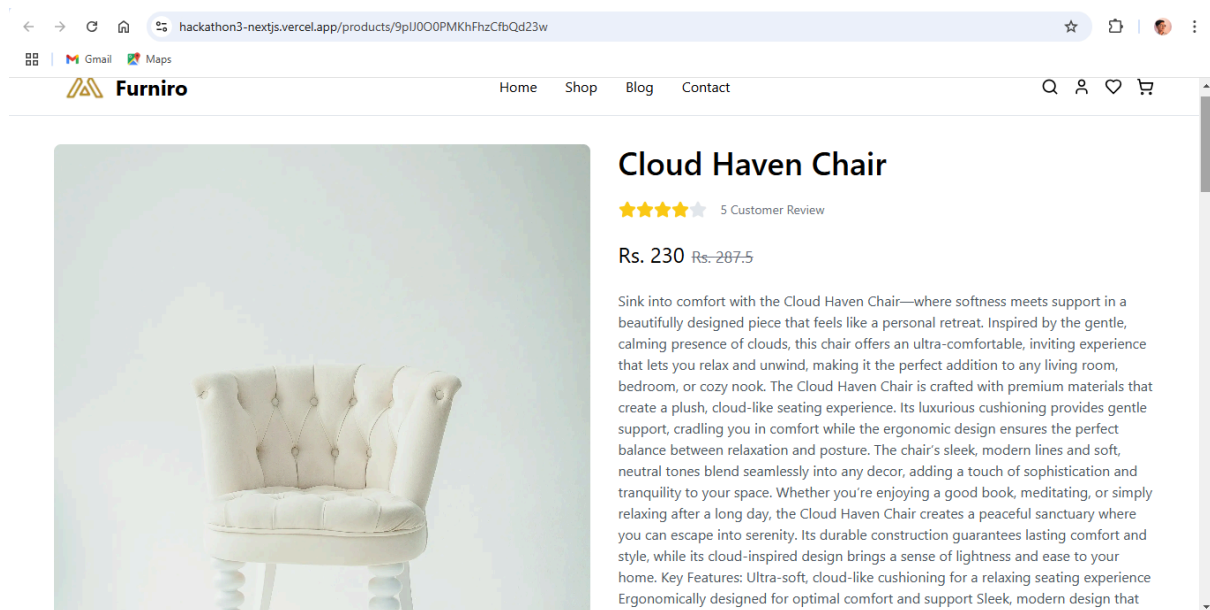
3 - Product Listing Page

A product listing page is a webpage that displays a collection of products in a structured and organized layout, often including sorting and filtering options to enhance the user's browsing experience.



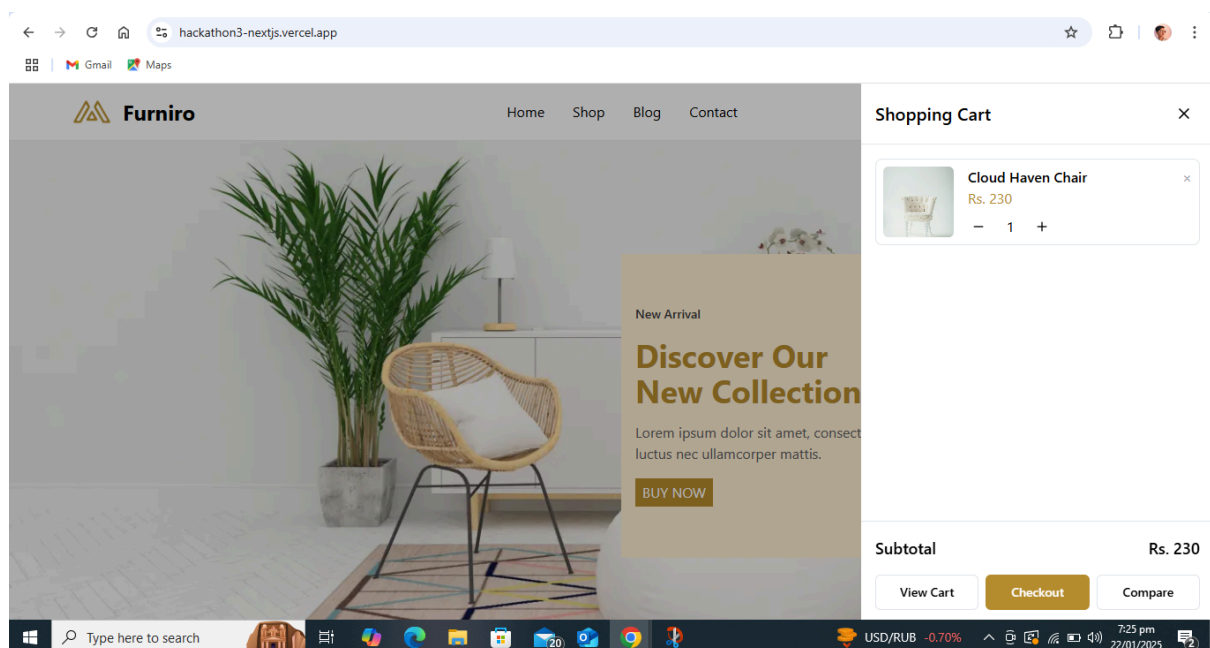
4 - Product Detail Page

A product detail page is a webpage that provides comprehensive information about a specific product, including its features, specifications, pricing, and user reviews.



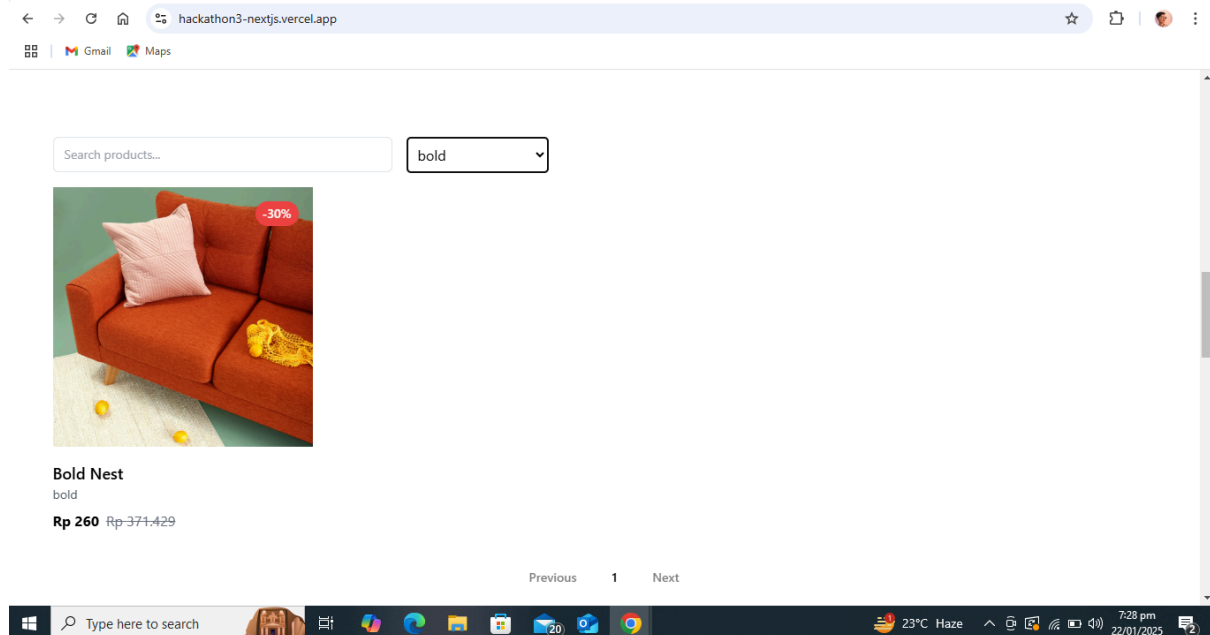
5 - Cart Functionality

Cart functionality refers to the features of an e-commerce site that allow users to add, view, update, or remove products in their shopping cart before proceeding to checkout.



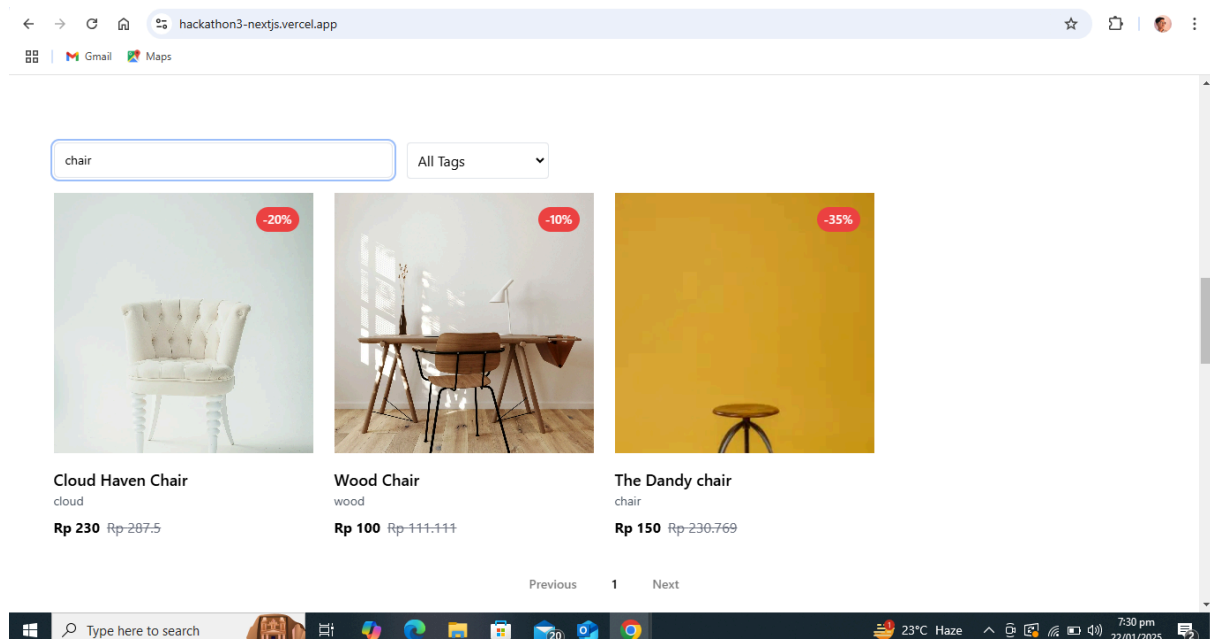
6 - Filtering from Tags

Filtering from tags is a feature that allows users to narrow down product search results by selecting specific tags associated with products, such as categories, brands, or attributes.



7 - Search Bar

A search bar is a user interface element that allows users to enter keywords or phrases to quickly find specific products, pages, or information on a website.



Test Report

Test Case ID	Test Case Description	Test Steps	Expected Results	Actual Result	Status	Severity Level	Assigned To	Remarks
1	Check Responsiveness	Chrome, Mobile	Fully Responsive	Fully Responsive	P	Minor	-	
2	Check Dynamic Routing	Click On Route Links on Navbar	Navigate the Correct Page	Navigate Correct Page	P	Minor	-	
3	Product Listing Page	Open Product Page and Verify	Product Should Be Display	Product Display Correctly	P	Major	-	
4	Product Detail Page	Click On Product > Verify Full Detail	Detail Should Be Display Correctly	Detail Display Correctly	P	Major	-	
5	Check Cart	Click On "Add To Cart" > Verify Cart Content	Cart Should Be Display And Work	Cart Works Correctly	P	Minor	-	
6	Check Cart Functionality	Click On REmove And Quantily	Functionality Should Be Work Correctly	Functionality Works Correctly Also	P	Critical	-	
7	Check Filtering from Tags	Choose the Tag > Verify Filtering	Filtering From Tags Should Be Work Correctly	Filtering From Tags Works Correctly	P	Major	-	
8	Check Search Bar	Click On Search Bar > Enter ProductName	Searched Product Should Be Display Correctly	Searched Product Display Correctly	P	Minor	-	