Lenovo India Website Clone

# Problem Statement

Lenovo India’s site caters to a broad audience including students, professionals, and gamers. The challenge is integrating detailed product filters, easy customization, and efficient order tracking on a scalable platform.

# Tools & Technologies Used

Tools:  
• Figma

Technologies Used:  
• HTML  
• CSS  
• JavaScript

# Creative Features Added

• Customize Page feature  
• Smart Filter feature

Unlike the original site, mine is lightweight, fast-loading, and doesn’t rely on heavy frameworks. There are no login paywalls or interruptions.

# Pricing Strategy or Product Flow

Observed Pricing Model: Static Display (Fixed Pricing)

The site shows fixed prices for each laptop or product. There is no real-time pricing logic like discounts, configuration-based changes, or bundles.  
  
Why this model? Since it's a frontend-only clone with no backend or dynamic pricing logic, a static (fixed) pricing model is the most practical approach. It keeps the focus on UI/UX design, layout accuracy, and performance, which aligns with the goal of showcasing a clone or prototype.

# Challenges Faced and Solutions Implemented

## 1. Replicating a Complex Commercial UI

* Challenge: The original Lenovo site has a multi-layered, dynamic UI with mega menus, sliders, and product cards — which are hard to mimic without access to backend logic or component libraries.
* Solution: I carefully analyzed the DOM and recreated key components using pure HTML, CSS, and vanilla JavaScript, focusing on pixel-perfect layout and responsive design without depending on external frameworks.

## 2. Hover-Based Mega Navigation

* Challenge: Implementing hover-triggered dropdowns that don’t break the layout or disappear when moving the mouse across them.
* Solution: Used position: absolute, z-index, and precise hover states with :hover and display: block to ensure fluid interaction, avoiding flickers and layout shifts.

## 3. Responsive Design Across Devices

* Challenge: Ensuring the cloned layout works smoothly on mobile, tablet, and desktop screen sizes.
* Solution: Implemented a custom media query system and percentage-based widths to adapt the layout. Adjusted font sizes, nav stacking, and product grid collapses for smaller screens.

## 4. No Backend / Dynamic Functionality

* Challenge: The original Lenovo site uses backend systems for dynamic pricing, cart management, login, and product filtering — which are not directly clonable.
* Solution: Focused on building a clean front-end replica that demonstrates the flow and UI of the original site while simulating real elements like pricing and layout without needing backend support.

## 5. Maintaining Design Consistency

* Challenge: Keeping font sizes, spacing, and colors close to the original Lenovo India design for authenticity.
* Solution: Used browser DevTools to inspect original styles, then replicated them using custom CSS variables and consistent class naming, ensuring scalable and reusable design tokens.

# Supporting Resources

• PDF with website screenshots:

<https://drive.google.com/file/d/1qjMr8I-F9pzvyU6E_48Li66CbjUPz8UN/view?usp=drive_link>

• Figma Frames:

<https://www.figma.com/design/3aLPFTFJm9EbdDA7vOsNQA/Lenovo-India-website-clone?node-id=0-1&t=K05P4BWv6HnCk0Yy-1>