



**Sri Eshwar**  
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An Autonomous Institution

# THE DOMINATORS



*Lap Compare – Laptop Comparison Page*



*VS*



**Team members:**

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# Website Workflow / User Flow

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1. Dropdown Initialization JavaScript reads the laptop list. Dynamically adds all laptop names into: Laptop 1 dropdown Laptop 2 dropdown
2. User Makes Selections User selects Laptop 1 from drop down. User selects Laptop 2 from dropdown.
3. Compare Button Click Java Script function compareLaptops() is triggered . The function performs: Validation (check if both laptops are selected) Validation (ensure both laptops are not the same)
4. Fetch Laptop Details The selected laptops' specifications are retrieved from the laptop database (JavaScript object).

1. User Chooses Laptop 1 User clicks dropdown
1. User scrolls through brands like Dell, HP, Apple, Asus, Lenovo, MSI, etc. User selects a laptop.
3. User Chooses Laptop 2 User repeats the same for dropdown 2. Selects a different laptop.
4. User Clicks “Compare” User presses the yellow Compare button.
5. Comparison Results Appear A clean, white table appears with: Laptop names as headers Features in rows User can clearly see which laptop is better in: RAM Processor Display quality Graphics

# Page Layout & Structure

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Header Section – Contains the website title “LapCompare” and a simple navigation bar.

Laptop Selection Form – Two dropdown menus to choose laptops, plus a “Compare” button.

Laptop Preview Area – Shows images and brief details of the selected laptops before comparison.

Dynamic Comparison Table – A DOM-generated table displaying specs (CPU, GPU, RAM, Storage, Display, Battery, Price, etc.).

Footer Section – Contains copyright, contact info, and GitHub project link.

# Screenshots

 **LapCompare — Compare 50+ Laptops**

Choose any two laptops from the list (includes gaming, ultrabooks, business models and MacBooks). Images are generated as placeholders for quick demo.

Select Laptop 1: HP Pavilion 15

Select Laptop 2: HP Omen 16 Gaming

Compare

Tip: use keyboard to jump in long dropdowns. All images are placeholders (replace with real images by setting the img property).

Feature	HP Pavilion 15	HP Omen 16 Gaming
Image		
Processor	Intel i5	Intel i5/i7
RAM	8/16GB	16GB
Storage	256GB - 512GB SSD	1TB SSD
Graphics	Integrated	NVIDIA RTX 3060/4050/4060
Display	14-15.6-inch FHD	15.6-inch FHD 120/144Hz
Battery	7-10 Hours	5-8 Hours
Weight	1.3 - 2.2 Kg	2.0 - 2.6 Kg
Operating System	Windows 11	Windows 11
Price (₹)	₹65,000	₹1,00,000