

Project Title:

Redesign and Improvement of LingsCars Website (landing page)

Project Summary

This project involved analyzing and redesigning the existing LingsCars website (<https://www.lingscars.com/>), known for its cluttered design, outdated layout, and poor user experience. The goal was to deliver a **cleaner**, **responsive**, and **modern version** of the site using semantic HTML, modern CSS, and interactive JavaScript.

Original Website:

<https://www.lingscars.com/>

Technologies Used

- HTML5 (Semantic Markup)
- CSS3 (Custom styling, Flexbox, Grid)
- JavaScript (Interactivity)
- Git & GitHub (Version control)
- Visual Studio Code (IDE)

Feature	Observations on Original Site	Improvement Made
Layout	Overly busy, inconsistent, and visually noisy	Redesigned using Grid/Flexbox for structure & clarity
Responsiveness	Poor on mobile/tablet	Fully responsive layout across devices
Color & Typography	Loud colors, inconsistent font sizes	Modern color palette, clean typography
Navigation	Cluttered and confusing	Clean nav bar, mobile hamburger toggle added
Interactivity	Weak and outdated JavaScript interactions	Scroll-to-top, slider, dropdowns, and tabbed forms
Accessibility	Lacks alt texts and readable contrast	Improved contrast and added image alt text

Structure Overview

- index.html - Main page with header, hero, vehicle tabs, features, and footer.
 - styles.css - Handles layout, media queries, transitions, spacing, and styling.
 - script.js - Manages dropdowns, tabs, slider, scroll-to-top, and responsive behavior.
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Key Features Implemented

- Semantic HTML structure
- Modern CSS (Flexbox/Grid layout)
- Hamburger mobile menu
- Tabbed interface for Car/Van lease forms
- Hero image slider
- Responsive dropdowns (desktop hover, mobile click)
- Form toggle interactivity
- Mobile-first responsive design

Responsiveness Testing

Tested on:

- **Mobile ($\leq 768\text{px}$):** Hamburger menu, scrollable slider, stack layout
- **Tablet (768px - 1024px):** Adaptive spacing, centered forms
- **Desktop ($>1024\text{px}$):** Full-width slider, dropdown hover menus

Before & After Comparison

Before:

- Overwhelming layout, noisy animations
- Text and elements overlap on small screens
- Difficult navigation and high bounce potential

After:

- Clean structure with better visual hierarchy
- Tabbed layout for easier vehicle selection
- Smooth navigation and scroll effects
- Intuitive user interface across all screen sizes

Repository Link: <https://github.com/Jerrygodswill/lingscars-redesign>

