

Project Documentation – AutoZone Drive

Course: Advanced Responsive Site Design

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Program: Web Development

College: Conestoga College

Date: April 2025

Project Objectives

This website project, titled AutoZone Drive, is a modern automotive website designed to showcase car reviews, news, and featured models using responsive web design. The main objective is to demonstrate a clean, professional layout that adapts well across all devices using CSS Grid, Flexbox, and fluid typography.

The goal is to create a practical, engaging user interface that reflects the structure and feel of automotive media sites.

Design Goals

- Design a mobile-first layout with adaptive content blocks
- Use CSS Grid and Flexbox to handle layout variations
- Implement fluid typography using the clamp() method
- Integrate at least one transition, transform, and animation
- Ensure visual consistency using a black, red, and white color scheme
- Include optimized and properly scaled images for performance

Pages Included

- index.html: Homepage featuring a hero section and car highlights
- reviews.html: List of popular car reviews in a grid layout
- about.html: Overview of the site's purpose and design rationale

Tools & Technologies

HTML5 + CSS3

Google Fonts (Roboto)

CSS Grid & Flexbox

Fluid Typography

Responsive Media Queries

Unsplash (for car images)

Milestones & Timeline

Task	Date Completed
Project Planning & Structure	Week 1
HTML Boilerplate Setup	Week 1
Responsive Grid Design	Week 2
Styling & Interactivity	Week 2
Final Polishing & Testing	Week 3
Documentation & Submission	Week 3

Roles & Responsibilities

All aspects of this project, design, development, testing, and documentation were handled by:

Name: Babatunde Olatunde

Name: Brian Ntong

Name: James Okeke

Hosting Plan

The project can be hosted via GitHub Pages (free hosting)

The site is structured to work from a simple file system and does not rely on backend code, so it can easily be deployed via drag-and-drop.

Checklist of Requirements Met

Requirement	Status
HTML5 with validation	
Single external CSS file	
CSS Grid and/or Flexbox	
Responsive (3-column on desktop)	
2 Media Query breakpoints	
Transition, transform, animation	
Fluid typography (clamp())	
3 unique pages	
Placeholder text & real images	
Documentation included	