Project Overview

Company Name: ***"Car-Deal$"***

Description: Car-Deal$ is an innovative car dealership platform designed to provide an exceptional car buying experience. The website aims to offer a diverse selection of cars, unparalleled customer service, and an overall seamless and personalized experience for users.

Purpose

The purpose of Car-Deal$ is to revolutionize the car buying process by:

- **Providing a Diverse Vehicle Selection:** Allowing users to explore a wide range of cars to find the best fit for their needs and preferences.

- **Enhancing Customer Experience:** Delivering superior customer service and support to make the car buying journey smooth and enjoyable.

- **Offering Innovative Solutions:** Incorporating the latest technologies and features to improve the car buying experience and set new standards in the industry.

Objectives

1. **Provide a Wide Selection of Cars:** Offer users a broad range of vehicles to meet their needs, from luxury SUVs to fuel-efficient sedans.

2. **Deliver Exceptional Service:** Ensure top-notch customer service to maintain vehicle performance and customer satisfaction.

3. **Enhance User Experience:** Create a seamless and enjoyable car buying experience with a user-friendly interface and efficient navigation.

Milestones and Deadlines

1. **Project Planning and Scope Definition**

   o **Project Planning:** Brainstorming on the topic for the website and creating the wireframe.

   o Start Date: ***18/07/2024 - Thursday***

   o Completion Date: ***20/07/2024 - Saturday***

2. **Design Phase**

   o **Colour Theme:** Dark Blue + White for consistent look and feel.

   o Start Date: ***21/07/2024- Sunday***

   o Completion Date: ***24/07/2024 - Wednesday***

3. **Development Phase**

   o **Navigation Links:** Designing the layout (skeleton using HTML).

   o **Styling and creating overall body:** Using HTML and CSS and adding content.

   o Start Date: ***25/07/2024 - Thursday***

   o Completion Date: ***01/08/2024 - Thursday***

4. **Testing and Quality Assurance**

   o **Debugging:** Debugging the website for any errors, following the instructions, ensuring the rubric is being followed, and using code validators to check for any errors.

   o Start Date: ***02/08/2024 - Friday***

   o Completion Date: ***05/08/2024 - Monday***

5. **Deliverables Sent to the Professor, Including Documentation.**

   o **Submitted to eConestoga**

   o Date: ***06/08/2024***

6. **Post-Delivery Meeting**

   o **In-Class Presentation with Team Members.**

   o Date***: 13/08/2024***

Hosting Requirements

- **Hosting Provider:** Vercel

- **Server Requirements:**

  - Node.js Version: 18.x

  - MongoDB: Managed through MongoDB Atlas

  - **Dependencies:**

    - Express.js: For handling HTTP requests and server management.

    - Mongoose: For MongoDB object modeling and schema validation.

    - Body-Parser: For parsing incoming request bodies.

    - Nodemon: For development, to automatically restart the server on code changes.

    - jsonwebtoken: For handling JSON Web Tokens for authentication.

    - bcryptjs: For hashing passwords securely.

- **Domain Name:** www.cardeals.ca

- **SSL Certificate:** Required for secure data transmission.