Car Dealership Application

GitHub: https://github.com/donglin1111/CS546.git

Group members listed here:

Shiwei Ding

Varsha Kodekoppa

Donglin Yang

Xianduo Zeng

The purpose of the application is to provide the customers a convenient means to view and search for a car the dealership is selling. The dealership uses a website page that allows dealers to manage the stock of cars. This website should have an elegant website layout and good eye-catching navigation that guides the customers to buy vehicles and convert them from prospective buyers to customers who have faithful long-term associations with the dealers.

Core features:

Customer :

● Main page:

   The main page will show our company name, logo and brands, and information about car dealers. This page will show crucial business information that offers the information users are likely to be looking for.

● Navigation: Home, New Cars, Pre-Owned, Offers, Service
   ○ Home: Allow the user back to the main page.
   ○ New Cars: Allow the user go to new vehicle search
   ○ Pre-Owned: Allow the user go to pre-owned vehicle search
   ○ Offers: Shows the list of specials

- Search bar: Allow users to search cars by color, interior, tyres, or other features.

Dealer(administrator privileges):

- Login: Allows the dealer to access the dealership page by entering username and password (Not allowed for customers to be accessed).
- Search bar: Allow dealers to search cars by color, interior, tyres,or other features.
- Navigation: add car, delete car, add car pictures, show statistics.
    - Add car: Allow dealers to add new cars into the database.
    - Delete car: Allow dealers to delete cars from the database
    - Update car: Allow the dealer to mark the car as sold.
    - Car photos: Allow dealers to upload car pictures.
- Shows statistics: Diagram showing the trend of car sales by month.
- Information boxes: allow the dealers to receive and reply to customers requests.

Extra features:

- Services request: The customs could send the car maintenance requests to the dealer.
- Social Media sharing : Link to dealership insurance or link to the website on Facebook.
- Vehicle Compare: Allows customers to compare multiple vehicles side-by-side by listing out all the important features and making an informed decision.
- Dealership Details: Providing complete details of the dealer with exact location on map to validate and adding photos.
- Make a wish list for every user to help users collect cars they want to buy.