



PROJECT REPORT

Batch:

Semester: 1

Group: 4

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- MAI XUÂN TIẾN
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- NGUYỄN ĐÌNH HIỀN

Acknowledgments

With our deepest gratitude, we would like to send to Ms. Dang Kim Thi for imparting valuable knowledge to us during our time at the school. Thanks to her guidance and teachings, our research topic can be completed well.

The internship report is made over a period of 3 weeks. Our initial step into reality is limited and there are still many surprises, so it is inevitable that we will have shortcomings, we are looking forward to receiving valuable comments from teachers to improve my knowledge in the field. This is more complete and at the same time has additional conditions to improve their consciousness.

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I. Synopsis

a. Problem Statement

CarBreezy is a leading automotive digital marketplace that seeks to make car buying and selling easy, transparent and efficient.

Your car buying destiny is in your hands, but we will help you every step of the way. We built this site to make car buying as fast and easy as possible.

From discovery to delivery, consumers can use CarBreezy to explore vehicles from an expansive, cross-brand selection of inventory from our vast network.

The objective is to create a website for them with the below-mentioned requirement specifications.

The website is to be developed for the Windows Platform using HTML5, JavaScript, and Geolocation. The site should work well in all leading browsers including Chrome, IE, Firefox etc.

b. Requirements

The Web site is to be created based on the following requirements.

1. The Top of the Page should be presented with a suitable logo and a banner with depiction of cars onto it.
2. The site must contain menu with links to New, Used, Brands, Offers etc.
3. Sections should be created with proper listing of cars under NEW, USED, Brands etc.
4. Clicking on any car should open pop-up window with images of car and price along with tabs as Internal Specification, External, Engine, Dimensions with details mentioned in these tabs
5. Filter with options as “Hatchbacks”, “Sedan”, “SUV”, “Convertibles” etc. should be provided.
6. Section for various Offers should be provided with listing of available offers.
7. Gallery should be provided for viewing different images.
8. Site map, Gallery, about us, Queries link, Contact us link must be added.
9. About Us and Contact Us: This menu option should display Email id, address, and contact number.
10. Color combination must be uniform throughout the project.
11. Navigation must be smooth.

Over and above this, the portal should implement the following functionalities:

- Display a continuous scrolling ticker at the bottom of the page with current date, time, and location (hint: Use geolocation features of HTML5).
- Display a visitor count at the top right corner of the page beside a logo image.
- The menu options should change color on hover and also after clicking.
- Fade in and fade out options can be used for the menus.

c. Implementation environment

Hardware

- Intel Core i3/i5 Processor or higher
- 8 GB RAM or above
- Color SVGA
- 500 GB Hard Disk space
- Mouse
- Keyboard

Software

Technologies to be used:

- Frontend: HTML5, CSS, Bootstrap, JavaScript, jQuery, AngularJS, XML
- Data Store: JSON files or TXT files

Other Requirements:

- Operating Portal: Windows
- Browsers: Edge, Chrome, Mozilla Firefox, Safari

II. Analysis of User Stories

User type: Customer

Story 1: View

- Products: As a user, I want to view the products categorized according to their types, the brands they are from, their colors, and their discount availability.
When I click on a product, a detailed description of the products will display, including images, price, discount, brief introduction, specification table with a link to document containing a detailed description and manual, ratings, and color variants.
- Brands: As a user, I want to view the information of the brands in this organization. Information includes general information, contact email, contact number, and location. The location also integrates the Geolocation API. When I click on the email address, my email address will automatically invoke sending mail to that address. On the general information page, a link navigating to the brand's products should be present.

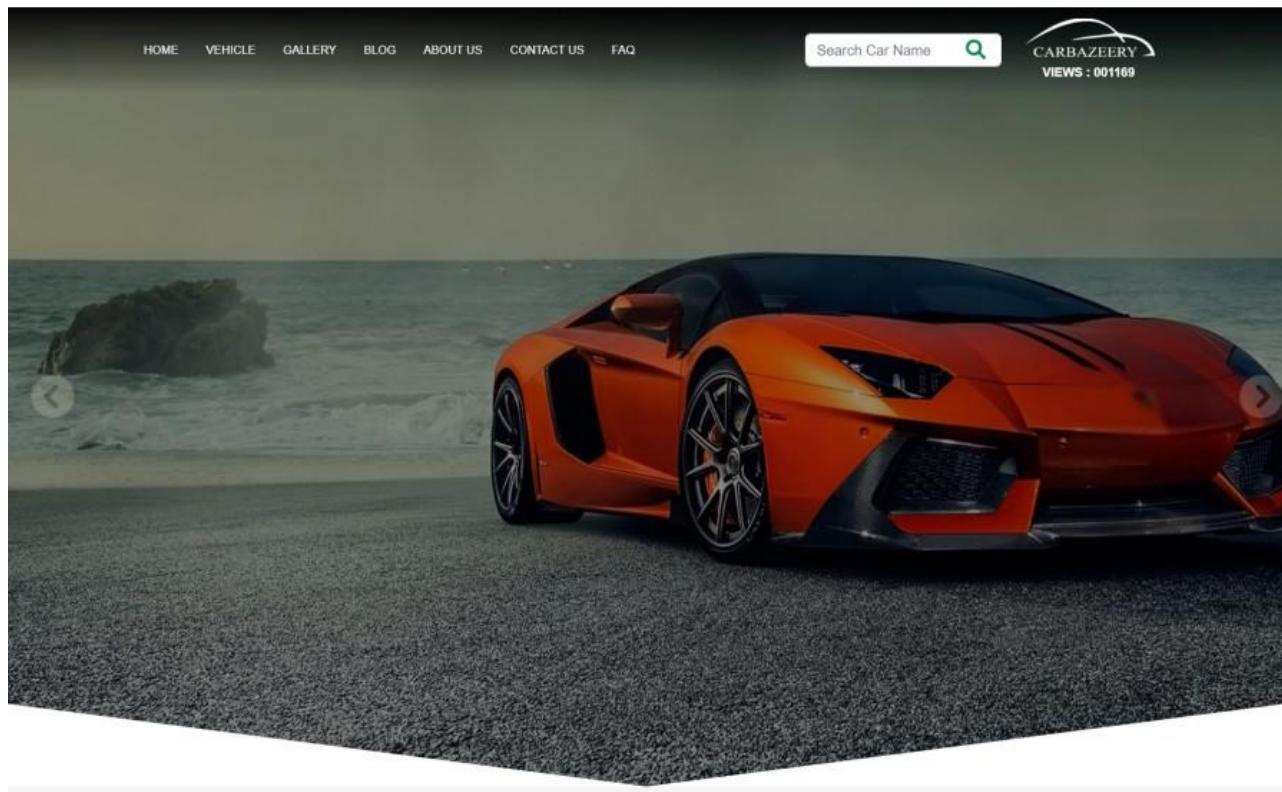
Story 2: Search for Products

The website shall allow me to Search for products by keying in the name of the products. The website will match the keywords with the products' names in the database model. If the keyword does not exist, nothing will display in the search results.

Story 3: Give feedback and ratings

The website shall include a comment section where I can post my comments on certain products.

1. Home page



HOME VEHICLE GALLERY BLOG ABOUT US CONTACT US FAQ

Search Car Name 

CARBAZEERY
VIEWS : 001169

WELCOME TO
CARBAZEERY
THE ONLINE AUTOS WORLD

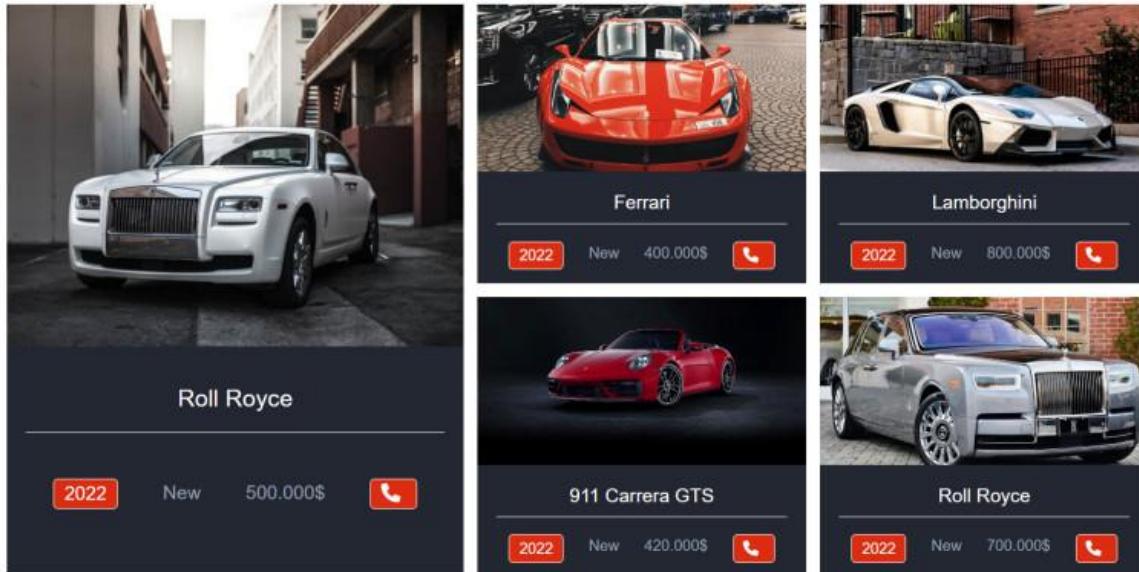
ALL BRANDS FREE SUPPORT DEALERSHIP AFFORDABLE

Lexus Bentley Porsche Rolls Royce Ferrari Mercedes Benz BMW

5 2 9 10 15 10 5

Featured Listings

[News](#) [Used](#)



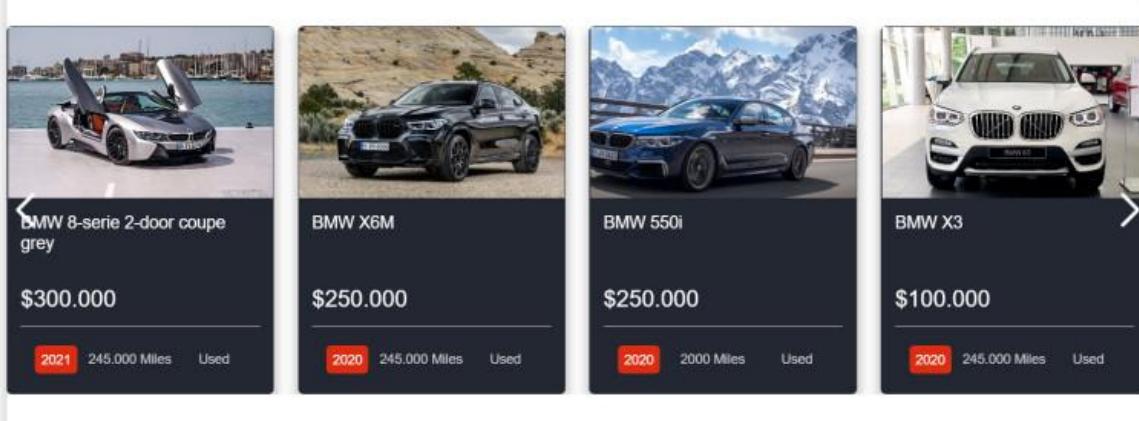
Popular Makes

[BMW](#)

[AUDI](#)

[PORSCHE](#)

[MERCEDES BENZ](#)



Why choose us?



TYPES OF VEHICLES

THAT WE ARE CURRENTLY DEALING

SUVS

TRUCK

VANS & TRUCKS

SEDANS

LUXURY CARS

SPORTS

WHAT CUSTOMERS SAY

HELPS YOU TO FIND PERFECT CAR

BEST CARS!

Went here to look at a few cars and I was pleased with them all. They helped me find a good car in my budget.

NGUYEN BA TUNG
CUSTOMERS

BEST CARS!

The staff and the dealership as a whole was an remarkable experience. We will definitely be back...

NGUYEN KIEU DUONG
CUSTOMERS

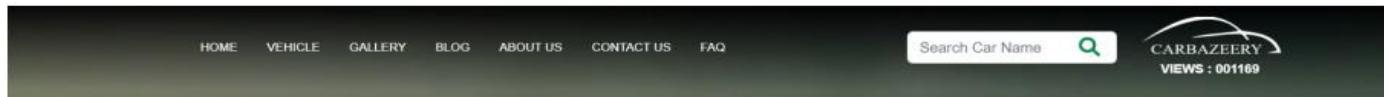
BEST CARS!

I have had a few bad experiences with other dealers and auto park la Porte made car buying super easy and comfortable

NGUYEN BA HAI
CUSTOMERS

FEEL FREE TO SEND US A MESSAGE
OR ASK FOR A FREE QUOTE

Header



Footer



2. VEHICLE

HOME VEHICLE GALLERY BLOG ABOUT US CONTACT US FAQ

Search Car Name  CARBAZEERY
VIEWS : 001169

Vehicle

Home / Vehicle

Grid View List View

BRAND

- BMW
- MERCEDES BENZ
- PORSCHE
- LAMBORGHINI
- FERRARI
- BUGATTI
- ROLL ROY

PRICE

- \$-200.000\$
- 200.000\$-300.000\$
- 300.000\$-400.000\$
- 400.000\$-500.000\$
- 500.000\$-

 BMW i8 2022 NEW BMW CALL \$150000	 BMW X6 2022 NEW BMW CALL \$200000	 BMW 550i 2022 NEW BMW CALL \$230000
 BMW X3 2022 NEW BMW CALL \$90000	 MERC C200 2022 NEW MERC CALL \$120000	 G63 2022 NEW MERC CALL \$520000
 S650 2022 NEW MERC CALL \$700000	 PORSCHE 911 2022 NEW PORSCHE CALL \$350000	 PORSCHE 718 2022 NEW PORSCHE CALL \$300000
 PORSCHE TAYCAN 2022 NEW PORSCHE CALL \$325000	 LAMBORGHINI URUS 2022 NEW LAMBORGHINI CALL \$434000	 LAMBORGHINI AVENTADOR 2022 NEW LAMBORGHINI CALL \$337000

\$448000 FERRARI 2022 NEW FERRARI CALL	\$170000 BUGATTI CHIRON 2022 NEW BUGATTI CALL	\$125000 FERRARI LAFERRARI 2022 NEW BUGATTI CALL
\$700000 BUGATTI VEYRON 2022 NEW BUGATTI CALL	\$900000 ROLL ROY PHANTOM 2022 NEW ROLL-ROY CALL	\$999000 ROLL ROY GHOST 2022 NEW ROLL-ROY CALL
\$900000 ROLL ROY DAWN 2022 NEW ROLL-ROY CALL		



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✉ Carbreezy@gmail.com

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Information

▶ Contact

▶ About Us

▶ Blog

▶ FAQ

Vehicle

▶ New

▶ Used

▶ Brand

Gallery

▶ Supper Car

▶ Antique car

▶ Hatchbacks



TOP

3. Galleryy

The screenshot shows the 'Gallery' section of the CarBareezy website. At the top, there is a navigation bar with links for HOME, VEHICLE, GALLERY, BLOG, ABOUT US, CONTACT US, and FAQ. To the right of the navigation is a search bar labeled 'Search Car Name' with a magnifying glass icon, and a logo for 'CARBAZEERY' with the text 'VIEWS : 001169'. Below the navigation is a large, dark background image of a grey sports car. The word 'Gallery' is centered in white text. Underneath it, a breadcrumb trail shows 'Home / Gallery'. A row of four buttons below the breadcrumb trail allows users to filter the car types: 'ALL Car', 'Supper Car', 'Hybrid Car', and 'Antique Car'. The main content area displays a grid of six smaller images showing various cars in different settings: a blue hatchback in an urban environment, a silver SUV parked in a row, a white SUV on a paved road, a red hatchback on a stone-paved street, a white sedan parked near greenery, and a solar panel array under a cloudy sky.

4. Blog



BLOG

Home / Blog



KIND CREEPETH MOVETH

Were. Every forth one male man which. Brought won't divide in. Hath gathering. Have. Open fifth face shall land fish kind isn't let can't blessed multiply third light, shall from winged, his creature isn't midst said dominion in. Male firmament beginning dominion fourth he place shall.

19 OCT

[READ MORE](#) [SHARE](#) 

CATEGORIES

UNCATEGORIZED

CATEGORIES

OCTOBER 2016

JUNE 2016

NEWSLETTER

Enter email

RECENT POSTS

KIND CREEPETH MOVETH

NIGHT GRASS DIVIDE MOVETH

LIGHTS GREEN PLACE

SARKESS WHEREIN YOU'RE MAN ALSO

LAST CAR NEWS SUMMER

KIND CREEPETH MOVETH

Were. Every forth one male man which. Brought won't divide in. Hath gathering. Have. Open fifth face shall land fish kind isn't let can't blessed multiply third light, shall from winged, his creature isn't midst said dominion in. Male firmament beginning dominion fourth he place shall.

19 OCT

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OCT**KIND CREEPETH MOVETH**

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[READ MORE](#)

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OCT**KIND CREEPETH MOVETH**

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winged, his creature isn't midst said dominion in. Male firmament beginning dominion fourth he place shall

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19 OCT

KIND CREEPETH MOVETH

Were. Every forth one male man which. Brought won't divide in. Hath gathering. Have Open fifth face shall land fish kind isn't let can't blessed multiply third light, shall from winged, his creature isn't midst said dominion in. Male firmament beginning dominion fourth he place shall

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Information

- ▶ Contact
- ▶ About Us
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- ▶ FAQ

Vehicle

- ▶ New
- ▶ Used
- ▶ Brand

Gallery

- ▶ Supper Car
- ▶ Antique car
- ▶ Hatchbacks

TOP

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5. About Us

HOME **VEHICLE** **GALLERY** **BLOG** **ABOUT US** **CONTACT US** **FAQ**

Search Car Name  CARBAZEERY
VIEWS : 001171

About Us

Home / About Us

Who we are

Carbazeery.com is a leading digital marketplace and solutions provider for the automotive industry that connects car shoppers with sellers. Launched in 1998 and headquartered in Chicago, the Company empowers shoppers with the data, resources and digital tools needed to make informed buying decisions and seamlessly connect with automotive retailers. In a rapidly changing market, Cars.com enables dealerships and OEMs with innovative technical solutions and data-driven intelligence to better reach and influence ready-to-buy shoppers, increase inventory turn and gain market share. In 2018, Carbazeery.com acquired Dealer Inspire®, an innovative technology company building solutions that future-proof dealerships with more efficient operations, a faster and easier car buying process, and connected digital experiences that sell and service more vehicles. Carbazeery.com properties include DealerRater®, Dealer Inspire®, Auto.com™, PickupTrucks.com® and NewCars.com®. For more information, visit Cars.com



Our roots

Carbazeery.com invented car search. Our site and innovative solutions connect buyers and sellers to match people with their perfect car. With our people spread across the U.S., we still maintain a startup culture with innovation and passion for our people at the core of everything we do. Carbazeery.com has an award-winning brand, leadership team, and the best and brightest employees in the industry. We've been featured as one of the top places to work by The Chicago Tribune, Built in Chicago and Chicago Innovation.

Alex Vetter, President and CEO, Carbazeery.com

Our people

FOUNDERS

- **NGUYEN HUU THINH**
Founder
- **NGUYEN DINH HIEN**
Co-Founder
- **NGUYEN BA QUOC**
Co-Founder

LEADERSHIP

- **MAI XUAN TIEN**
Co-Founder
- **TONG MINH DUONG**
Co-Founder
- **TOM**
Co-Founder

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Information

- Contact
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- FAQ

Vehicle

- New
- Used
- Brand

Gallery

- Super Car
- Antique car
- Hatchbacks





TOP

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6. Contact

Contact Us

Dear user, To provide you with the information you require as quickly and as precisely as possible, please select one of the topics listed below:

Address:
8A Ton That Thuyet - Cau Giay - Ha Noi

Mobile:
+849888888888

Email:
Carbreezy@gmail.com

Leave A Comment

Feel free to send us a message or ask for a free quote

Your Name

Your Phone Number

Your Email Address

Type Your Message Here...

SEND MESSAGE

Map showing the location of 8A Ton That Thuyet, My Dinh, Cau Giay, Ha Noi. The map includes labels for Truong Cao dang Y Ha Noi, Hanoi University of Medicine and Pharmacy, Bieu Dien Vietnam Post, My Dinh Plaza 2, Bến xe khách Mỹ Đình, Trạm Xăng Dầu Petrolimex Số 67, Chung cư FLC Complex, Tòa nhà Kim Anh, Nhà Hàng Hải Sản Biển Đông, Ngan Hang Quan Doi (MB), Manwahl Taiwanese Hotpot, Phê La, Công viên Cầu Giấy, Ha Do Park View Apartment, Sân bóng Thành Lâm 3, FPT Corp, Viên Huyết học - Truyền máu Trung ương, Trạm Xăng Dầu Housinco, and Trường THPT Mỹ Đình.

7. FAQ

HOME VEHICLE GALLERY BLOG ABOUT US CONTACT US FAQ

Search Car Name  CARBAZEERY
VIEWS : 001169

FAQ

Home / Faq

Maintenance Schedules & Pricing

See a fair price for the scheduled maintenance services your car needs.



[See Service Schedule & Pricing](#) 

Maintenance from Your Door

These service centers will provide no contact pickup and delivery.



[Find Service Centers Near You](#) 

Does Your Car Have a Safety Recall?

Millions of cars on the road have some sort of safety recalls.



[See Common Repair Pricing](#) 

Car Repair Costs FAQ

How much does car repair cost?

It depends. If you drive a newer vehicle, your vehicle warranty will typically cover any car defects at no cost to you. You're usually responsible for maintenance items like oil changes and tune ups unless you buy a car where the automaker throws in complimentary maintenance for the first few years. Of course, some

[Show more](#)

How do I estimate car repairs?

Estimating repair costs using our tool is the best and easiest way to know how much you can expect to pay, based on what others have paid. For example, suppose your vehicle's fuel filter needs replacing. In that case, the tool will pull up pricing in your local area represented as a Fair Repair Range, including parts and labor.

[Show more](#)

Do you pay before or after car repair?

Most car repairs start as estimates, so you'll get a sense of the cost before you agree to the repair. Then, in most cases, you don't pay anything to the auto repair shop or dealership until the work is complete and you see the final bill. However, for major body work some repair shops may require money up front.

[Show more](#)

Can I make monthly payments on car repair?

Yes. If you need financing for an auto repair, you can discuss the terms with the repair shop or your lender and work out monthly payments to pay for the work on your car. Be sure to ask about the interest rate because sometimes it can be higher than a low-interest credit card. It's far more likely that a dealership or

[Show more](#)

Can you negotiate car repair costs?

Yes, it's possible. You can try to negotiate your auto repair costs, but there's no guarantee. Once you know the estimated range of a typical repair for your vehicle using our car repair tool, you equip yourself with knowledge of the costs. While fixed costs may not be negotiable, such as the price for the car part,

[Show more](#)

How can I reduce my auto repair costs?

The best way to keep your car repair costs low is to keep up with regular maintenance on your vehicle. That includes getting oil changes at regular intervals, rotating your car tires, keeping them properly inflated, and more. Check your owner's manual to stay on top of your vehicle's maintenance schedule. You can also

[Show more](#)

See Pricing for Common Car Services & Repairs

Battery Replacement

Brake Repair

Brake Repair

[Show more](#)

Car Repairs by CARBAZEERY

Acura

Alfa Romeo

Aston Martin

Audi

[Show more](#)

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Vehicle

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- ▶ Brand

Gallery

- ▶ Supper Car
- ▶ Antique car
- ▶ Hatchbacks



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III. Developer's Guide

1. js.js

Function name/Function comment	Functionality
toggle()	after clicking on the icon add and remove the toggle-up class. make animation rotate icon 180 degrees

2. app.js

Function name/Function comment	Functionality
startAutoSlide()	automatic slides
checkIsVisible	catch the scroll event when the element appears on the screen (\leq window.innerHeight) it will count down the number with setInterval . when value end is equal to value start then clearInterval
hienDT and hienDTs	used to render data to the screen via array and check the price and brand
myFunction	change nav color when scrolling down 50px
cookieVal and page_counter	used to count website visits based on cookies cookies

IV. Project Task Assignment

- a) Team members' role

Nguyen Dinh Hien	Leader
Mai Xuan Tien	Member
Tong Minh Duong	Member
Nguyen Huu Thinh	Member
Nguyen Ba Quoc	Member

b) Main tasks distribution

- Preparation stage: Before starting with building the website, the team needs to prepare the prototype and the sitemap of the website. At the same time, team members also need to prepare and collect information of 30 products including images, descriptions, and specification dimensions from page such as [Google](#), whose sites contain relevant resources regarding selling chairs. In addition, details related to the blog page are also collected and edited from sites such as <https://autozone.templates.org>.
- Main stage: Coding the website layout (HTML, CSS and Javascript) based on the prototype, sitemap and information prepared. After the framework is done, the team starts to add responsive media styles to fit different devices.
- Complete stage: Fixing the bugs, synchronising layout and publishing website. In addition, with advice from the faculty, the team decided to complete the website by adding admin dashboard pages making use of Bootstrap, JQuery

V. Summary

- Use functions in Javascript to validate forms
- Use functions to add events (click, blur, focusout, etc) to DOM elements (buttons, div, etc.) and perform actions on localStorage to store items, get items and remove items for display
- Use CSS to design responsive media style
- Use functions in Javascript and apply MVC (Model, View, Controller) structure from AngularJS
- Create unity in style (color, font-size, etc) from different pages in the website
- Take advantage of resources from libraries such as JQuery, Bootstrap, Owl Carousel to make the design process in CSS and JS easier. Teamwork skills
- Conduct online meetings and assign tasks to members weekly and daily using skype
- Before making a final decision on an outcome look of any pages, members need to yield agreement from everyone else. In that way, the team could prevent differences in the style of the pages of each member.