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## Project: MLACar

### DESIGN DOCUMENT

# MLA CARetail

**Created by:**

- Nguyen Chanh Man
- Lam Vo Van Anh

**Instructor:**

- Mr. Khoa Nguyen

**Class:**

- ACCP2011

**Date:**  
**2021-April-30th**



This is to certify that

Mr. / Ms.:

**Nguyen Chanh Man**

Mr. / Ms.:

**Lam Vo Van Anh**

Has successfully designed, developed  
and hosted

**MLACaRetail**

Submitted by:

**Mr. Khoa Nguyen**

Project Name: <b>MLACaRetail</b>	Document name: <b>Design &amp; User Guide</b>	Form No.
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Project Group No.	Man & Anh	Mr. Khoa Nguyen
Signature of Group Leader		
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## Section 1: Introduction.

### 1. Company Introduction.

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MLACaRetail.com is a website focusing on selling middle class and luxury cars. We also provide online order and home delivery.

Due to a range of high class customers of the company, the owner wishes to renovate the look and feel of the website thus it could be modern, authentic and bring more value to the business.

### 2. Main missions.

---

- The site should work well in all leading browsers including Chrome, IE, Firefox etc.
- The website is to be developed for the Windows Platform using Bootstrap 4, JavaScript and React JS.
- The site will list all the different branded cars of MLACaRetail.
- Create the look and feel of the website which should be modern and eye-catching for the business perspective.

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### 3. Hardware Requirements.

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- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better.
- 64 Megabytes of RAM or better.

### 4. Software Requirements.

---

- Visual Code

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## Section 2: Analysis-Design.

### 1. Request Analysis

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The website is to be created based on the following requirements:

- The Homepage should be created making use of sections with a suitable logo.
- The Menu must be included in the website.
- Links to subpages such as:
  - Product List:
    - Mercedes
    - Tesla
    - Ferrari
    - BMW
    - Porsche
  - Blog & News
  - Product Details
  - About Us
- There should be a “Contact Us” page which will have the Address of the Company which should be displayed using GeoLocation API (eg. GoogleMaps) and the email address which when clicked will invoke the local mail client from where they can send an email.

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## 2. Use Case.

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A use case diagram at its simplest is a representation of a user's interaction with the system that shows the relationship between the user and the different use case in which the user is involved. A use case diagram can identify the different types of users of a system and the different use cases and will often be accompanied by other types of diagrams as well.

In this context, "system" is the website being developed or operated, which is named "**MLACaRetail**" that lists all the products (Cars) and selling them to customer (**Actor**).

Below is the Use case diagram of **MLACaRetail** website:

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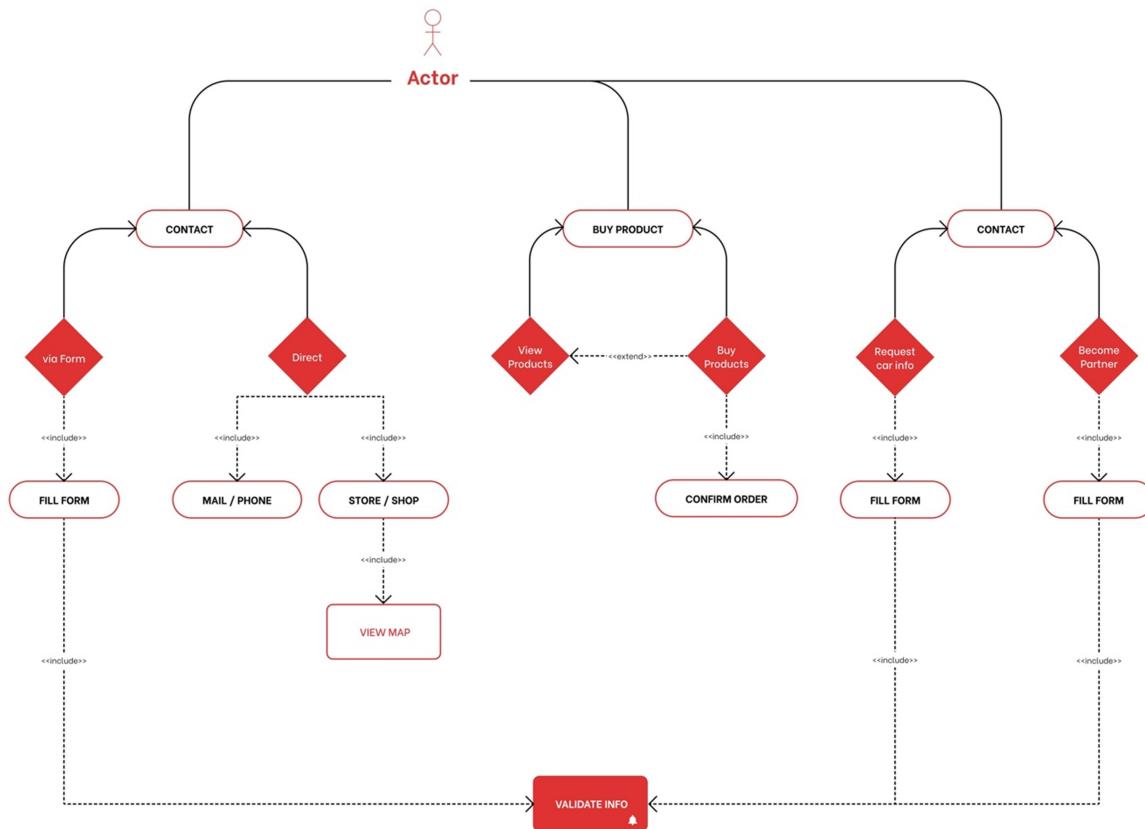


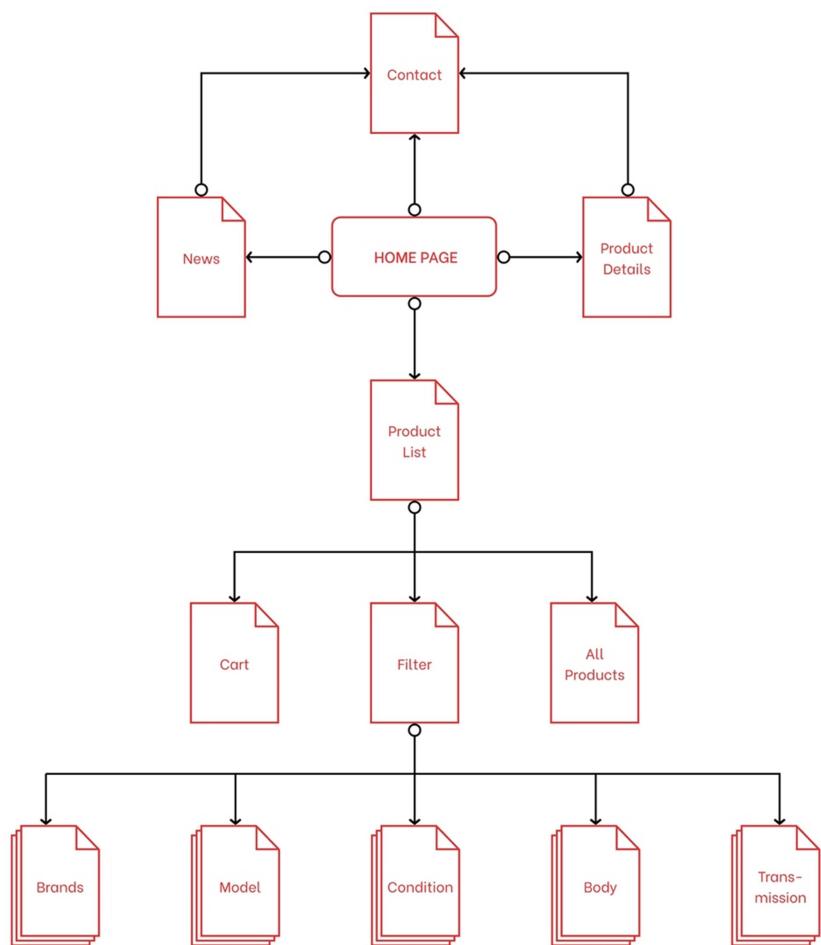
Figure 1. MLACaRetail's Use case diagram

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### 3. Site Map.

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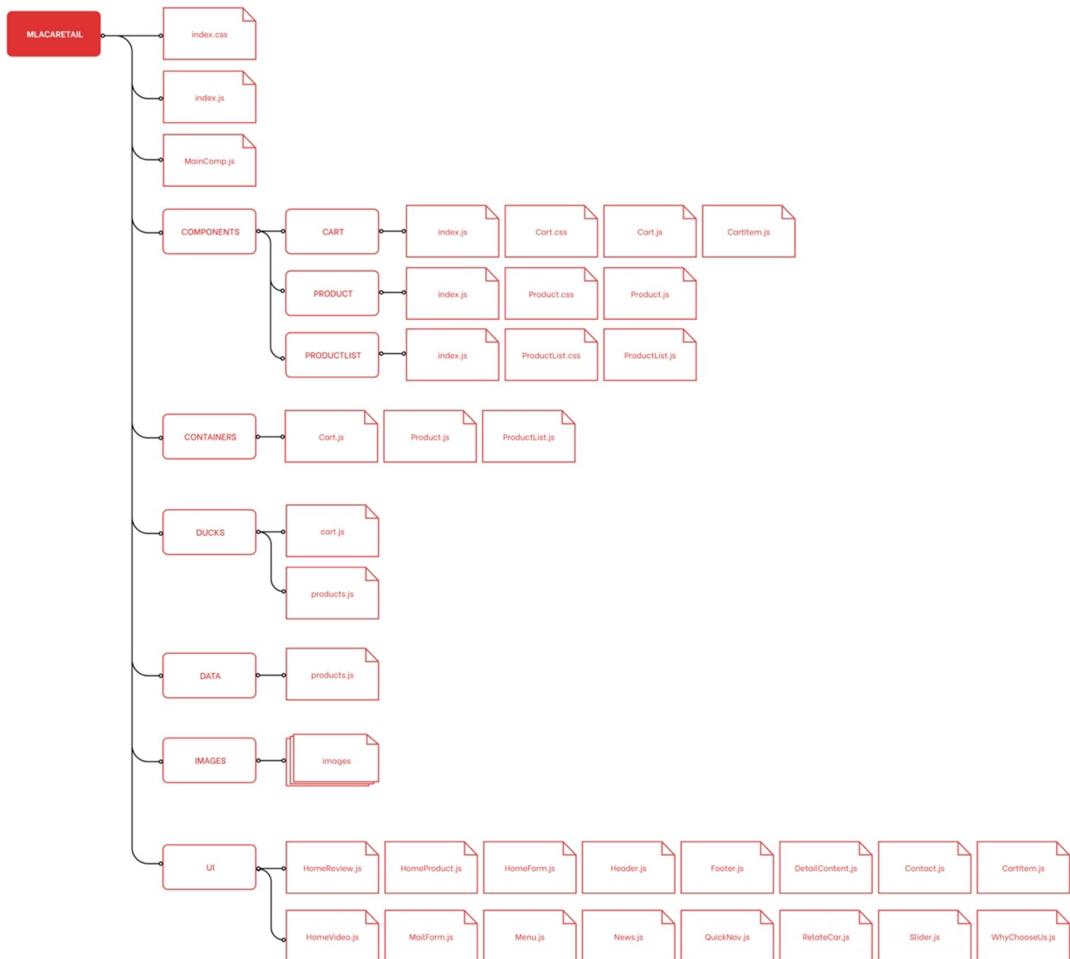


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#### 4. Folder directory tree.

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## Section 3: Installation Instruction.

### 1. Hardware Requirements.

---

- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better.
- 64 Megabytes of RAM or better.

### 2. Software Requirements.

---

- Visual Studio

### 3. Installation Instruction.

---

- Extract file: “**MLACar.rar**”.
- Open folder: src
- Install node module
- Run localhost

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Signature of Group Leader	Man & Anh	Mr. Khoa Nguyen
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## Section 4: User Manual.

### Home Page

Home page include 6 sections: Navigation bar, Header, Special deal, Our products, Our shops, Event & Catering, Feedback.

#### I. Navigation Bar

- o Include Shop's logo
- o Navigation link: Products, News, Contact us, Product Details.



Figure 3: Navigation bar

#### II. Header

- o Logo and Name
- o Carousel slides
- o Services

Project  
Signature  
Date: 2021 April 30th

localhost:3000/#

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### III. Preview – Contact – Testimonials

- Include special deals available for a limited time.

**Bạn muốn mua xe chất - Giá rẻ ?**  
Liên hệ ngay với MLA. Nhà bán lẻ xe hơi giá tốt nhất thị trường !  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus libero arcu, convallis eget leo id, sollicitudin iaculis mi. Proin id interdum erat, eu dignissim lorem. In consequat ullamcorper bibendum

*Van Anh*  
— MLA Founder

Figure 6. Video Preview Section

**Vì sao nên chọn chúng tôi ?**

- ĐỦ ĐỒNG XE**  
Sed ut perspiciatis unde omnis iste natus error sit voluptatem acantium doloremque laudantium.
- HỖ TRỢ MIỄN PHÍ**  
Sed ut perspiciatis unde omnis iste natus error sit voluptatem acantium doloremque laudantium.
- MUA TRẢ GÓP**  
Sed ut perspiciatis unde omnis iste natus error sit voluptatem acantium doloremque laudantium.
- BẢO TRÌ MIỄN PHÍ**  
Sed ut perspiciatis unde omnis iste natus error sit voluptatem acantium doloremque laudantium.
- GIÁ TỐT NHẤT**  
Sed ut perspiciatis unde omnis iste natus error sit voluptatem acantium doloremque laudantium.
- QUÀ TẶNG KHỦNG**  
Sed ut perspiciatis unde omnis iste natus error sit voluptatem acantium doloremque laudantium.

Figure 7. Feedback and Unique Selling Points Sections

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#### IV. Product List

- Include all products and filters for different categories
- Include “**Cart**” to view live pricing when user clicks “Add to cart”

**Danh sách sản phẩm**

---



**Mazda CX-5  
2.0L Deluxe**  
500 triệu

[Thêm giỏ](#)



**Toyota avalon  
hybrid**  
679 triệu

[Thêm giỏ](#)



**Acura Rsx**  
985 triệu

[Thêm giỎ](#)



**BMW 530i  
(2018)**  
856 triệu

[Thêm giỎ](#)



**Hyundai Santa  
FE Sport**  
1098 triệu

[Thêm giỎ](#)



**Toyota Innova  
Venturer**  
743 triệu

[Thêm giỎ](#)

GiỎ hàng

GiỎ hàng trống

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Brand	Model	Condition	Body
			Transmission

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**Liên hệ với chúng tôi**

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Họ Tên

Figure 8. Full Products Section



**Toyota avalon  
hybrid**  
679 triệu

[Xóa đி](#)



**Acura Rsx**  
985 triệu

[Xóa đி](#)

GiỎ hàng

X Toyota avalon hybrid 679 triệu
X Acura Rsx 985 triệu

**Tổng cộng: 1664 triệu**

[Đặt hàng](#)

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## V. Product Details

- o Include basic information and technical details
- o Include contact forms for further requests
- o Include recommended products

The screenshot shows a car listing for a **HYUNDAI SANTA FE**. The main summary table on the right lists the following details:

Thương hiệu	BMW
Model	7-Series
Ngày ra mắt	2017
Số km	25,000 km
Tình trạng	Mới
Màu sắc ngoại thất	Bạc
Màu sắc nội thất	Da (Nâu)
Kiểu lái	FWD

The detailed description below the summary table contains placeholder Latin text. The sidebar on the right includes sections for sharing the listing via social media and for contacting the seller with fields for name, phone number (078.5511.547), and message content.

At the bottom of the page, there's a section titled "CÓ THỂ BẠN THÍCH" (Cars you might like) showing other car models and their prices:

- Mazda CX-5 2.0L Deluxe 500 triệu
- Toyota avalon hybrid 679 triệu
- Acura Rx5 985 triệu
- BMW 530i (2018) 856 triệu
- Hyundai Santa FE Sport 1098 triệu
- Toyota Innova Venturer 743 triệu

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## VI. Contact

- Include contact form
- Include map

support@website.com | Thứ 2 - Thứ 7 8h-16h | 078.5511547 | @ | f

**MLA CAR retail**

Trang chủ | Danh mục xe | Tin tức | Liên hệ | Chi tiết sản phẩm | Danh sách sản phẩm

**LIÊN HỆ VỚI CHÚNG TÔI**  
Để biết những khuyến mãi cực khủng

**DỊA CHỈ**  
102 Nguyễn Đình Chính, Phú Nhuận, TP.HCM, Việt Nam

**SỐ ĐIỆN THOẠI**  
078.5511547

**EMAIL**  
MLAsupport@cardeler.com

**FAX**  
0999.544.3221

Họ tên  
Email  
Số điện thoại  
Nội dung cần tư vấn

**Giờ hoạt động**

**Chủ nhật Nghỉ**  
Thứ 2 9:00 AM to 9:00 PM  
Thứ 3 9:00 AM to 9:00 PM  
Thứ 4 9:00 AM to 9:00 PM  
Thứ 5 9:00 AM to 9:00 PM  
Thứ 6 9:00 AM to 9:00 PM  
Thứ 7 9:00 AM to 9:00 PM

Gửi thông tin

**MLA CAR retail**

Chúng tôi là nhà bán lẻ xe hơi uy tín hàng đầu Việt Nam. Sản phẩm tại MLA Car Retail luôn có giá tốt nhất thị trường

102 Nguyễn Đình Chính, Phú Nhuận, TP.HCM  
078.5511547  
support@mla.com.vn

**Liên kết**

Trang chủ  
Về chúng tôi  
Hướng dẫn mua xe  
Quy trình thanh toán  
Chính sách bảo hiểm

**Mạng xã hội**

f | t | i | v

**Email của bạn**

Đăng ký thông tin hữu ích qua Email :

Gửi email

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## VII. News & Blog

- o Include Feedback Form.
- o Include submit button.

Thông tin hữu ích về xe hơi

### Tin tức - Bài viết



**Tìm kiếm**



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**Đâu là thời điểm tốt nhất để mua xe hơi ?**

Van Anh / 5 / Tháng 04, 2021 / 1234

You will begin to realize why this exercise is called the Dickens Pattern with reference to the ghost showing Scrooge some different futures as you notice that the idea of this exercise is to hypnotize yourself to be aware of two very real possibilities for your future. Two distinct pathways that you could take for your life this very day. Have a think about something that you do that you are maybe not motivated.

## VIII. Footer

- o Include Logo
- o Include Info: Subpage links, Mail, Phone number, Address
- o Include email fill-in form for subscription

**MLA CAR retail**

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102 Nguyễn Đình Chính, Phú Nhuận, TP.HCM

078.5511.547

support@mla.com.vn

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**Email của bạn**

Đăng ký thông tin hữu ích qua Email :

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## Section 5: Distribution Table.

TASK	DESCRIPTION	START DATE	END DATE	MEMBER	STATUS
Create Template	Make the theme for website	01 April 2021	02 April 2021	Mẫn + Vân Anh	Done
Home Page	Including Header + Menu + Quick Link + Video Section + Contact Form Section + Product list + Cart + Testimonial + Why choose us section + Footer	03 April 2021	17 April 2021	Mẫn + Vân Anh	Done
Product Detail Page	Introduce car detail, such as price, overview, car description, specifications, images and much more details...	18 April 2021	20 April 2021	Mẫn + Vân Anh	Done
News/Blog Page	Share news and tips, tricks about car industry	20 April 2021	21 April 2021	Mẫn + Vân Anh	Done
Contact Page	Contact information like address, phone, email, working hours, fax and map, and we also have contact form	21 April 2021	22 April 2021	Mẫn + Vân Anh	Done
Product list Page	Show list product and filter system and cart function	22 April 2021	23 April 2021	Mẫn + Vân Anh	Done
Logo Design	Create an icon for our website	24 April 2021	25 April 2021	Mẫn + Vân Anh	Done

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