

AUTOWORLD.COM

A GATEWAY TO CAR DEALERSHIP

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Class	T1.1707.M0		
Group	4		
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Duration	Start date	13 th October 2017	
	End date	13 th November 2017	

This is to certify that

Mr./Ms.:

Nguyen Dinh Loc

Quach Trung Hieu

Nguyen Van Thuan

has successfully designed & developed

eProject: Autoworld website

Submitted by:

Nguyen Dinh Loc

Date of issue: _____ November 1st 2017

Authorized Signature:

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Acknowledgement

It is often said that “Gratitude is the sign of noble souls”. That’s why we devote this chapter to express our deep gratitude towards those who have supported and guided us to accomplish this eProject successfully.

First and foremost, we appreciate the invaluable assistance that our beloved instructor – Ms. Le Mong Thuy, has offered us. Whenever problems come up, she’ll always be the one that we can count on for solutions. Moreover, there were moments when our team decided to give up our project, and Ms. Thuy gave us a pep talk to keep us back on the track. Therefore, once again, we truly value your dedication and guidance, Ms. Thuy.

Next, it would have been impossible to carry out and complete this project without the collaboration among our team members. Although we have gone through many obstacles during the project implementation, eventually we gained what we aimed at by our hard work, our strong commitment and of course, our brotherhood.

Finally, thanks to Aptech’s eProject assignment, we had a golden opportunity to apply what we have learnt into reality and gain hands-on experience which is essential for our future career.

Synopsis

Autoworld.com is a website that is created to make car ownership for prospective customers a truly enjoyable and hassle-free experience. It provides reliable and up-to-date information about all types of car and motorbikes from well-known brands in the world.

When the customers log on to Autoworld.com, they can find the car or motor that they’re looking for from a wide range of car or motor models. If they still don’t know which one to buy, they can go to *Compare section* where all types of cars or motors are compared according to their brands. Once they have found their desired product, they can easily connect to dealer via addresses provided by the website. What’s more, the users will also be informed about the warranty schemes as well as a list of banks or organization which provide finance to purchase from AutoWorld.

Problem Statement

After reading the expectations from Autoworld, our group has discussed about what should be done to fulfil their requirements properly. We came to conclusion that in order to achieve the best result, we should deal with following queries:

1. How many car/motor brands are included in the website?
2. How is each webpage designed to offer users the enjoyable experience?
3. How is search and compare function programmed?
4. How do web users interact with the website?
5. Will the web run successfully on web browsers?

Additionally, the website will be built to run efficiently only on Windows platform. However, it still can be compatible on all leading web browsers such as Chrome, IE and Firefox. We make use of HTML5, Bootstrap, JQuery, and AngularJs to create a website that both runs smoothly and has a friendly UI.

CUSTOMER'S REQUIREMENTS SPECIFICATIONS

Client: Autoworld

Business/Project Objective:

Autoworld requests to design a website that specializes in trading cars and motors between customers and dealers online as well as providing necessary information related the purchase procedure, i.e. bank loan, warranty schemes, and location of car dealers.

Input to the system:

❖ **From webmaster:**

- Information about types of cars and motorbikes from various brands.
- A list of banks that offer loan to purchase cars or motorbikes.
- Warranty schemes according to each car or motorbike brand.
- Contact details for users to keep in touch with Autoworld.

❖ **From web users:**

- Searching models of cars or motors based on brands or price.
- Making comparison between models of cars or motors.
- Requesting information to the Autoworld.
- Finding a suitable bank to loan money for purchasing a car or motor.

Output from the system:

- Displaying the products that the user is looking for, including images of car/motor model, price, its specifications, contact details of dealer and a link to the official website of that product.
- Comparing car/motor models based on car/motor brands.
- Connecting the user to the bank that offer bank loan to buy cars/motors.
- Sending the user's request to Autoworld
- Allowing the user to download warranty schemes from car/motor brands

Hardware/ Software Requirements

❖ For webmaster

Hardware

- Intel Pentium 4 processor or higher
- 1 Gigabytes of RAM or higher

Software

- Windows 7 OS or higher
- Adobe Dreamweaver
- HTML5 and Javascript supporting web browsers such as IE, Chrome or Firefox

❖ For web users

Hardware

- Intel Pentium 4 processor or higher
- 512 Megabytes of RAM or higher

Software

- Windows XP OS or higher
- HTML5 and Javascript supporting web browsers such as IE, Chrome or Firefox

Scope of the work (in brief)

After a long and detailed discussion, our group has decided to create a website contain the following webpages:

1. **Homepage:** Display information about best-selling products, an introduction about Autoworld and our team members.
2. **Product:** Display a catalogue of cars and motors according to their brands and the search section for customers to look for their wanted cars/motors conveniently.
3. **Compare:** Allow customers to compare types of cars or motors in terms of their brands or price.
4. **Finance Support:** Display a list of banks or organizations that offer money loan to purchase cars or motors.
5. **Warranty Scheme:** Provide warranty scheme according to each car/motor brand.
6. **Contact Us:** Allow customers to request any information they want to Autoworld.

Architecture and design of the system

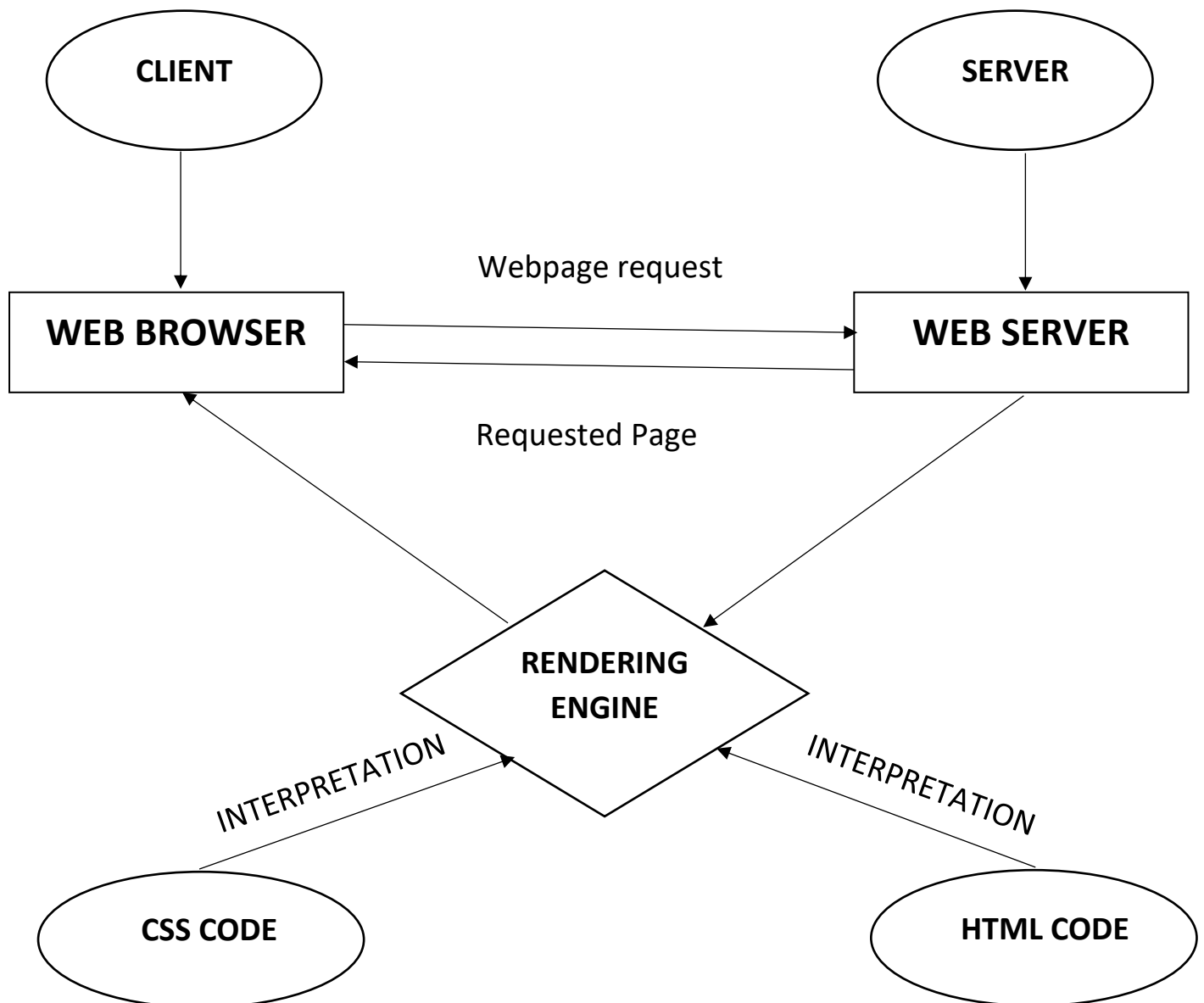
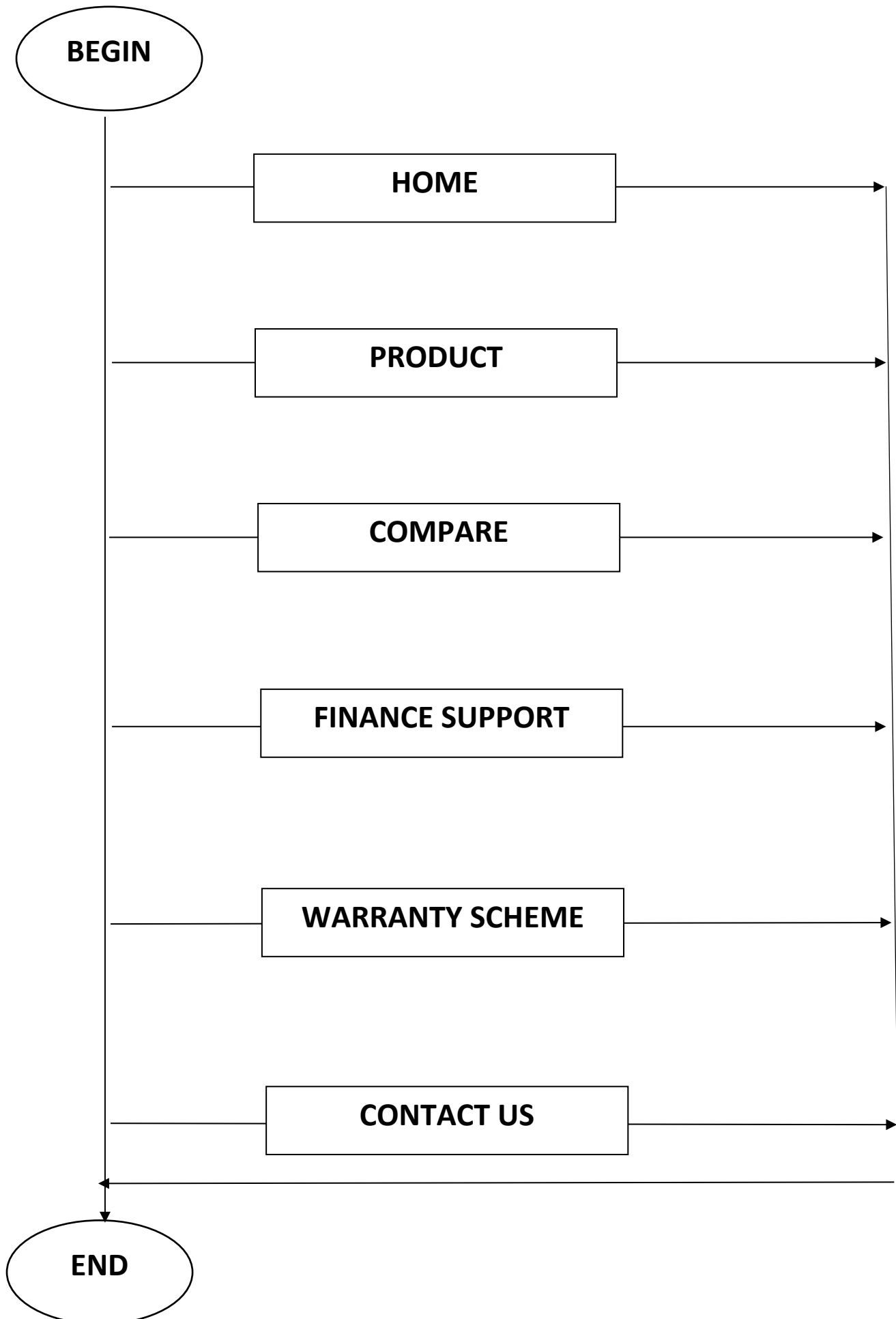
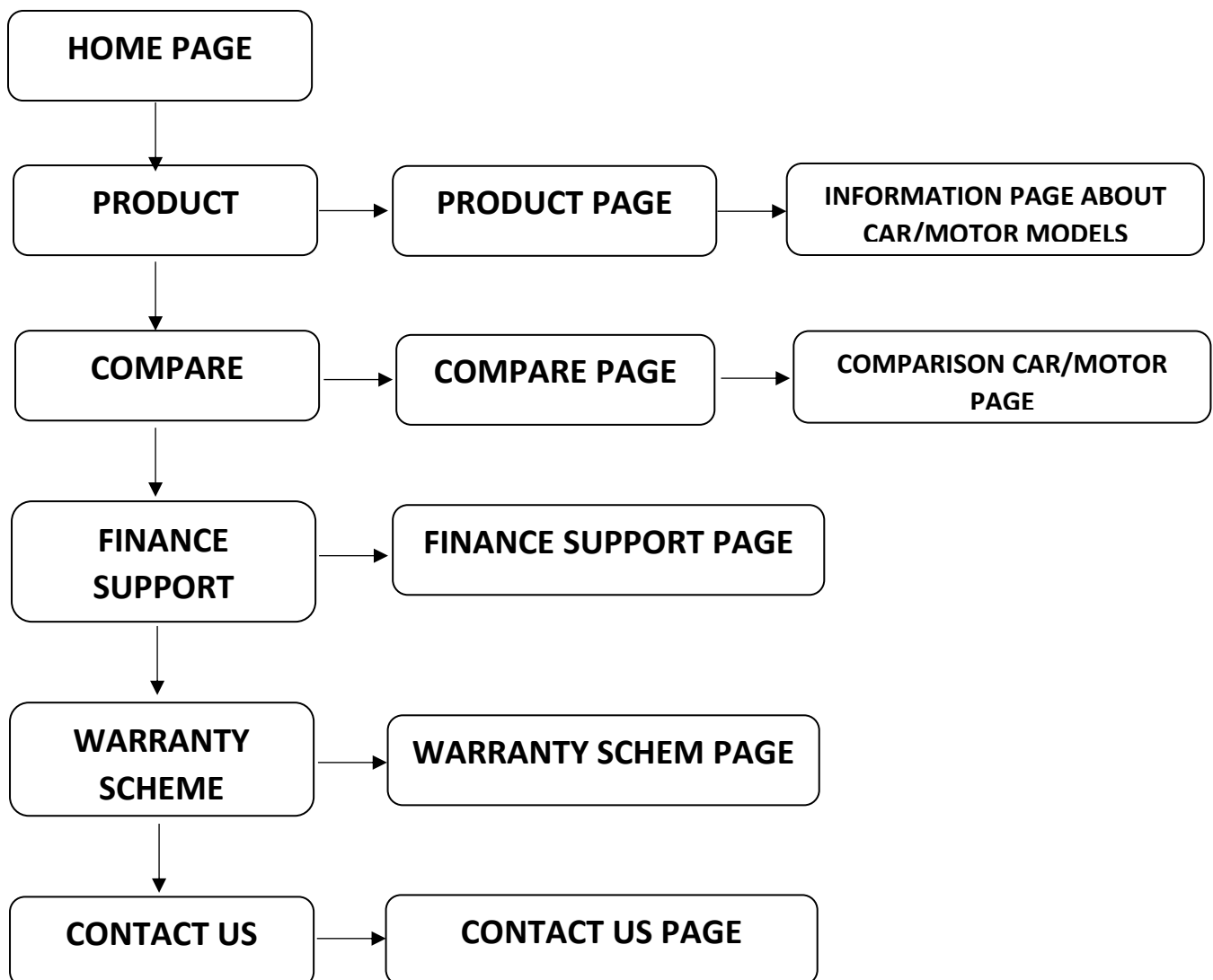


Diagram of the website



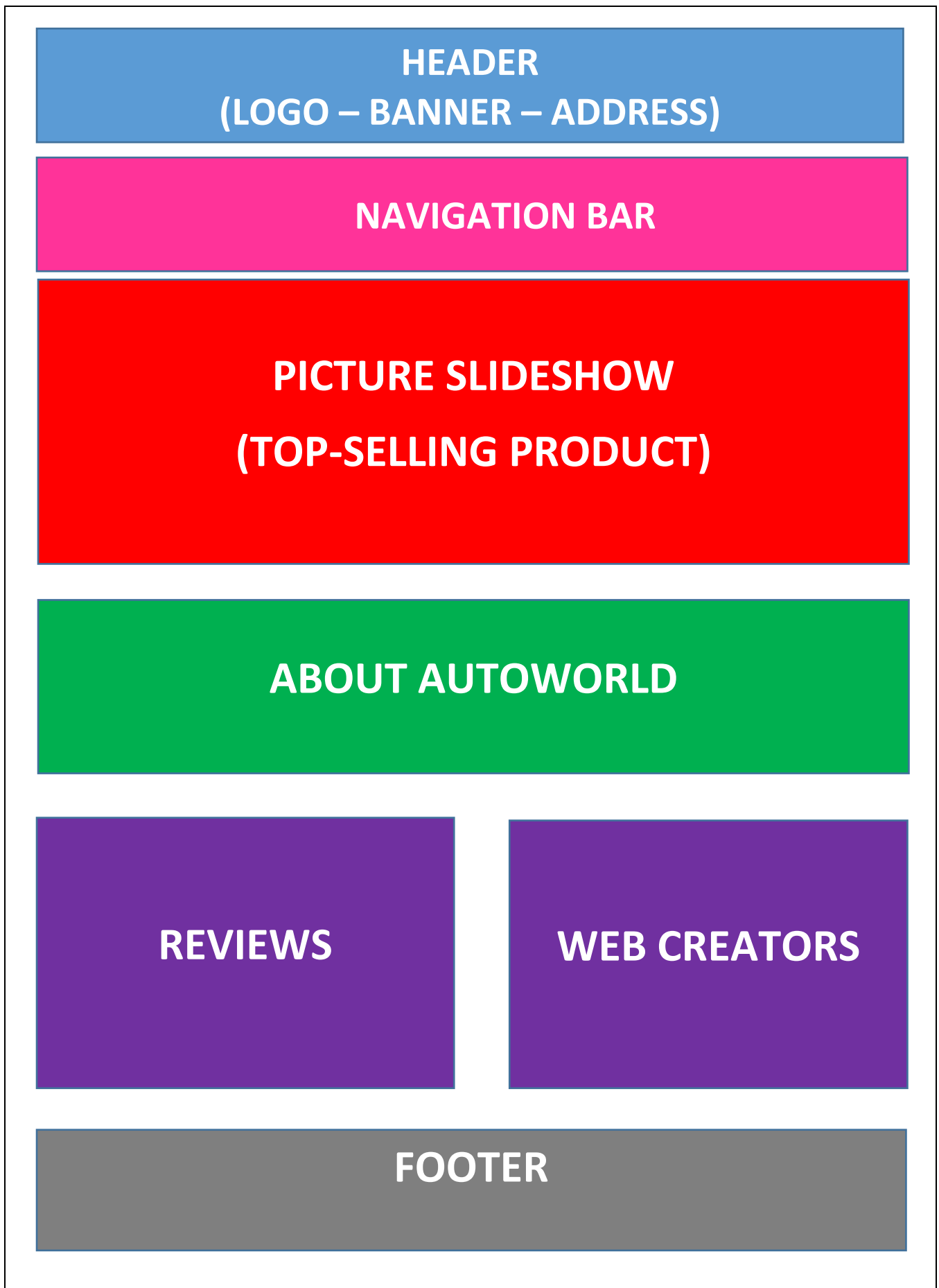
Date:	
Signature of Instructor: Ms. Le Mong Thuy	Signature of Team Leader: Nguyen Dinh Loc

SITE MAP

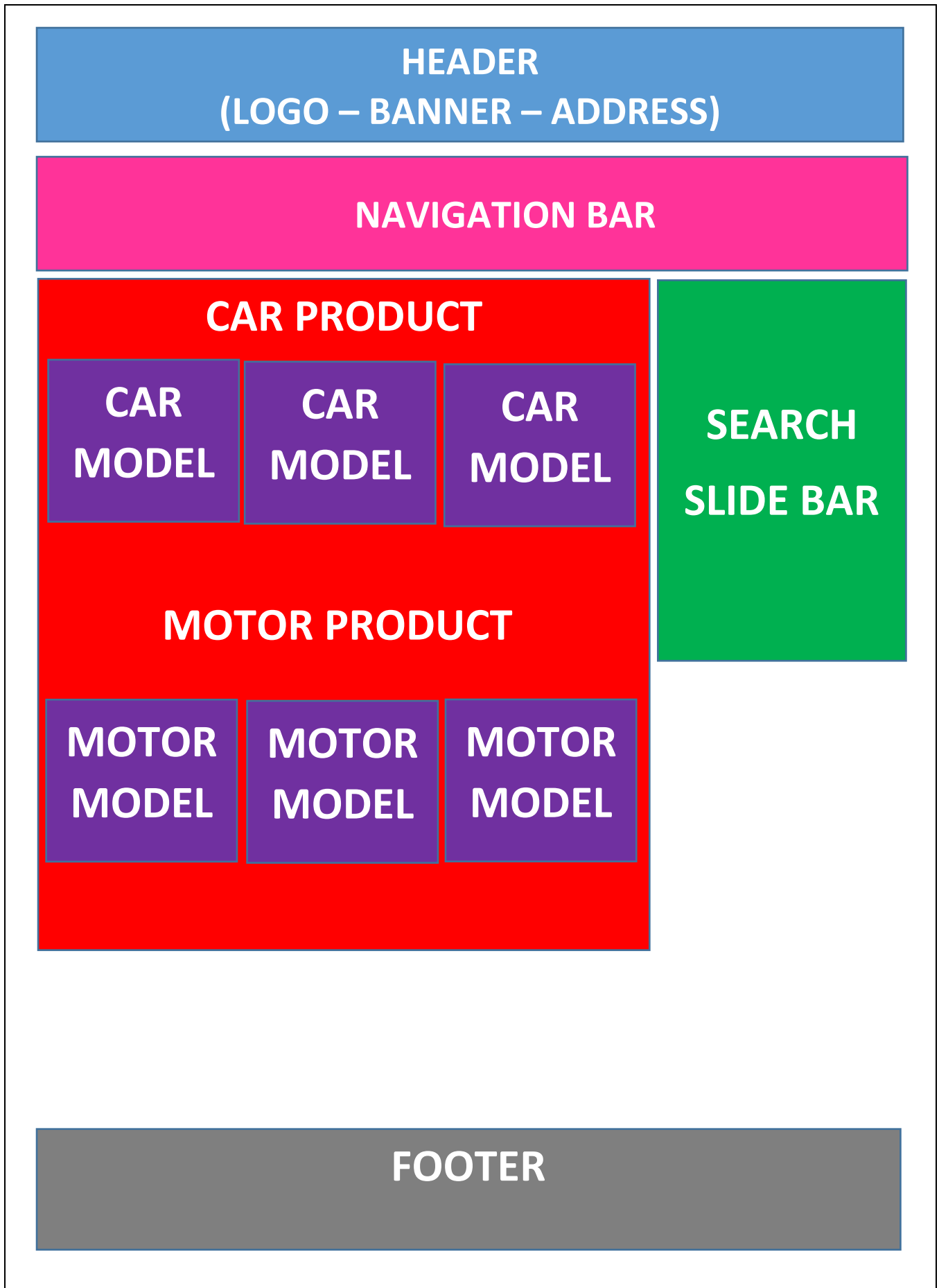


Mock of the website

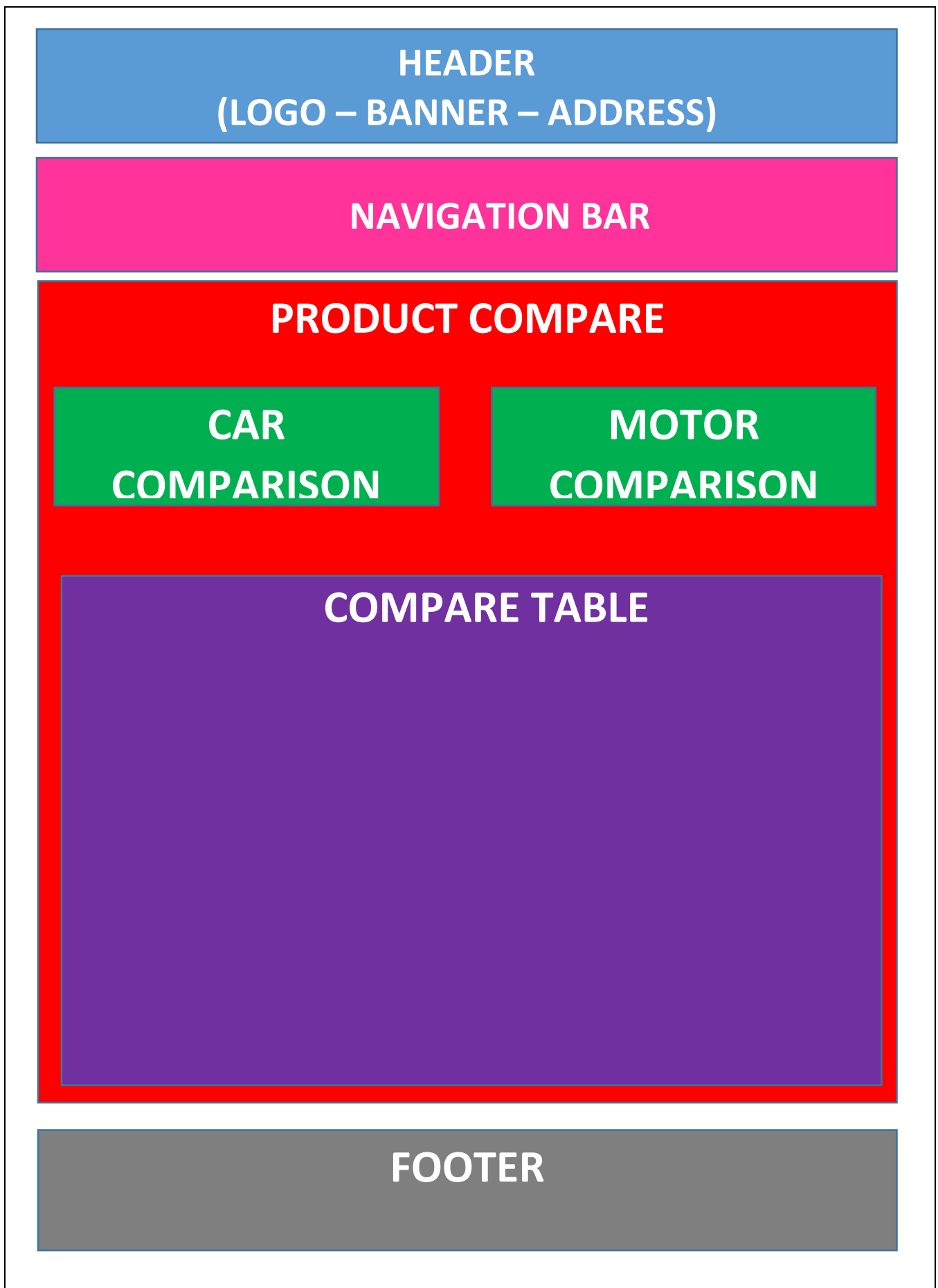
1. Home page



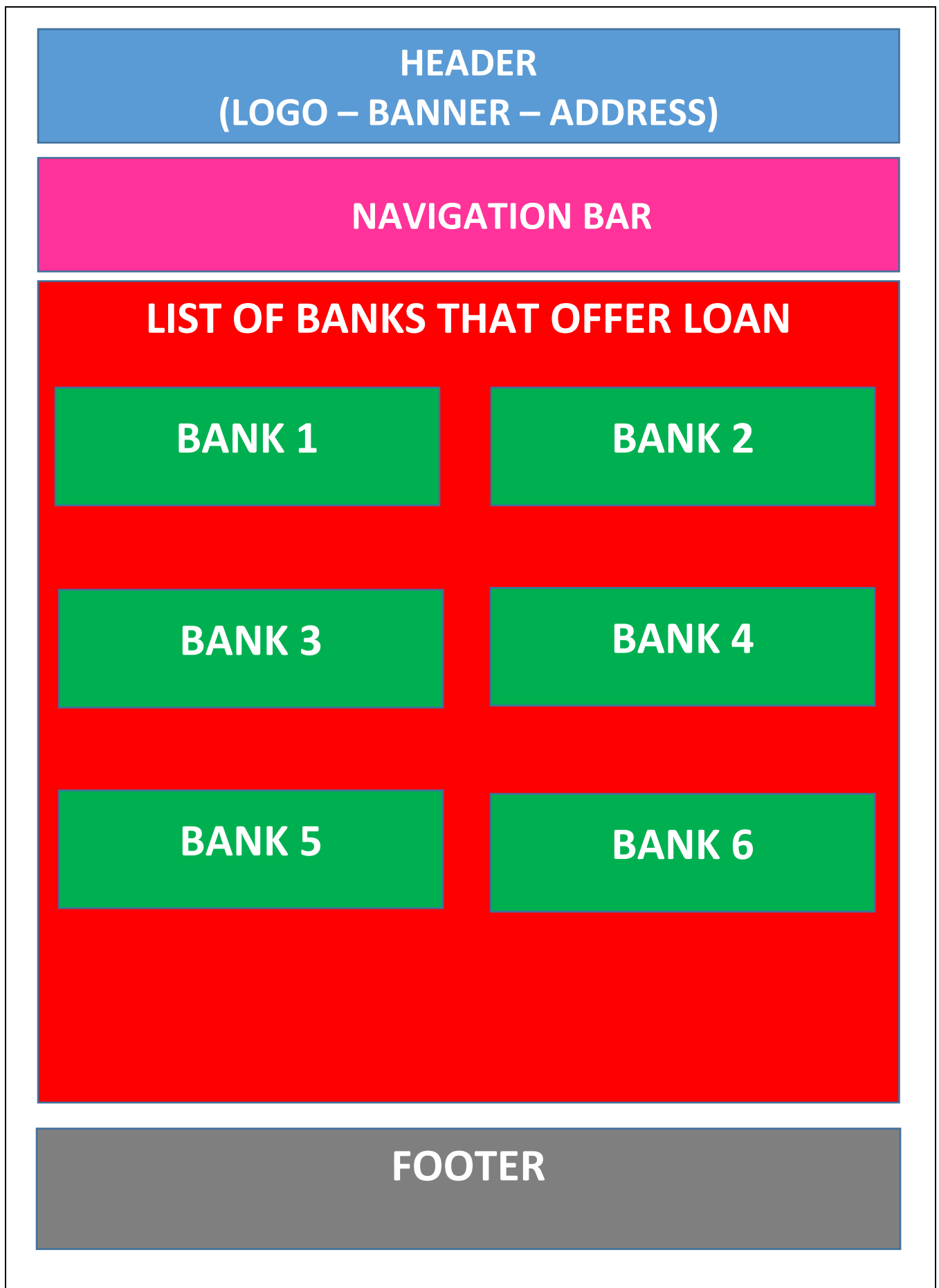
2. Product



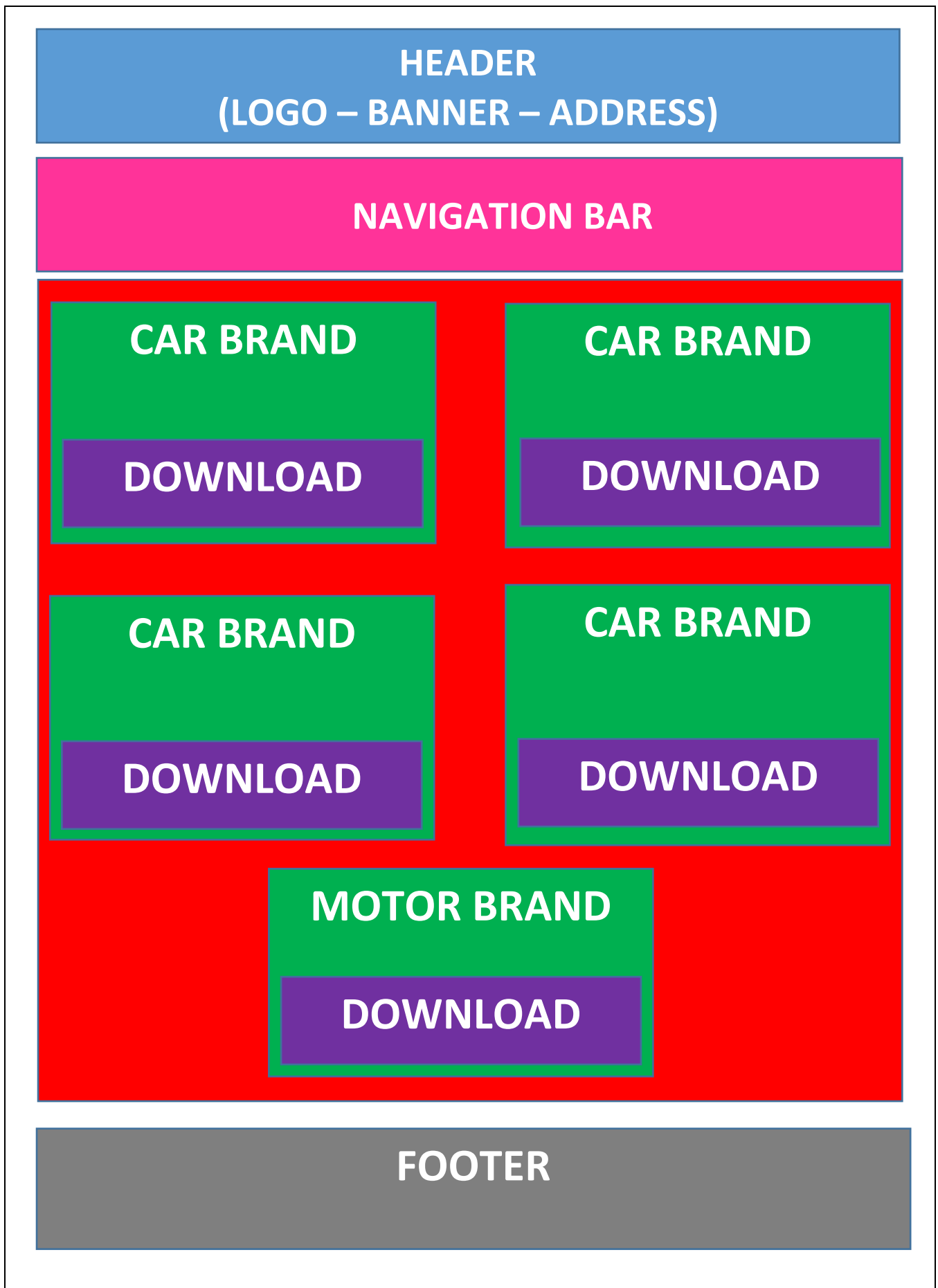
3. Compare



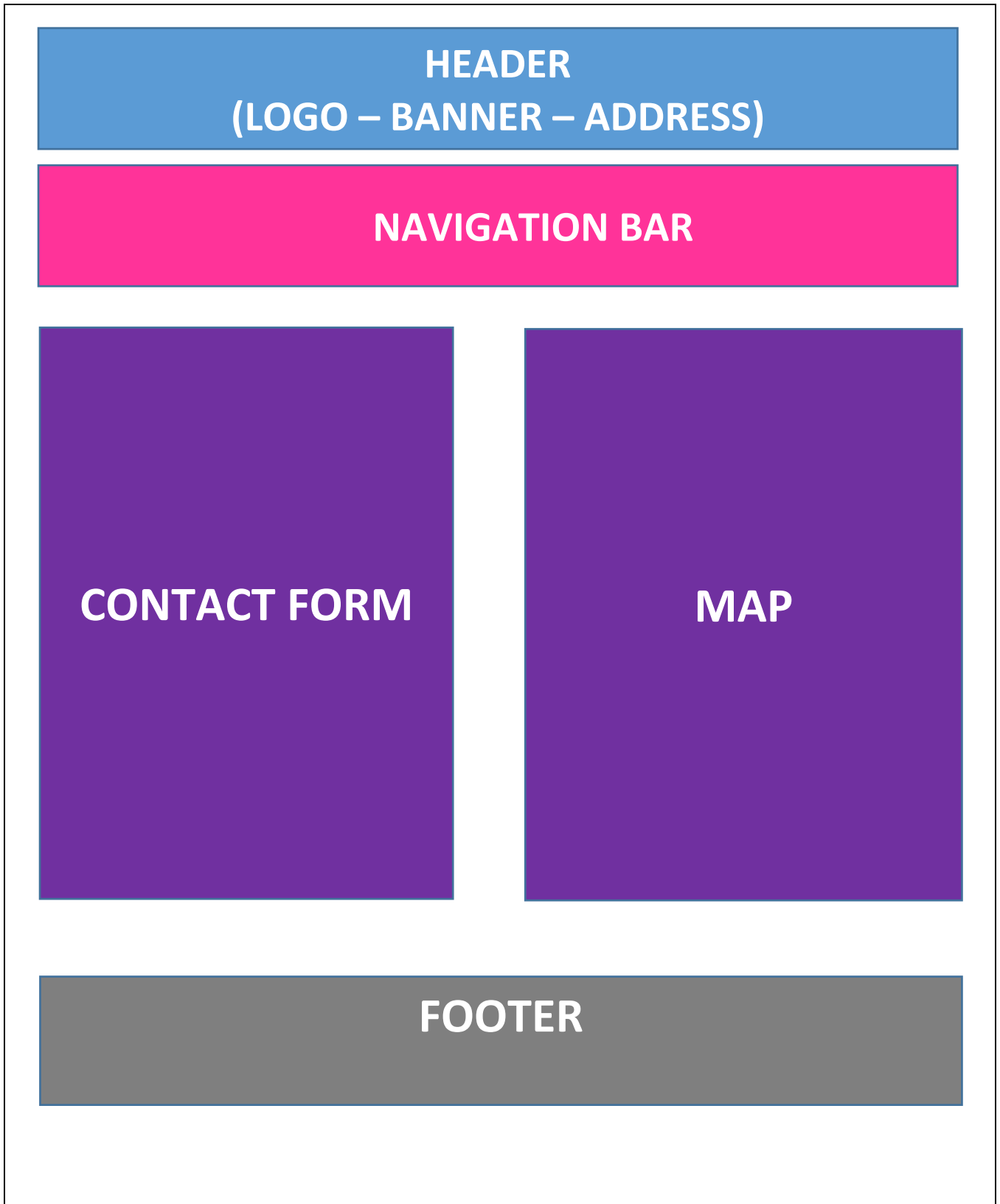
4. Finance support



5. Warranty scheme



6. Contact Us



TASK SHEET REVIEW 2

Project Ref. No.: eP/Advertisement Portal Management System/01		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Site map	Autoworld	Loc	16/10/17	1	Loc	Completed
2	Mock of the website			16/10/17	1	Hieu	Completed
3	Task sheet			16/10/17	1	Thuan	Completed

Date:	
Signature of Instructor:	Signature of Team Leader:
Ms. Le Mong Thuy	Nguyen Dinh Loc

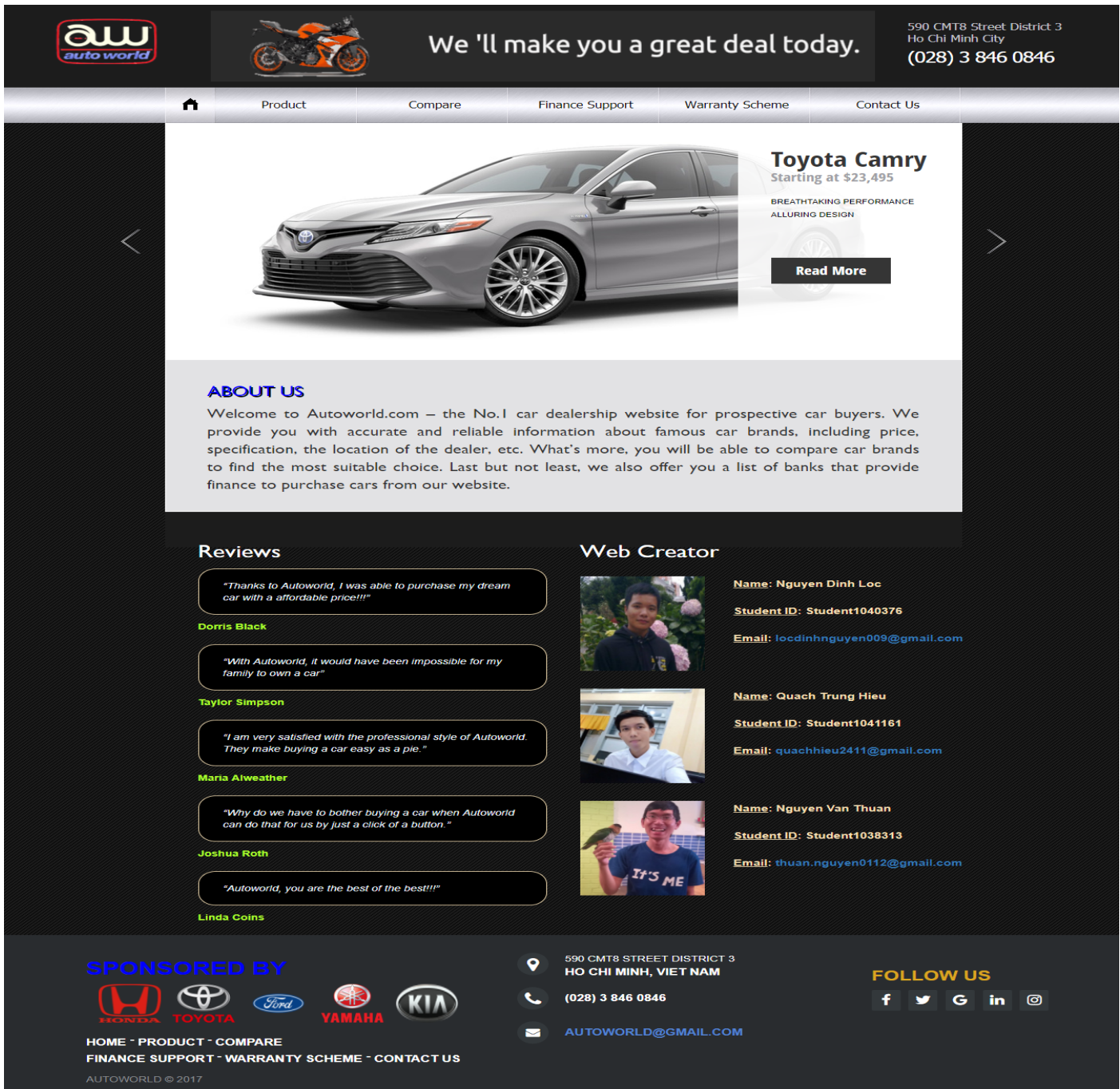
WEBSITE DESCRIPTION

1. Home page

a) Description

This webpage displays following information: Autoworld introduction, best-selling products, reviews from customers and web creators.

b) Screenshot



❖ Navigation bar

Description

This menu bar allows users to navigate to every webpage of the whole website. For example, users need to click on product so the Product page will open. The same method is applied for other pages.

2. Product

1. Description

This webpage displays car/motor models from different brands. Users can sort the products in terms of price, car or motor and search a particular model using the search bar. If users want to see the details of a particular product, they will click the red button "Click for more details" and another page will open to show the information of the chosen product.

2. Screenshot

The screenshot displays the Autoworld website interface. At the top, there is a header with the 'aw auto world' logo, a motorcycle image, the slogan 'We'll make you a great deal today.', and contact information: '590 CMT8 Street District 3 Ho Chi Minh City (028) 3 846 0846'. Below the header is a navigation bar with links: Home, Product, Compare, Finance Support, Warranty Scheme, and Contact Us.

The main content area is divided into two sections. On the left, there are filter options: 'Filter by type:' with buttons for 'All products', 'Car Models', and 'Motor Models'; and 'Filter by price:' with buttons for 'Low to High' and 'High to Low'. Below these filters is a grid of product cards. Each card features an image of a vehicle, its name, starting price, and a red button labeled 'Click for more details'. The products listed are:

- Ford Fiesta (Starting at \$13,660)
- Ford Focus (Starting at \$17,860)
- Honda Accord (Starting at \$23,570)
- Honda Civic (Starting at \$18,840)
- Honda CR-V (Starting at \$24,150)
- Kia Optima (Starting at \$22,500)
- Kia Rio (Starting at \$13,900)
- Kia Sorento (Starting at \$25,800)
- Toyota Yaris (Starting at \$19,060)
- Yamaha R6 (Starting at \$12,199)

On the right side of the main content area, there is a 'SEARCH' section with a search bar and a magnifying glass icon. The search bar contains the placeholder text 'Type car/motor model you're looking for'.

The footer section includes 'SPONSORED BY' logos for Honda, Toyota, Ford, Yamaha, and Kia. It also provides the address '590 CMT8 STREET DISTRICT 3 HO CHI MINH, VIET NAM', the phone number '(028) 3 846 0846', the email 'AUTOWORLD@GMAIL.COM', and social media links for Facebook, Twitter, Google+, LinkedIn, and Instagram. At the bottom left, there are links for 'HOME', 'PRODUCT', 'COMPARE', 'FINANCE SUPPORT', 'WARRANTY SCHEME', and 'CONTACT US', along with the copyright notice 'AUTOWORLD © 2017'.

❖ **Example of a detailed information page**❖ Description



This webpage displays detailed information car/motor models from different brands, including pictures, specifications, and dealer contact.

❖ Screenshot

Ford Fiesta

Starting at \$13,660

GO TO THE PRODUCT WEBSITE

Mouse over to zoom the image

Key Features

Panoramic roof	Heated seats and steering wheel
Electric power-assisted steering	Award-winning Ford EcoBoost engine
Thatcham Category 1 security system	Emergency Brake Assist

Specifications

Dealer's Contact Details

3. Compare

a) Description

This webpage allows users to make comparison between car/motor products provided in the website. Users need to choose which type of product they wish to compare (car/motor) and then it will open another page called “Compare – car/motor” for them to compare products.

b) Screenshot

aw
auto world

We'll make you a great deal today.

590 CMT8 Street District 3
Ho Chi Minh City
(028) 3 846 0846

Home Product Compare Finance Support Warranty Scheme Contact Us

Compare

Think twice before you buy

CAR comparison

Click here to compare

MOTOR comparison

Click here to compare

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HOME - PRODUCT - COMPARE
FINANCE SUPPORT - WARRANTY SCHEME - CONTACT US

590 CMT8 STREET DISTRICT 3
HO CHI MINH, VIET NAM

(028) 3 846 0846

AUTOWORLD@GMAIL.COM

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❖ Compare – Car page

a) Description

This webpage allows users to make comparison between car products provided in the website. In order to compare products, use need to read the instructions first.




b) Screenshot**Instructions:**

1. Select at least 2 car models you wish to compare.
2. Click the compare button.
3. If you want to compare other products, click reset.

Return to Main Page

Reset

Compare

MODELS	 Ford Fiesta	 Ford Focus	 Honda Accord
PRICE	\$13,660	\$17,860	\$23,570
DOORS	5	5	4
POWER	120 hp/3600 rpm	250 hp/5500 rpm	201 hp/7000 rpm

❖ Compare – Motor page

a) Description

This webpage allows users to make comparison between motor products provided in the website. In order to compare products, use need to read the instructions first.




b) Screenshot**Instructions:**

1. Select at least 2 motor models you wish to compare.
2. Click the compare button.
3. If you want to compare other products, click reset.

Return to Main Page

Reset

Compare

MODELS	 Yamaha BOLT	 Yamaha MT-10	 Yamaha R6
PRICE	\$8,399	\$12,999	\$12,199
FRAME TYPE	Double cradle	Aluminium Deltabox	Aluminium Deltabox
ENGINE TYPE	Air-cooled, 4-stroke, SOHC, 4-valve, V-twin	Liquid-cooled, 4-stroke, DOHC, 4-valve	Liquid-cooled, 4-stroke, DOHC, 4-valve, forward-inclined parallel 4-cylinder

4. Finance Support

a) Description

This webpage displays a list of banks/organizations that offer auto loan along with basic information such as (maximum loan allocation, interest rate and repayment terms) and provide links their websites to apply for refinance. Users need to click on the link embedded for each bank to see its detailed information.

b) Screenshot

aw
auto world

We'll make you a great deal today.

590 CMT8 Street District 3
Ho Chi Minh City
(028) 3 846 0846

Home Product Compare Finance Support Warranty Scheme Contact Us

Finance Support

Driving a better deal with a loan

Bank of America
Click here for more info

NEFCU
Click here for more info

Capital One
Click here for more info

LIGHTSTREAM
A DIVISION OF SUNTRUST BANK
Click here for more info

PENFED CREDIT UNION
Click here for more info

NAVY FEDERAL CREDIT UNION
Click here for more info

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5. Warranty scheme

1. Description

This webpage allows users to download warranty schemes according to car/motor brand. In order to download the warranty schemes for each brand, users need to click on the provided links.

2. Screenshot

aw auto world

We 'll make you a great deal today.

590 CMT8 Street District 3
Ho Chi Minh City
(028) 3 846 0846

Product Compare Finance Support Warranty Scheme Contact Us

Warranty Scheme

We guarantee the best maintenance service

For **FORD** car brands
[Click here to download](#)

For **TOYOTA** car brands
[Click here to download](#)

For **HONDA** car brands
[Click here to download](#)

For **KIA** car brands
[Click here to download](#)

For **YAMAHA** motor brands
[Click here to download](#)

SPONSORED BY

HONDA TOYOTA Ford YAMAHA KIA

HOME - PRODUCT - COMPARE
FINANCE SUPPORT - WARRANTY SCHEME - CONTACT US

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590 CMT8 STREET DISTRICT 3
HO CHI MINH, VIET NAM
(028) 3 846 0846
AUTOWORLD@GMAIL.COM

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6. Contact Us

a) Description

This webpage allows users to request information they inquire to Autoworld and displays the geolocation of Autoworld.

b) Screenshot

Header:

- Logo:
- Slogan: We 'll make you a great deal today.
- Contact: 590 CMT8 Street District 3, Ho Chi Minh City, (028) 3 846 0846

Navigation: Home, Product, Compare, Finance Support, Warranty Scheme, Contact Us

Contact Form:

Name:

Email:

Phone:

Request Info:

Submit Clear

Find Us:

590 Cách Mạng Tháng 8

Footer:

SPONSORED BY

HONDA TOYOTA FORD YAMAHA KIA

HOME - PRODUCT - COMPARE
FINANCE SUPPORT - WARRANTY SCHEME - CONTACT US

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HO CHI MINH, VIET NAM

(028) 3 846 0846

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JAVASCRIPT DESCRIPTION

This chapter will provide information about JavaScript function integrated in the website

1. Slideshow function

a) Description

This script is used for creating the slideshow gallery for the Home page. It is implemented with the support of the JQuery library.

b) Screenshot

```
<script>
// Slideshow function
$(document).ready(function () {
    $('.slider')._TMS({
        show: 0,
        pauseOnHover: true,
        prevBu: '.prev',
        nextBu: '.next',
        playBu: false,
        duration: 500,
        preset: 'fade',
        pagination: true, //'.pagination',true,'<ul></ul>'
        pagNums: false,
        slideshow: 8000,
        numStatus: false,
        banners: 'fromBottom', // fromLeft, fromRight, fromTop, fromBottom
        waitBannerAnimation: false,
        progressBar: false
    })
})

$(function () {
    if ($(window).width() <= 1066) {
        $("#slider .prev").css("left", "55px")
        $("#slider .next").css("right", "55px")
    }
})
</script>
```

2. Fancybox function

a) Description

This script is used for creating detailed information pages for each product. It is implemented with the support the JQuery library and JQuery Fancybox library.

b) Screenshot

```
// Fancybox function
$('[data-fancybox]').fancybox({
    toolbar: false,
    smallBtn: true,
    iframe: {
        preload: false
    }
});
```

3. Zoom picture function

a) Description

This script is used for zooming pictures of product in detailed information pages. It is implemented with the support the JQuery library and elevateZoom library.

b) Screenshot

```
// Zoom picture function
$("#main-image").elevateZoom({
    zoomType: "inner",
    cursor: "crosshair",
    zoomWindowFadeIn: 500,
    zoomWindowFadeOut: 750
});
```

TASK SHEET REVIEW 3

Project Ref. No.:		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Home page	Autoworld	Loc	20/10/17	1	Loc	Completed
2	Product			22/10/17	2	Hieu	Completed
3	Compare			22/10/17	2	Thuan	Completed
4	Finance Support			20/10/17	1	Loc	Completed
5	Warranty Scheme			20/10/17	1	Loc	Completed
6	Contact Us			20/10/17	1	Hieu	Completed
7	JavaScript Description			23/10/17	1	Loc	Completed
8	User Guide			25/10/17	1	Loc	Completed

Date:	
Signature of Instructor: Ms. Le Mong Thuy	Signature of Team Leader: Nguyen Dinh Loc