

**Centre Name: ACE-HCMC-2-FPT.**

**Address: 590 Cach Mang Thang 8, District 3, Ho Chi Minh City, Viet Nam.**

# Liberty Electronics

<b>Supervisor:</b>	Ms. Le Mong Thuy	
<b>Semester:</b>	1	
<b>Batch No:</b>	T1.1910.M1	
<b>Group No:</b>	6	
<b>Order:</b>	<b>Full name</b>	<b>Roll No.</b>
1.	NGUYEN THIEN Y	Student1233864
2.	LUU HOANG HAI	Student1233867

Month: 12 Year: 2019

**This is to certify that**

**Mr.** Nguyen Thien Y

**Mr.** Luu Hoang Hai

**Have successfully designed & developed:**

eProject: Liberty Electronics website

**Submitted by:**

Ms. Le Mong Thuy

**Date of issue:** December 7<sup>th</sup> 2019

**Authorized Signature:**

	<b><i>Prepared by (Student)</i></b>	<b><i>Approved by (Faculty)</i></b>
	<b><i>Project Group No: 06</i></b>	<b><i>LE MONG THUY</i></b>
<b><i>Signature</i></b>		
<b><i>Date</i></b>		

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<b>Date</b>		

## A. DEFINITION OF THE PROBLEM

- In today's modern society, buying and owning electronic items quickly and conveniently is essential. For those who do not have a lot of time to go to the shop and choose from a variety of products is not possible. So creating an ecommerce site will make it easier for people to see what they want to buy without having to go directly to the shop.
- Liberty Electronics is a shop selling various electronic products. The company advertises by distributing the pamphlets, advertising on television and so on. Due to rapid development in internet field, the company decides to launch a website where people will get all the information about the various products available with them easily.
- 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. CUSTOMER REQUIREMENTS SPECIFICATIONS

- The Home Page should be created making use of sections with a suitable logo .
- The site should display a menu which will contain the options for brief introduction about the various products available, location of the shop and any other information if required.
- The information should be categorized according to the brand names of the products.
- When a user selects any particular brand, a list of products for that brand will be displayed.
- A brief summary of features of individual products should be displayed on the Web Page along with the product but detailed Features should be stored in Individual Word documents which can be downloaded or viewed by the User who wishes to see the same.
- The user should also be able to compare the various products of different as well as similar brands.
- “Contact Us” page will have the Address of the Company which is as follows and the mail address which when clicked will invoke the local mail client from where they can send an email. Address of the Company should be displayed using GeoLocation API (eg. GoogleMaps).

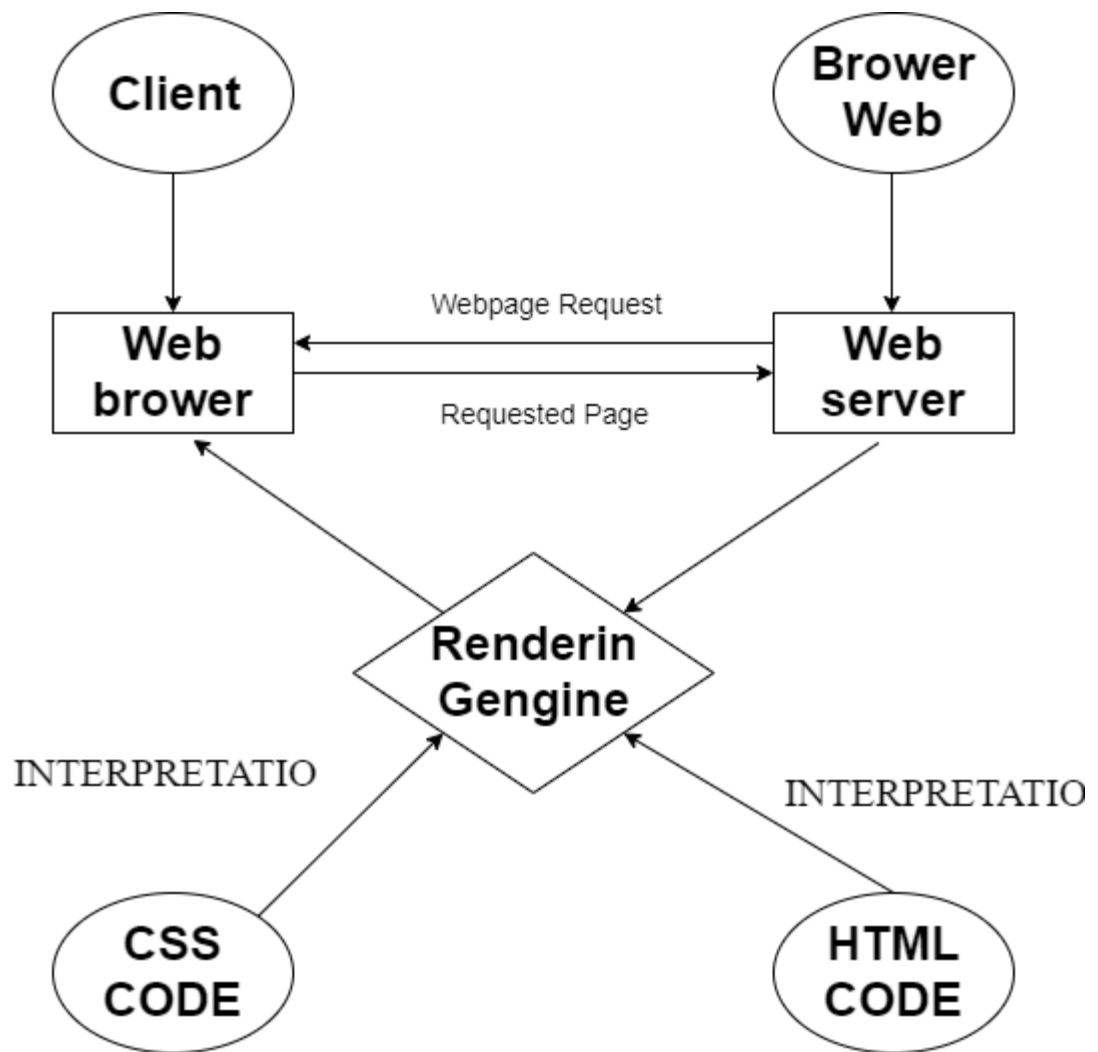
<b>CUSTOMER</b>		<b>ADMINISTRATORS</b>
<b>Import:</b> <ul style="list-style-type: none"><li>• Product Information</li><li>• Select a comparison product</li></ul> <b>Handling:</b> <ul style="list-style-type: none"><li>• Find product information</li><li>• Find the manufacturer</li><li>• Check out the product you choose for comparison</li></ul> <b>Export</b> <ul style="list-style-type: none"><li>• Message not found</li><li>• Information about customers' products</li><li>• Select product comparison information</li></ul>	<b>Or</b>	<b>Import</b> <ul style="list-style-type: none"><li>• Product information add / edit / delete</li><li>• News article</li></ul> <b>Handling</b> <ul style="list-style-type: none"><li>• Add / Edit / Delete product</li></ul> <b>Export</b> <ul style="list-style-type: none"><li>• New product notification failed</li></ul>

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<b><i>Hardware:</i></b> <ul style="list-style-type: none"> <li>• Pentium 4, 1.8Ghz or better.</li> <li>• 512 MB of RAM.</li> <li>• 300MB of HD capacities available.</li> </ul> <b><i>Client</i></b> <ul style="list-style-type: none"> <li>• Pentium III, 500 Mhz</li> <li>• 256 MB of RAM or better</li> </ul>	<b><i>Software:</i></b> <b><i>Server:</i></b> <ul style="list-style-type: none"> <li>• OS with Windows XP SP2 or better</li> <li>• IE: 5.0/ Chrome/Firefox</li> <li>• Dreamweaver MX 2004</li> </ul> <b><i>Client:</i></b> <ul style="list-style-type: none"> <li>• IE5.0/Chrome/Firefox</li> <li>• Flash player 8</li> </ul>
--	--

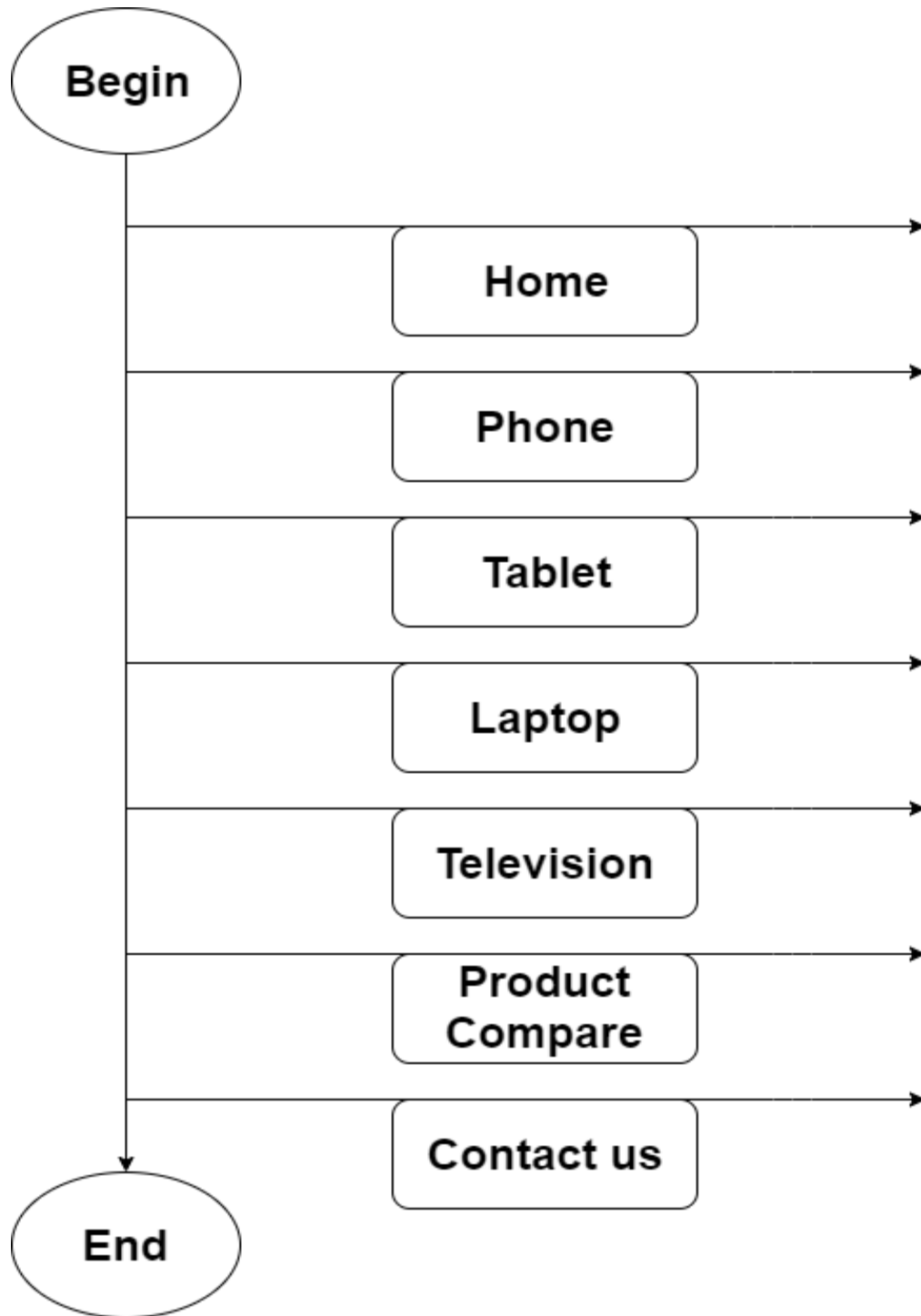
	<b><i>Prepared by (Student)</i></b>	<b><i>Approved by (Faculty)</i></b>
	<b><i>Project Group No: 06</i></b>	<b><i>LE MONG THUY</i></b>
<b><i>Signature</i></b>		
<b><i>Date</i></b>		

### C. ARCHITECTURE AND DESIGN OF THE SYSTEM



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<b>Signature</b>		
<b>Date</b>		

D.      **DIAGRAM OF THE WEBSITE**



	<b><i>Prepared by (Student)</i></b>	<b><i>Approved by (Faculty)</i></b>
	<b><i>Project Group No: 06</i></b>	<b><i>LE MONG THUY</i></b>
<b><i>Signature</i></b>		
<b><i>Date</i></b>		

## TASK SHEET REVIEW 1

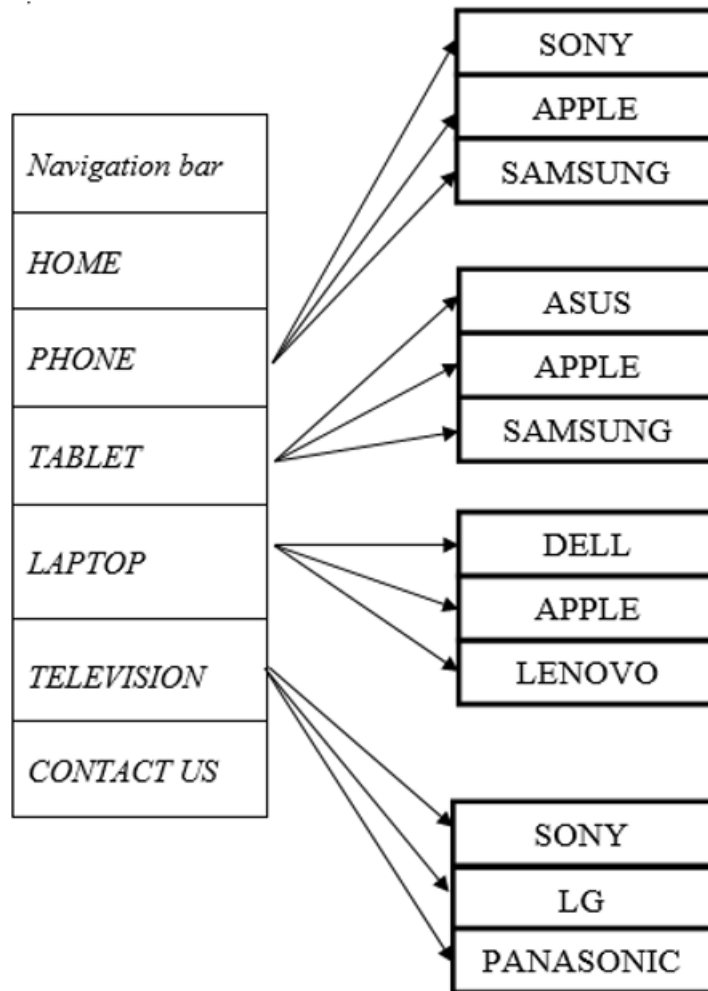
Project Ref. No.:  eP/Advertisement Portal Management System/01		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Problem Identifications	Liberty Electronics	Nguyen Thien y	12/10/19	1	Y	Completed
2	Customer requirements specifications			12/10/19	1	Hai	Completed
3	Architecture and design of the system			12/12/19	1	Hai	Completed
4	Diagram of the website			12/12/19	1	Y	Completed
5	Task Sheet			12/12/19	1	Y	Completed

Date:	
Signature of Instructor:  Ms. Le Mong Thuy	Signature of Team Leader:  Nguyen Thien Y

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 06</b>	<b>LE MONG THUY</b>
<b>Signature</b>		
<b>Date</b>		



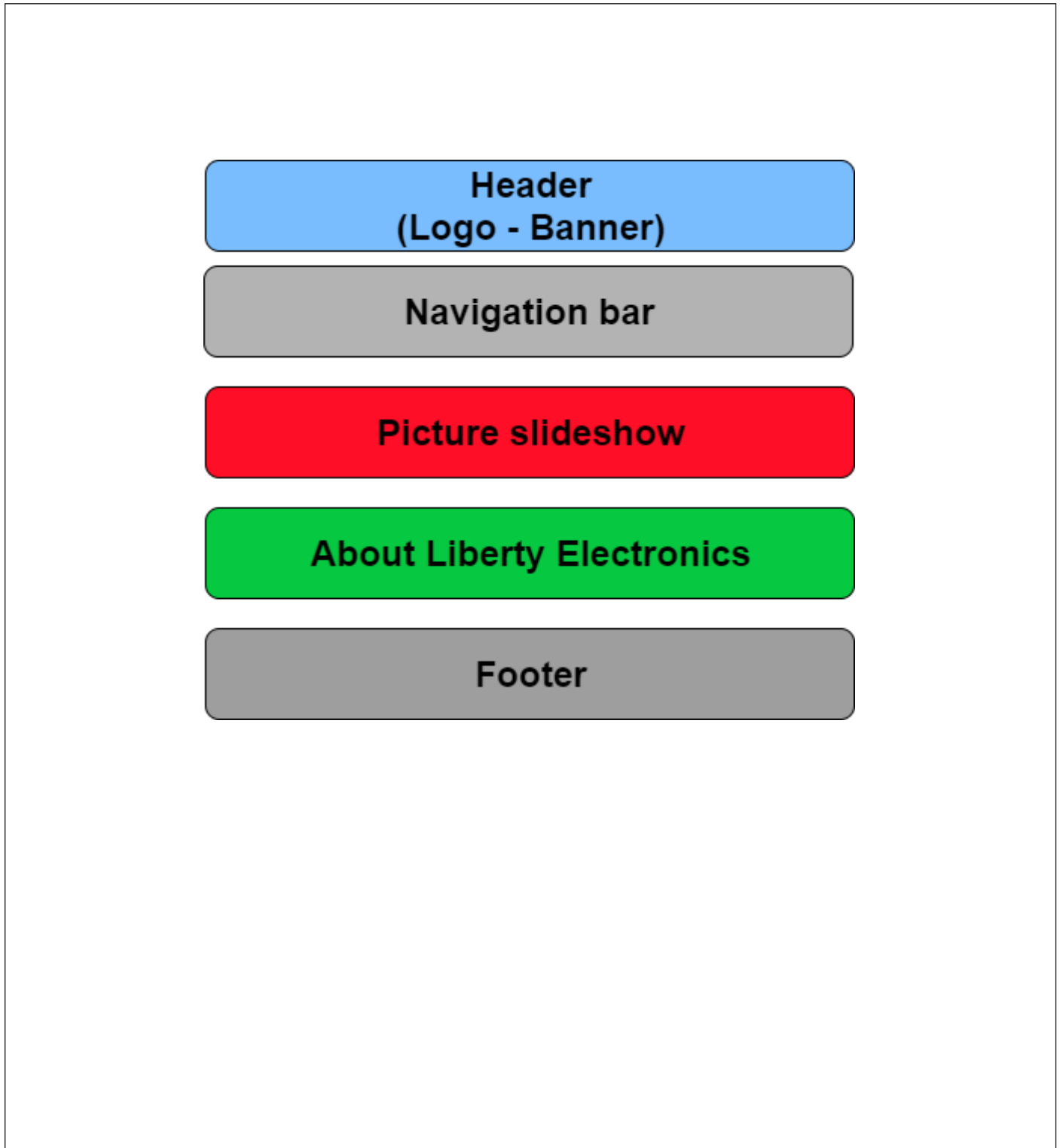
## E. SITEMAP



	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 06</b>	<b>LE MONG THUY</b>
<b>Signature</b>		
<b>Date</b>		

## F. MOCK OF THE WEBSITE

### 1. HOME PAGE.



	<b><i>Prepared by (Student)</i></b>	<b><i>Approved by (Faculty)</i></b>
	<b><i>Project Group No: 06</i></b>	<b><i>LE MONG THUY</i></b>
<b><i>Signature</i></b>		
<b><i>Date</i></b>		

## 2. PHONE APPLE/SAMSUNG/SONY

**Header**  
**(Logo - Banner)**

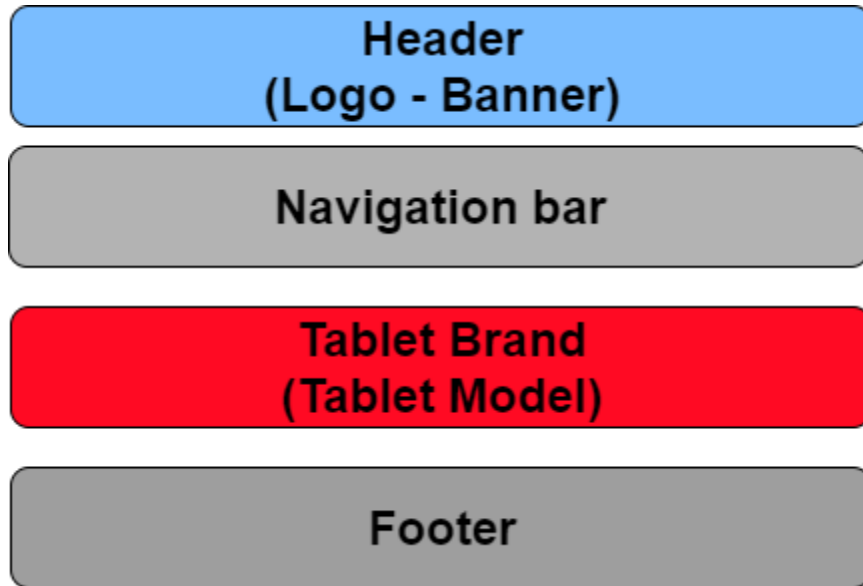
**Navigation bar**

**Phone Brand**  
**(Phone Model)**

**Footer**

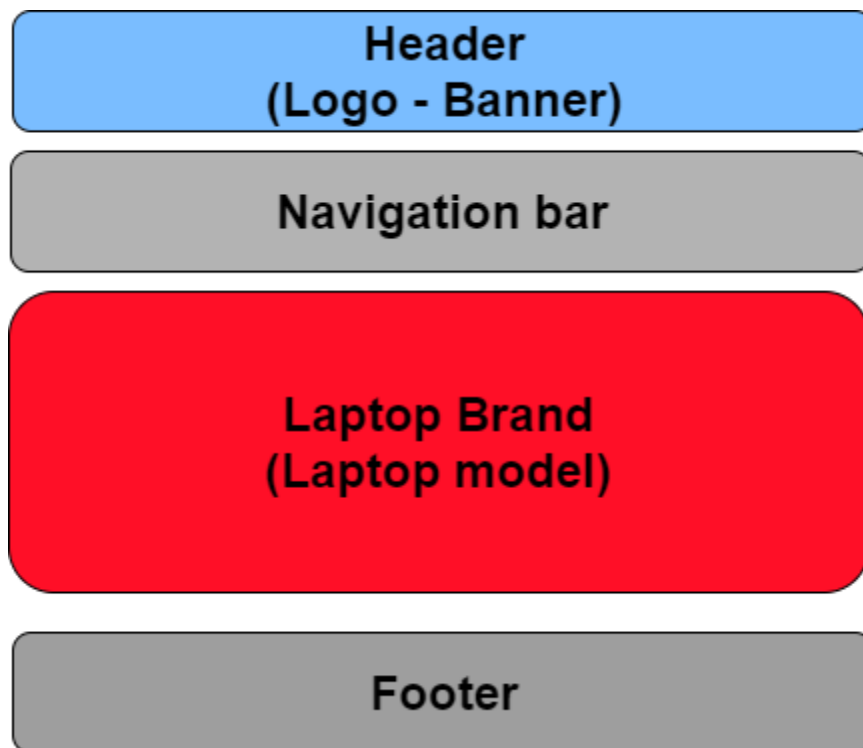
	<b><i>Prepared by (Student)</i></b>	<b><i>Approved by (Faculty)</i></b>
	<b><i>Project Group No: 06</i></b>	<b><i>LE MONG THUY</i></b>
<b><i>Signature</i></b>		
<b><i>Date</i></b>		

### 3. TABLET ASUS/APPLE/SAMSUNG



	<b><i>Prepared by (Student)</i></b>	<b><i>Approved by (Faculty)</i></b>
	<b><i>Project Group No: 06</i></b>	<b><i>LE MONG THUY</i></b>
<b><i>Signature</i></b>		
<b><i>Date</i></b>		

#### 4. LAPTOP DELL/APPLE/LENOVO



	<b><i>Prepared by (Student)</i></b>	<b><i>Approved by (Faculty)</i></b>
	<b><i>Project Group No: 06</i></b>	<b><i>LE MONG THUY</i></b>
<b><i>Signature</i></b>		
<b><i>Date</i></b>		

## 5. TELEVISION LG/SONY/PANASONIC

**Header  
(Logo - Banner)**

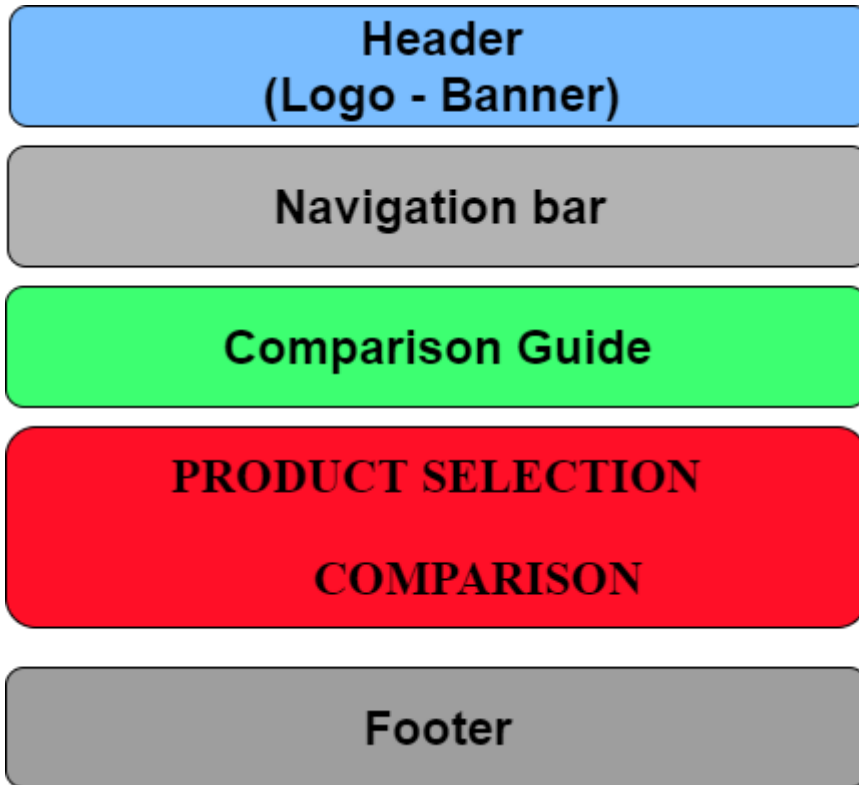
**Navigation bar**

**TV Brand  
(TV Model)**

**Footer**

	<b><i>Prepared by (Student)</i></b>	<b><i>Approved by (Faculty)</i></b>
	<b><i>Project Group No: 06</i></b>	<b><i>LE MONG THUY</i></b>
<b><i>Signature</i></b>		
<b><i>Date</i></b>		

## 6. PRODUCT COMPARE



	<i>Prepared by (Student)</i> <i>Project Group No: 06</i>	<i>Approved by (Faculty)</i> <i>LE MONG THUY</i>
<i>Signature</i>		
<i>Date</i>		

	<b><i>Prepared by (Student)</i></b>	<b><i>Approved by (Faculty)</i></b>
	<b><i>Project Group No: 06</i></b>	<b><i>LE MONG THUY</i></b>
<b><i>Signature</i></b>		
<b><i>Date</i></b>		



## 7. CONTACT US

**Header  
(Logo - Banner)**

**Navigation bar**

**Contact form**

**Maps**

**Our Team**

**Footer**

	<b><i>Prepared by (Student)</i></b>	<b><i>Approved by (Faculty)</i></b>
	<b><i>Project Group No: 06</i></b>	<b><i>LE MONG THUY</i></b>
<b><i>Signature</i></b>		
<b><i>Date</i></b>		

## 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	Liberty Electronics	Nguyen Thien Y	12/14/19	1	Y	Completed
2	Mock of website			12/14/19	1	Hai	Completed
3	Task sheet			12/14/19	1	Y	Completed

<b>Date:</b>	
Signature of Instructor:       <b>Ms. Le Mong Thuy</b>	Signature of Team Leader:       <b>Nguyen Thien Y</b>

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 06</b>	<b>LE MONG THUY</b>
<b>Signature</b>		
<b>Date</b>		

G. WEBSITE DESCRIPTION

1.HOME

a) Description

This webpage section displays following informations: Liberty Electronics , logo, navigation bar, slide show, about us

b) Screenshot



Signature
Date

ty)



## Navigation bar

### Description

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

## 2. PHONE

### a) Description

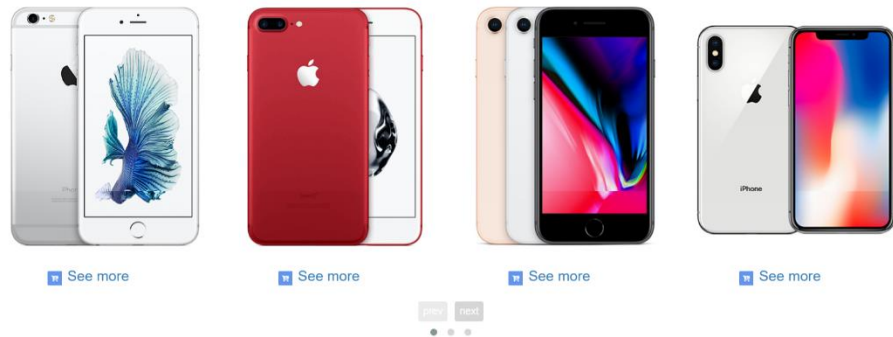
This webpage section displays kinds of products from different phone brands. If users want to see the details of a particular product, they will click the “SEE MORE” button will open to show the information of the chosen product.

	<b><i>Prepared by (Student)</i></b>	<b><i>Approved by (Faculty)</i></b>
	<b><i>Project Group No: 06</i></b>	<b><i>LE MONG THUY</i></b>
<b><i>Signature</i></b>		
<b><i>Date</i></b>		

b) Screenshot



Apple



SamSung



Sony



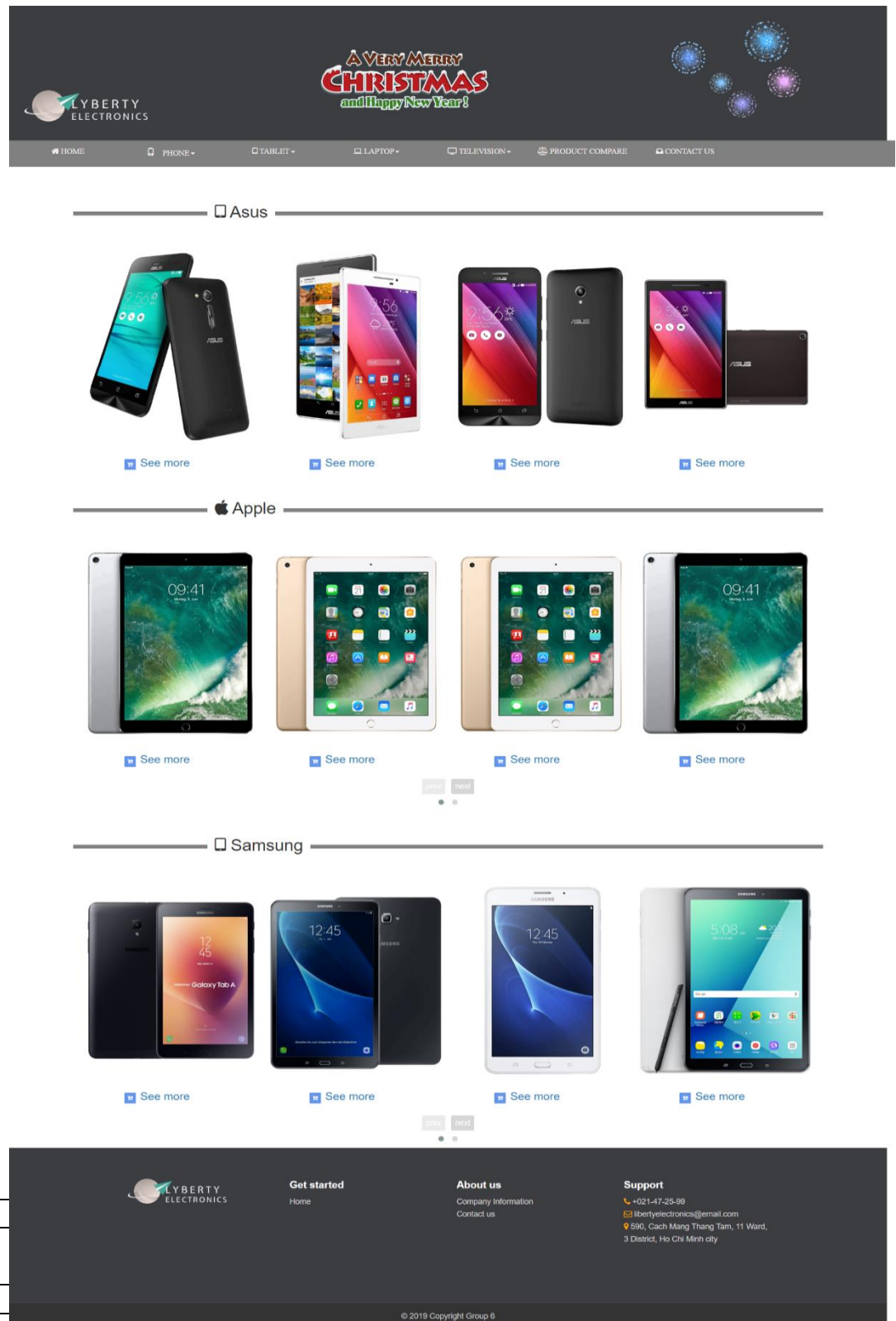
<b>Signature</b>
<b>Date</b>

### 3. TABLET

#### 1. Description

This webpage section displays kinds of products from different tablet brands. If users want to see the details of a particular product, they will click the “SEE MORE” button will open to show the information of the chosen product.

#### 2. Screenshot



**Signature**

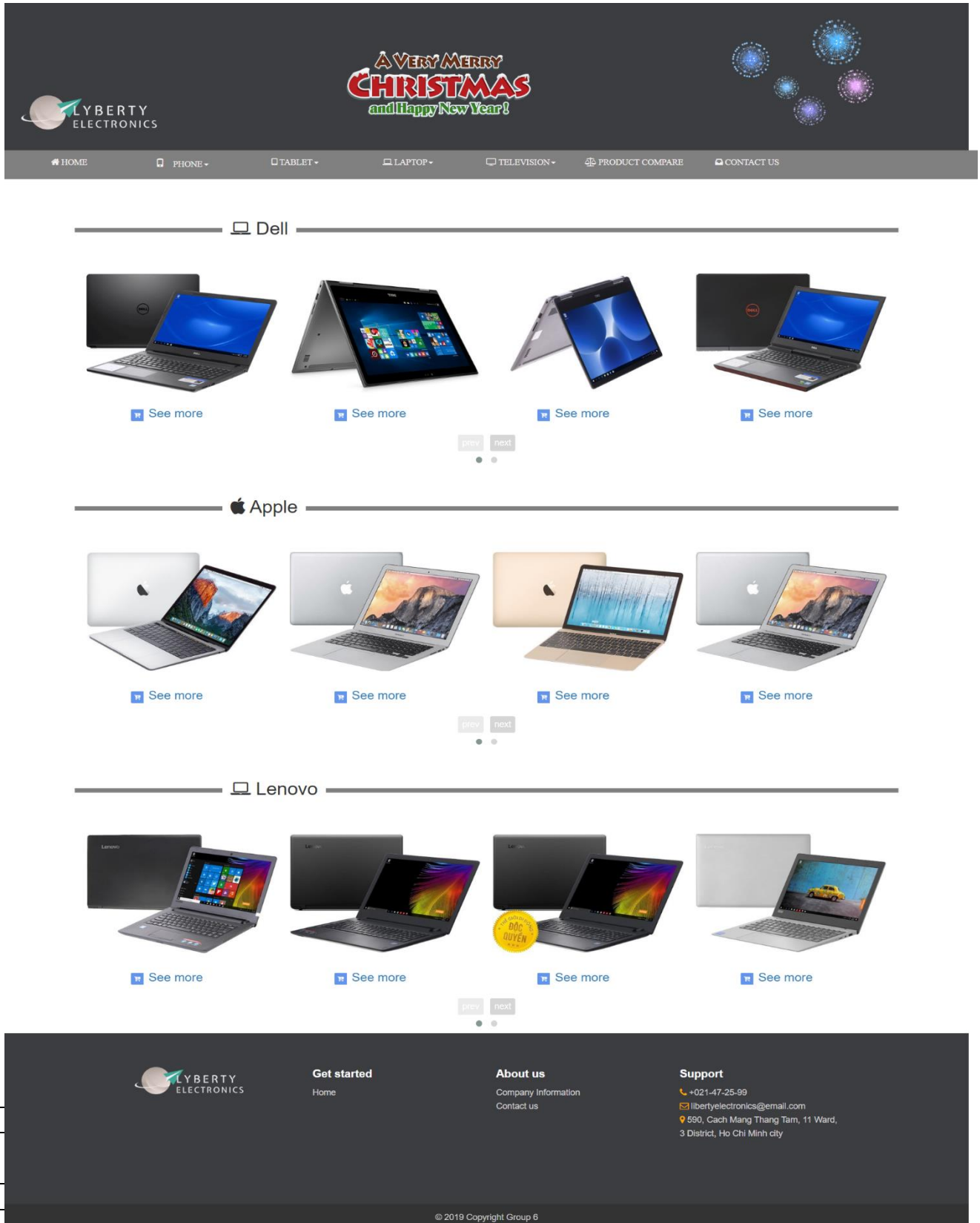
**Date**

## 4. LAPTOP

### 1. Description

This webpage section displays kinds of products from different laptop brands. If users want to see the details of a particular product, they will click the “SEE MORE” button will open to show the information of the chosen product.

### 2. Screenshot



Signature

Date

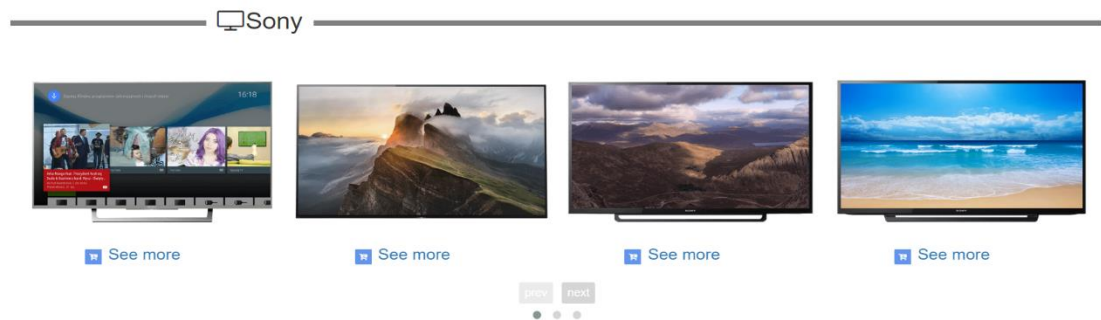
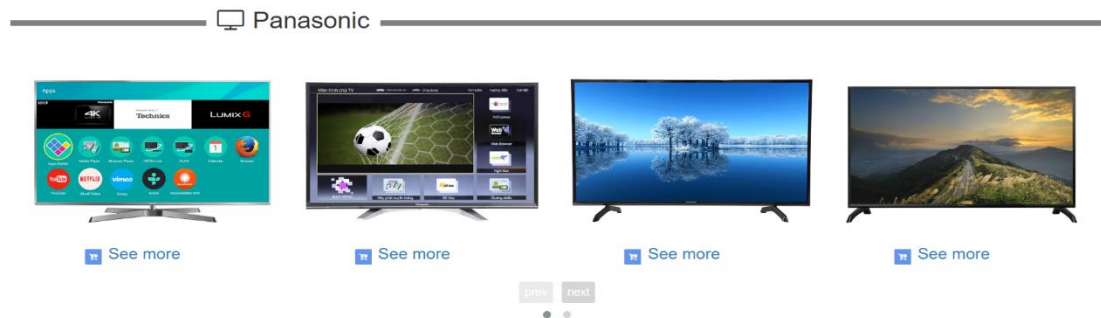
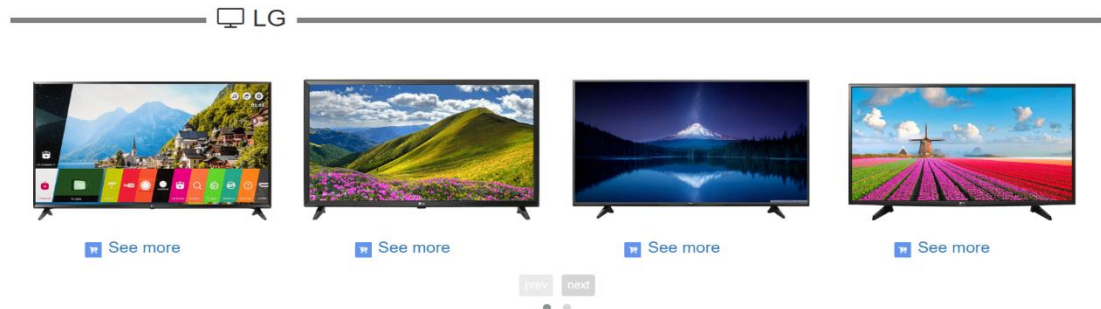


## 5. TELEVISION

### 1. Description

This webpage section displays kinds of products from different TV's brands. If users want to see the details of a particular product, they will click the "SEE MORE" button will open to show the information of the chosen product.

### 2. Screenshot



<b>Signature</b>
<b>Date</b>

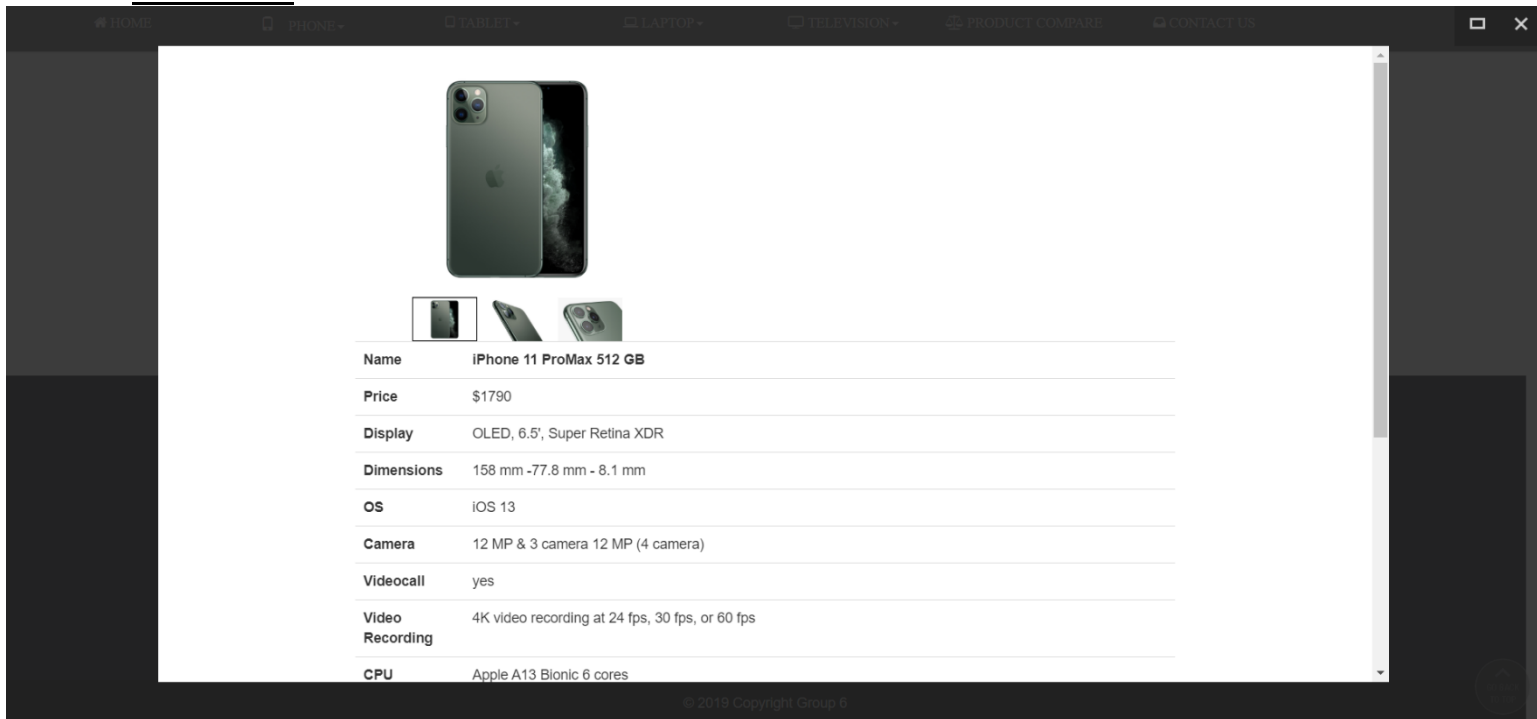


## Example of a detailed information page

### Description :

This webpage displays detailed information appliance models from different brands, including pictures and specifications.

### Screenshot



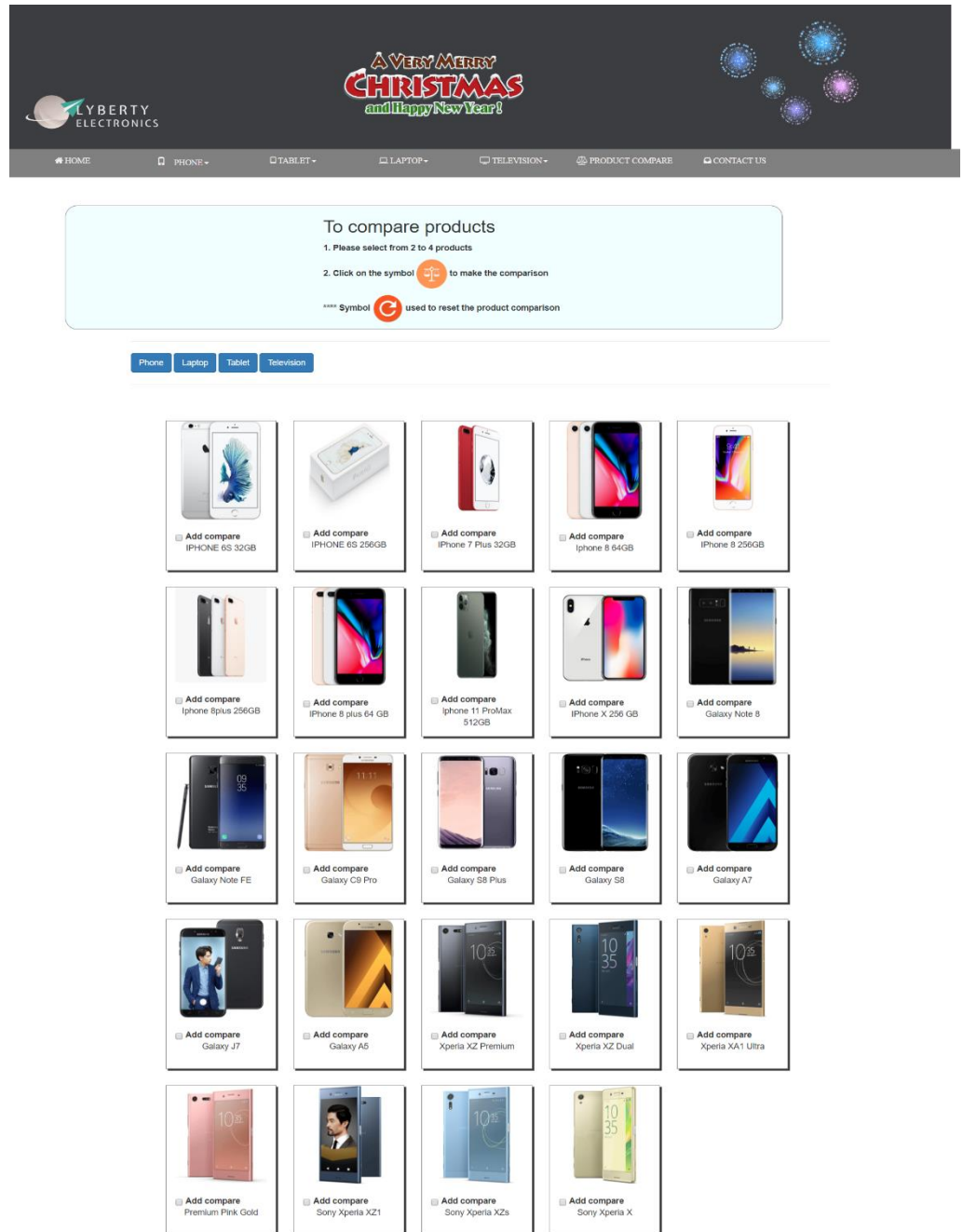
	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 06</b>	<b>LE MONG THUY</b>
<b>Signature</b>		
<b>Date</b>		

## 6. PRODUCT COMPARE

### a. Description

This webpage section allows users to make comparison between two or more products in the website. Then the website will display detailed information of the products to compare.

### b. Screenshot



<b>Signature</b>	
<b>Date</b>	

## ❖ Example of a comparison page

### ❖ Description

This webpage displays all product of each kind of appliance, user can compare product by choosing products which they want to compare and click compare button. User must chose at least 2 product in other to compare.

### ❖ Screenshot



**To compare products**

1. Please select from 2 to 4 products
2. Click on the symbol to make the comparison

\*\*\*\* Symbol used to reset the product comparison

[Phone](#)
[Laptop](#)
[Tablet](#)
[Television](#)

The number of products you are comparing is: 2 products

Image		
Name	iPhone 8 plus 64 GB	iPhone 11 ProMax 512GB
Price	\$989	\$1790
Display	LED-backlit IPS LCD, 5.5, Retina HD	OLED, 6.5", Super Retina XDR
Dimensions	158 X 78 X 7.5	158 X 77.8 X 8.1
OS	11	iOS 13
Camera	7 MP & 12 MP (2camera)	12 MP & 3 camera 12 MP (4 camera)
Videocall	yes	yes
Video Recording	4K video recording at 30 fps	4K video recording at 24 fps, 30 fps, or 60 fps
CPU	Apple A11 Bionic	Apple A13 Bionic
RAM	3 g	4 GB
Memmmory	64 GB	512 GB
Sim Card	1 Nano SIM	1 eSIM & 1 Nano SIM
Wifi	Wi-Fi 802.11 a/b/g/n/ac, Dual-band, DLNA, Wi-Fi Direct, Wi-Fi hotspot	Dual-band, Wi-Fi 802.11 a/b/g/n/ac/ax, Wi-Fi hotspot
Audio and Video	MP4, AVI, WMV, H.263, H.264(MPEG4-AVC), DivX, MP3, WAV, WMA	MP4, AVI, WMV, H.263, H.264(MPEG4-AVC), DivX, MP3, WAV, WMA
Accessibility	VoiceOver, Zoom, Magnifier, Software TTY, Switch Control, Type to Siri, Siri and Dictation, Closed Captions, AssistiveTouch, Speak Screen	VoiceOver, Zoom, Magnifier, Software TTY, Switch Control, Type to Siri, Siri and Dictation, Closed Captions, AssistiveTouch, Speak Screen
Headphones Jack	3.5 mm	3.5 mm
Battery	2750 mAh	3969 mAh



#### Get started

[Home](#)

#### About us

[Company Information](#)  
[Contact us](#)

#### Support

+021-47-25-99  
 libertyelectronics@email.com  
 590, Cach Mang Thang Tam, 11 Ward,  
 3 District, Ho Chi Minh city

Sign

Date



## 7. CONTACT US

- Description

This webpage section allows users to request information they inquire to Liberty Electronics and displays the geolocation, address of company and our team.

- Screenshot



You can contact with us by click [Email](#) or send your feedback by form:

First Name

Last Name

Phone

Gender ☐ Male ☐ Female

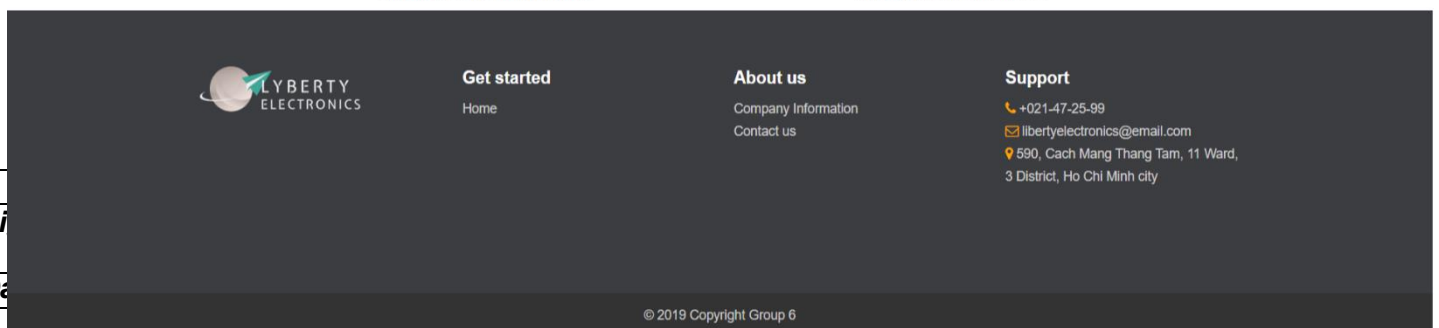
Fill your feedback here!



Luu Hoang Hai  
Student ID: Student1233867  
Email: luuhoaghai@gmail.com  
Click [this](#) to send email to Hoang Hai



NGUYEN THIEN Y  
Student ID: Student1233864  
Email: bluecat0901@gmail.com  
Click [this](#) to send email to Thien Y

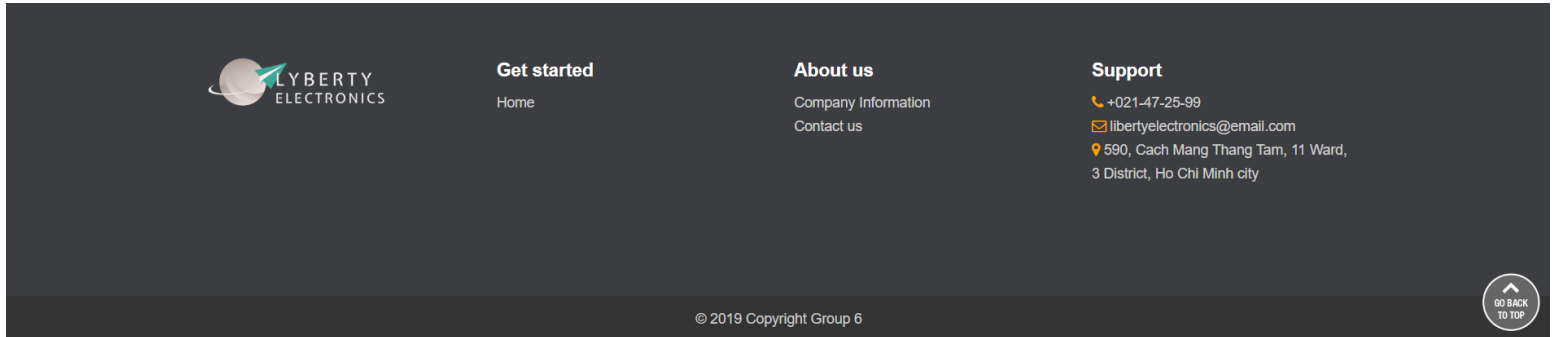


## 8. FOOTER

### a) Description

This area displays information about: logo, about us, contact us, support.

### b) Screenshot



	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 06</b>	<b>LE MONG THUY</b>
<b>Signature</b>		
<b>Date</b>		

## CHECKLIST OF VALIDATIONS

Option	Validated
Do all text links lead to the appropriate Web sites?	Yes
Do all the image links lead to the appropriate Web sites?	Yes
Are all the images and links clearly visible on the page?	Yes
Is the Web page opening property in on the tested Web browsers?	Yes
Is the navigation sequence correct through all the Web pages on the site?	Yes
Is the Javascript code working as expected in all click events?	Yes

## SUBMISSION CHECKLIST

Sr.No.	Particulars	Yes	No	NA	Comments
1	Are all the users able to view the images and links?	Yes			

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2	Have all the views, modules, and controllers been property integrated and is the site functional as a Single Page Application?	Yes			We apply this on page “product comparate”
3	Are the GUI contents devoid of spelling mistakes?	Yes			
4	Is the application user-friendly?	Yes			
5	Is the Web site launching correctly in the browser?	Yes			

### TASK SHEET REVIEW 3

Project Ref. No.:  eP/Advertisement Portal Management System/01		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
No	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Home	Liberty Electronics	Nguyen Thien Y	12/17/19	2	Hai	Completed
2	Phone			12/17/19	2	Hai	Completed
3	Tablet			12/17/19	2	Y	Completed
4	Laptop			12/17/19	3	Hai	Completed
5	Television			12/17/19	2	Y	Completed
6	Products Compare			12/18/19	2	Hai	Completed
7	About Us			12/18/19	2	Y	Completed
8	Contact Us			12/18/19	2	Hai	Completed
9	Footer			12/18/19	2	Hai	Completed
10	Checklist of validations			12/18/19	1	Y	Completed

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 06</b>	<b>LE MONG THUY</b>
<b>Signature</b>		
<b>Date</b>		





	<b><i>Prepared by (Student)</i></b>	<b><i>Approved by (Faculty)</i></b>
	<b><i>Project Group No: 06</i></b>	<b><i>LE MONG THUY</i></b>
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