FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

Liberty Electronics

Supervisor: *LÊ THANH NHÂN*

Semester: *1*

Batch No: *T1.2008.A2*

Group No: *5*

Order:	**Full name**	**Roll No.**
1.	*Phạm Ngọc Thiện*	*Student1270702*
2.	*Văn Khánh Phát*	*Student1275262*
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***Month**: November **Year**: 2020*

This is to certify that

Mr. **Phạm Ngọc Thiện**

Mr. **Văn Khánh Phát**

Mr. **Huỳnh Nhật Tiến**

Have successfully Designed & Developed

Liberty Electronics

Submitted by:

Mr. LE THANH NHAN

Date of Issue:

Authorized Signature:

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Project Acknowledge

As we understand that the eProject is a step-by- step learning environment that closely simulates the classroom and Lab based learning environment into actual implementation. It is a project implementation at your fingertips!! An electronic, live juncture on the machine that allows you to:

- Practice step by step i.e. laddered approach.
- Build a larger more robust application.
- Usage of certain utilities in applications designed by user.
- Single program to unified code leading to a complete application.
- Learn implementation of concepts in a phased manner.
- Enhance skills and add value.
- Work on real life projects.
- Give a real life scenario and help to create applications more complicated and useful.
- Mentoring through email support.

Project Objectives

The Objective of this program we aim is to give a sample project to work on real life projects. These applications help us build a larger more robust application.

The objective is not to teach us JavaScript/Dreamweaver but to provide us with a real life scenario and help us create basic applications using the tools. Hence, we can revise the chapters before we start with the project. This project is meant for students like us who have completed the module of HTML5. These programs should be done in the Lab sessions with assistance of the faculty if required.

It is very essential for us that will have a clear understanding of the subject. We think we should go through the project and solve the assignments as per requirements given.

And get back @ eprojects@aptech.ac.in as the assigned schedule.

Synposis

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

Problem Definition

As mentioned above, Liberty Electronics is a shop which sells various electronic products. Wanted to expand its name, the shop decided to make a website to contain and show all the latest information of their products to their customers 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.

Requirement Specification:

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

1. The Home Page should be created making use of sections with a suitable logo
2. 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.
3. The information should be categorized according to the brand names of the products like if a User wants to see only Samsung products then he click on a Link/button/menu etc and he will see only That Brand products.
4. When a user selects any particular brand, a list of products for that brand will be displayed
5. 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.
6. The user should also be able to compare the various products of different as well as similar brands.

7. There should be a “Contact Us” page which 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).

USER

- Register an account for membership which includes discounts, etc (optional)
- Access and refer to the information placed on the website.
- Contribute ideas, feedback or suggestions to the club.

WEBMASTER

- Make sure the website has enough information for the customers.
- Change the content, images and layout of the website.
- Manage interactive user information to website.

USER

Input:

- Required information for registering an account
- Required information for delivery

Process:

- Search/refer products
- Log in to check delivery status, events, etc in registered account
- Check/edit the information provided to the shop

Output: (users will receive the following notifications)

- Successful registration notice
- Notice of successful information change
- Notification of the delivery status
- Notice of registration / change of information failed

WEBMASTER

Input:

- Login information to administer the website
- Information to change / add or delete: Updates on price changes, news of new products, articles that change seasonally...
- Deletion of membership information that is no longer part of the club
- Get feedback and reviews from user

Process:

- Change / add / remove products
- Change / add / remove delivery status, events, etc
- Reply / delete comments from users

Output: (the website manager will place the following message)

- Successful registration / change / deletion of member account information or failure.
- Respond to success / failure suggestions

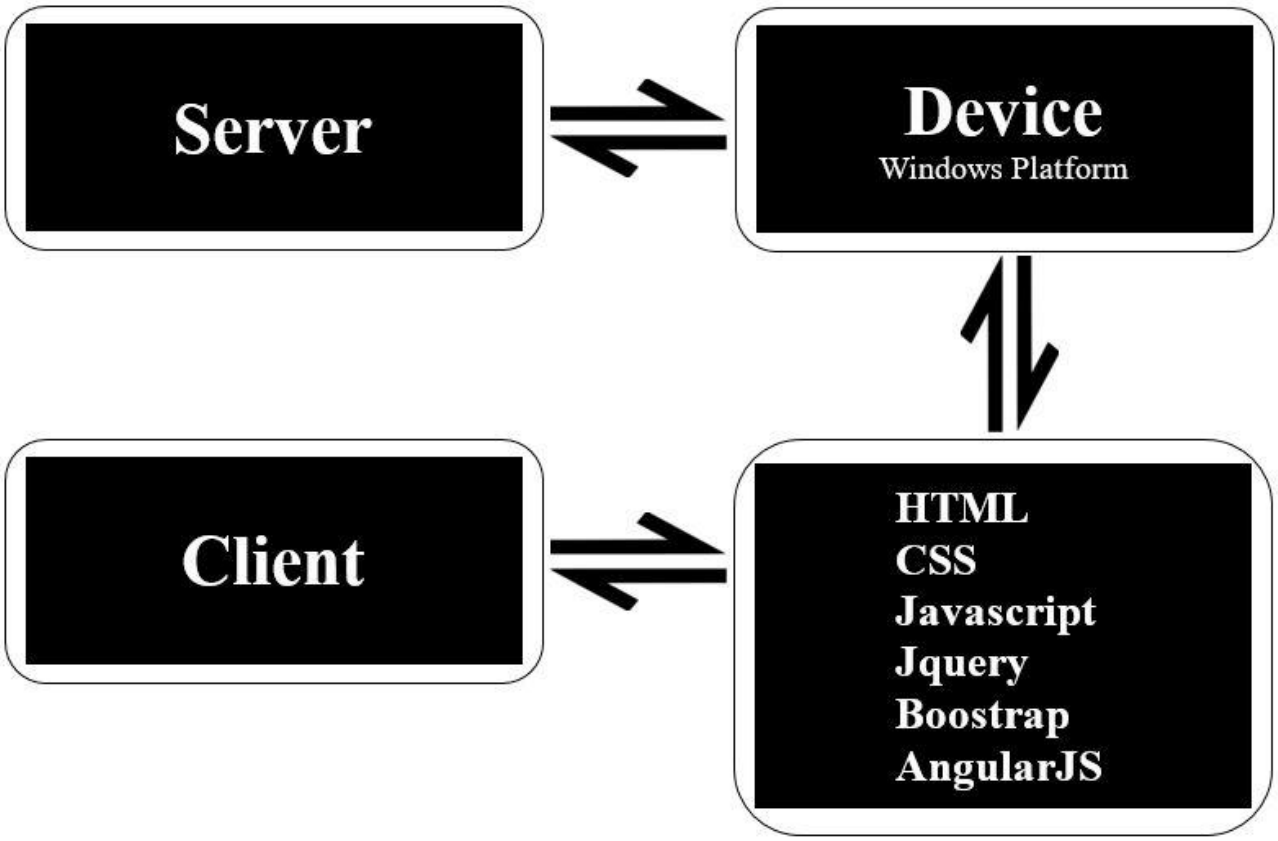
HARDWARE/SOFTWARE REQUIREMENT

Hardware

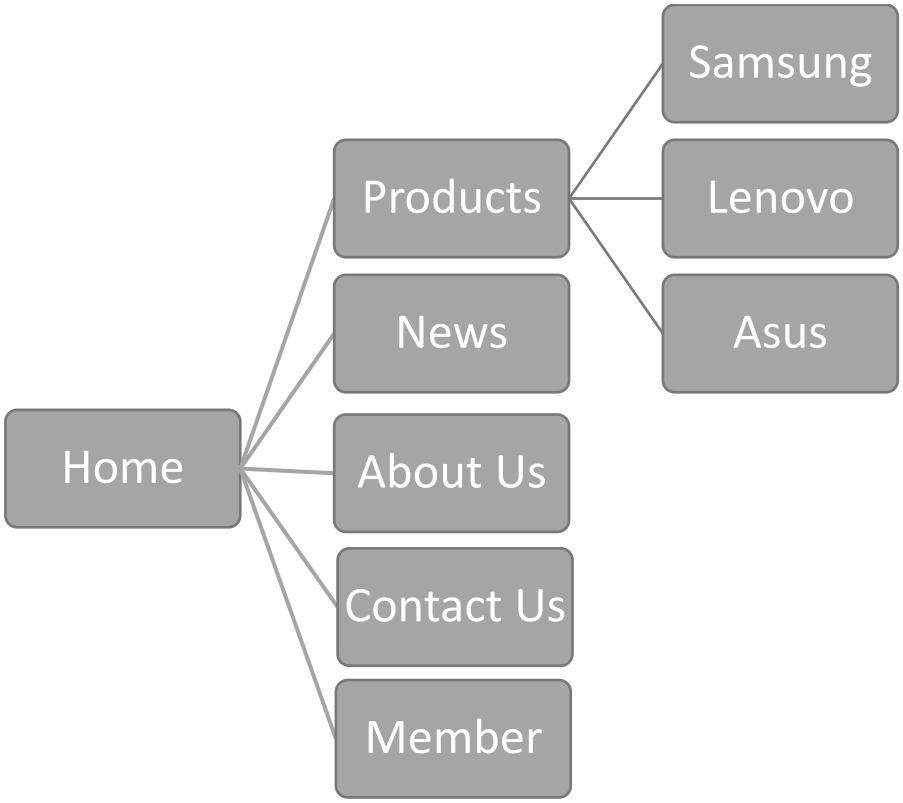
- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
- 64 Megabytes of RAM or better
-

Software

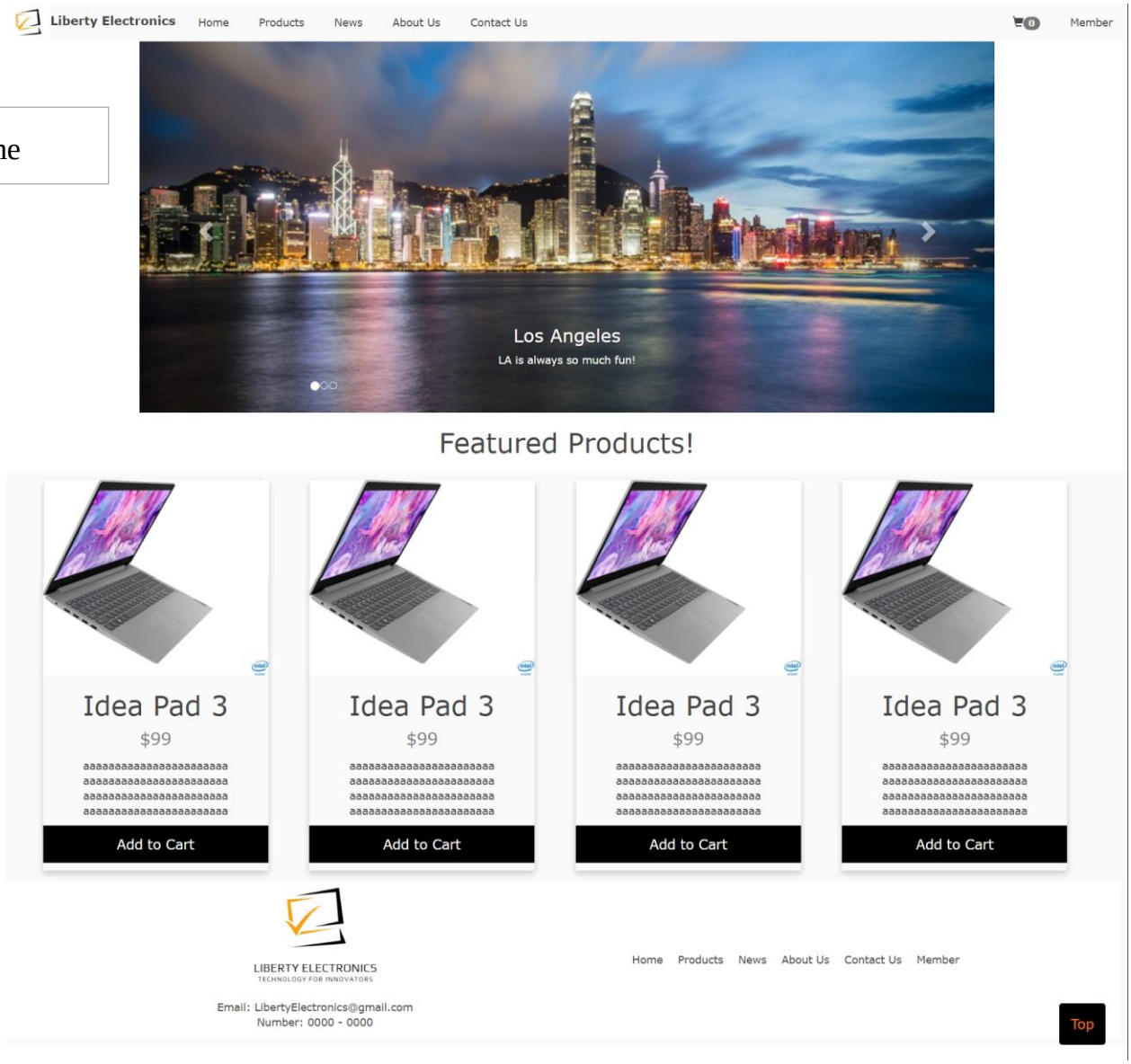
- Notepad/HTML editor
- Dreamweaver
- IE 5.0/ Netscape 6.0



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 05	LE THANH NHAN
Signature		
Date		


Samsung
Products
Lenovo
News
Asus
Home
About Us
Contact Us
Member

I. Home


Liberty Electronics
Home
Products
News
About Us
Contact Us
Member
Los Angeles
LA is always so much fun!
Featured Products!
Idea Pad 3
$99
Add to Cart
Idea Pad 3
$99
Add to Cart
Idea Pad 3
$99
Add to Cart
Idea Pad 3
$99
Add to Cart
LIBERTY ELECTRONICS
TECHNOLOGY FOR INNOVATORS
Email: LibertyElectronics@gmail.com
Number: 0000 - 0000
Home
Products
News
About Us
Contact Us
Member
Top

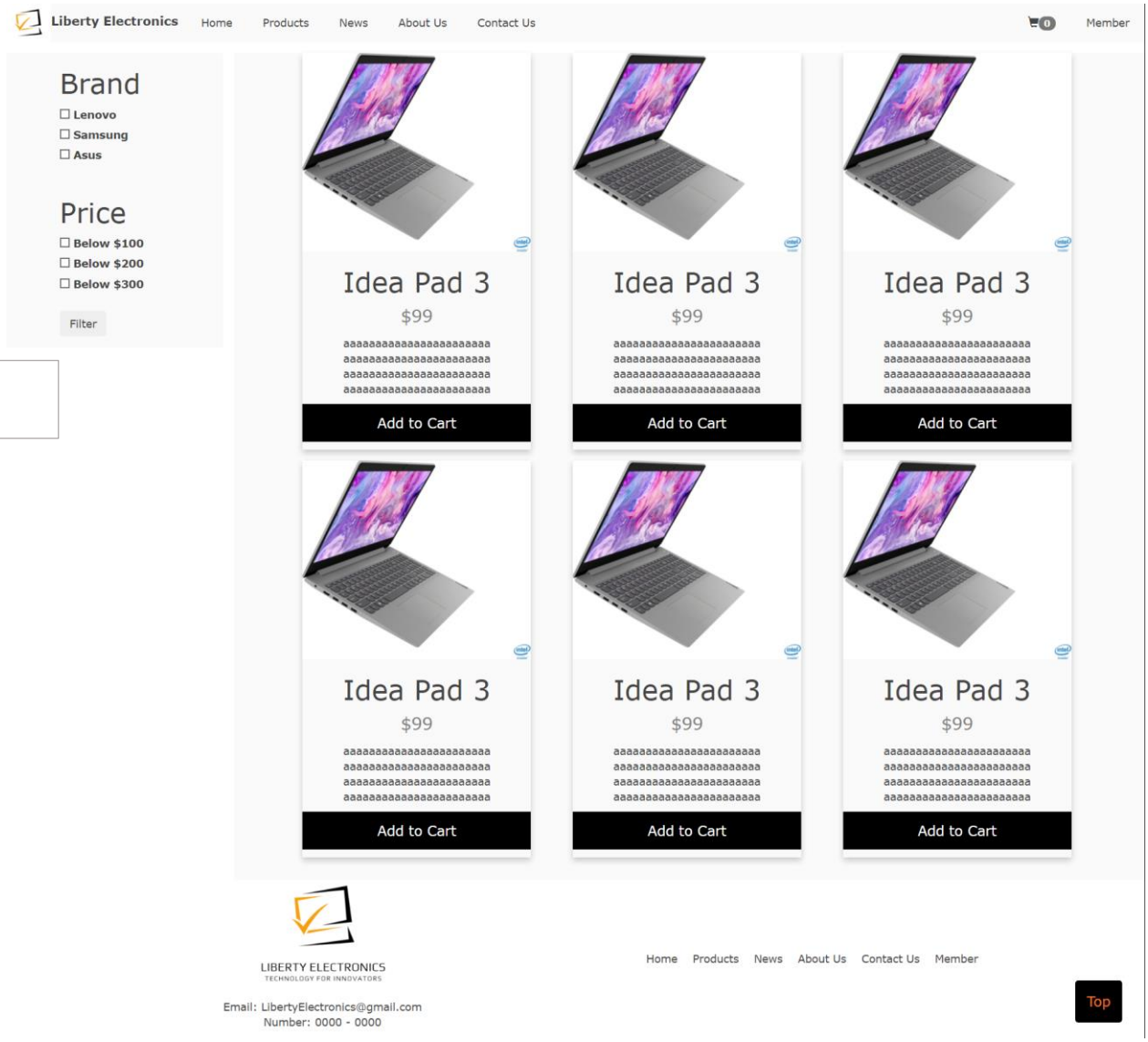
Description: This is the main homepage of the shop's website. It shows some featured products and contains links to other pages.

From: Can be access from other pages

(there are links in the navigation bar on the top of the page)

To: Other pages

II. Product



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Date		

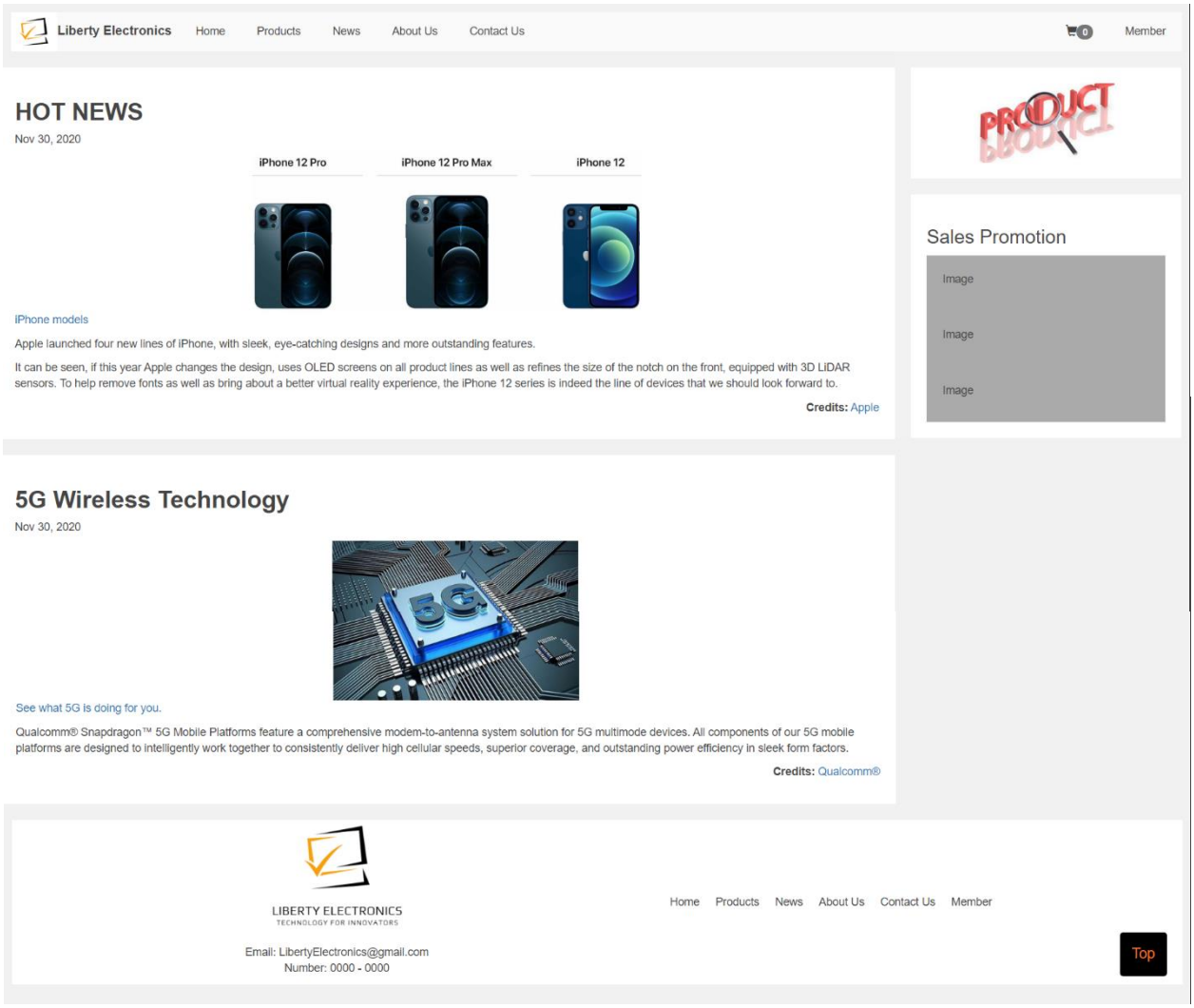
Description: This page shows products and filter for products.

From: Can be access from other pages

(there are links in the navigation bar on the top of the page)

To: Other pages

III. News


Liberty Electronics
Home
Products
News
About Us
Contact Us
Member
HOT NEWS
Nov 30, 2020
iPhone 12 Pro
iPhone 12 Pro Max
iPhone 12
iPhone models
Apple launched four new lines of iPhone, with sleek, eye-catching designs and more outstanding features.
It can be seen, if this year Apple changes the design, uses OLED screens on all product lines as well as refines the size of the notch on the front, equipped with 3D LiDAR sensors. To help remove fonts as well as bring about a better virtual reality experience, the iPhone 12 series is indeed the line of devices that we should look forward to.
Credits: Apple
Sales Promotion
Image
Image
Image
5G Wireless Technology
Nov 30, 2020
See what 5G is doing for you.
Qualcomm® Snapdragon™ 5G Mobile Platforms feature a comprehensive modem-to-antenna system solution for 5G multimode devices. All components of our 5G mobile platforms are designed to intelligently work together to consistently deliver high cellular speeds, superior coverage, and outstanding power efficiency in sleek form factors.
Credits: Qualcomm®
LIBERTY ELECTRONICS
TECHNOLOGY FOR INNOVATORS
Email: LibertyElectronics@gmail.com
Number: 0000 - 0000
Home
Products
News
About Us
Contact Us
Member
Top

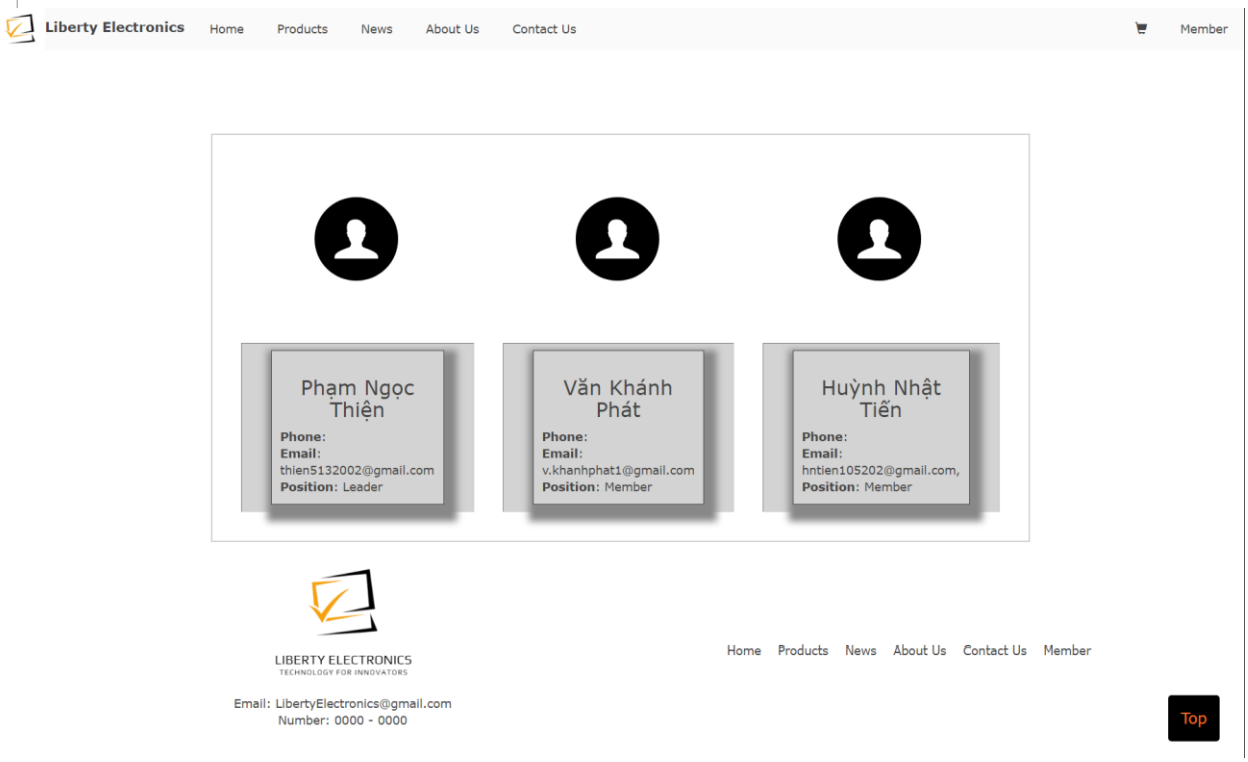
Description: This page contains some news on the left side and some sales on the right side.

From: Can be access from other pages

(there are links in the navigation bar on the top of the page)

To: Other pages (there are links in the navigation bar on both top and bottom of the page)

IV. About Us



	Prepared by (Student)	Approved by (Faculty)
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Signature		
Date		

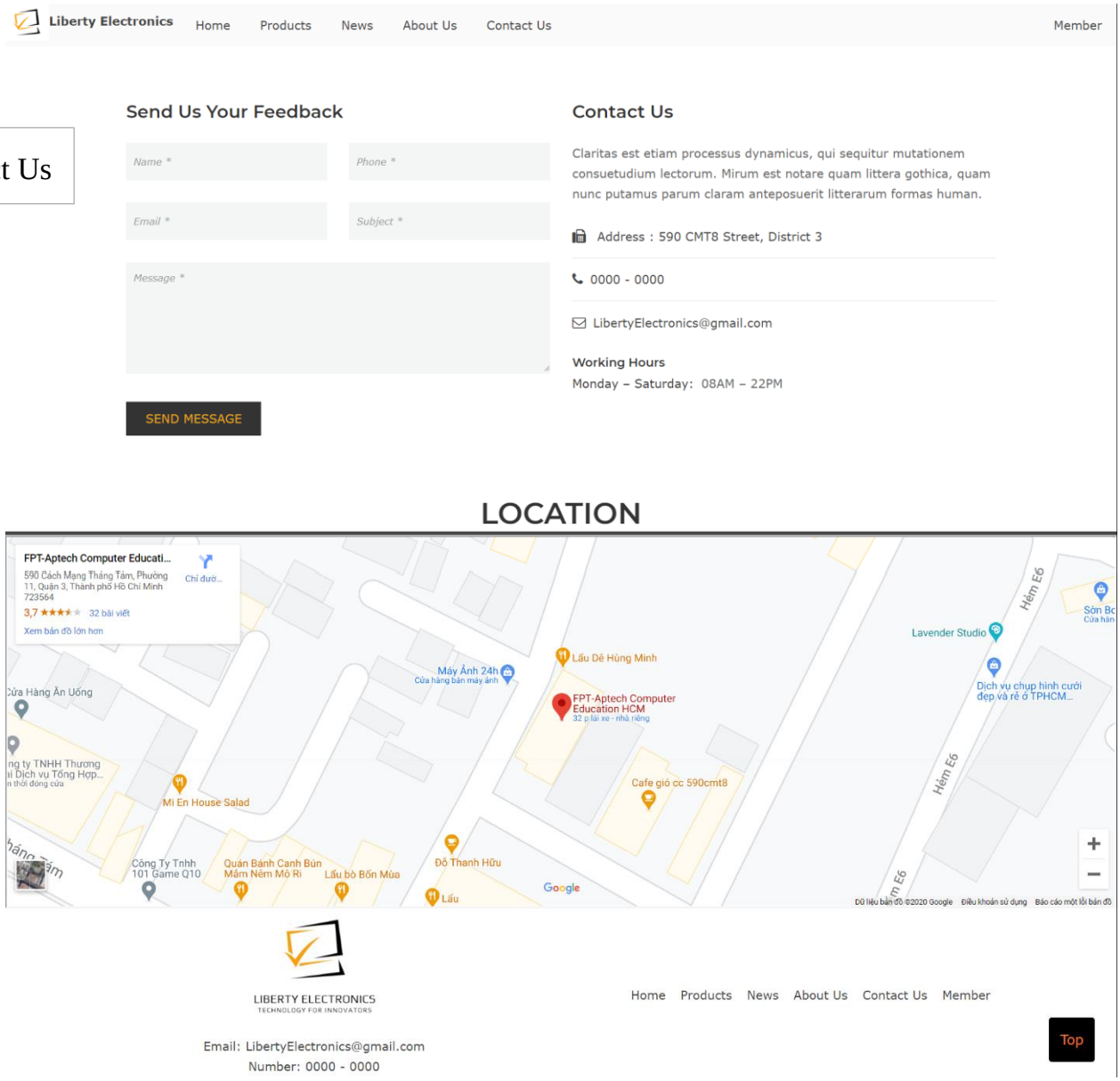
Description: This page contains the shop's staff infomation

From: Can be access from other pages

(there are links in the navigation bar on the top of the page)

To: Other pages (there are links in the navigation bar on both top and bottom of the page)

V. Contact Us



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 05	LE THANH NHAN
Signature		
Date		

Description: This page contains the shop's information and location.

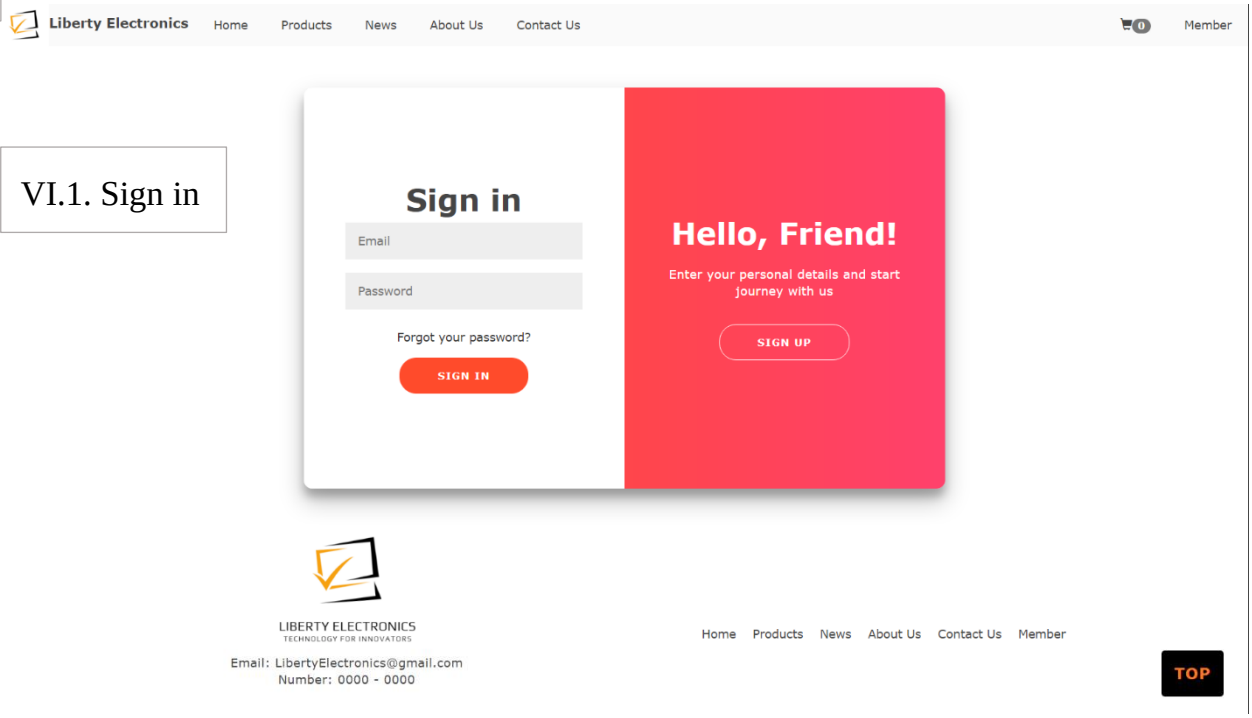
From: Can be access from other pages

(there are links in the navigation bar on the top of the page)

To: Other pages (there are links in the navigation bar on both top and bottom of the page)

VI. Member

VI.1. Sign in



Description:

- Member contains both sign in and sign up page.
- This page contains sign in form

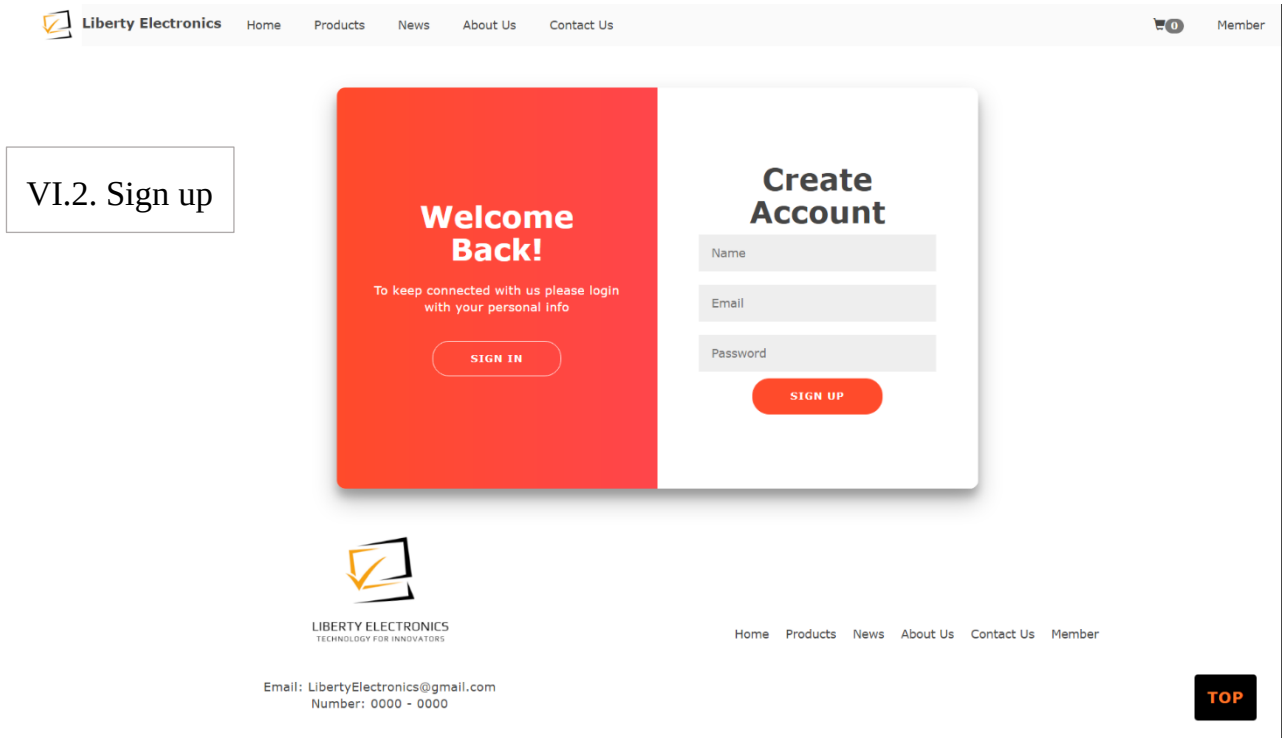
From:

- Can be access from other pages
- There are links in the navigation bar on both top and bottom of the page
- Sign up form

To:

- Other pages (there are links in the navigation bar on both top and bottom of the page)
- Sign up form (Click SIGN UP button on the right)

VI.2. Sign up


Liberty Electronics
Home
Products
News
About Us
Contact Us
0
Member
Welcome Back!
To keep connected with us please login with your personal info
SIGN IN
Create Account
Name
Email
Password
SIGN UP
LIBERTY ELECTRONICS
TECHNOLOGY FOR INNOVATORS
Home
Products
News
About Us
Contact Us
Member
Email: LibertyElectronics@gmail.com
Number: 0000 - 0000
TOP

Description:

- Member contains both sign in and sign up page.
- This page contains sign in form

From:

- Sign in form

To:

- Other pages (there are links in the navigation bar on both top and bottom of the page)
- Sign in form (Click SIGN IN button on the right)

Sr.No	Features Tested	Remarks
1	Filtering products	Working
2	Comparing products	Not working
3	Add products to cart	Not working
4	Register an account	Not working
5	Check value in typed field of forms	Working
6	Carousel	Working
7	Geographical location	Working
8	Email link	Working

	Prepared by (Student)	Approved by (Faculty)
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Signature		
Date		

List of objectives	**Status**	
	Yes	**No**
Do all text links lead to the appropriate Web site?	Y	☐
Are all the links clearly visible on the page?	Y	☐
Is the Web page opening properly in all the tested Web browsers?	Y	☐
Is the Web page talking too long to load?	☐	N
Is the navigation sequences correct through all the Web pagaes on the site?	Y	☐
Is the JavaScript code working as expected in all click events	Y	☐

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planed Start Date	Actual Start Date	Actual Days	Status
1	Phạm Ngọc Thiện	Show shortcuts to other pages, some featured products	home.htm	22-Sep-20	29-Sep-20	5 days	OK
2							
3			products.htm	22-Sep-20	29-Sep-20	10 days	OK
4							
1	Văn Khánh Phát	Links to various articles	news.html	22-Sep-20	29-Sep-20	5 days	OK
2							
3		Information of each member	aboutus.html	22-Sep-20	29-Sep-20	5 days	OK
4							
1	Huỳnh Nhật Tiến	Login/Register form	Login.html (Member)	22-Sep-20	29-Sep-20	5 days	OK
2							
3		Information and Geo map	ContactUs.html	22-Sep-20	29-Sep-20	5 days	OK
4							

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 05	LE THANH NHAN
Signature		
Date		