

# FPT ACADEMY INTERNATIONAL FPT – APTECH COMPUTER EDUCATION

# **Liberty Electronics**

**Supervisor:**  $L\hat{E} THANH NH\hat{A}N$ 

Semester: 1

**Batch No:** *T1.2008.A2* 

**Group No:** 5

Order:	Full name	Roll No.
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3.	Huỳnh Nhật Tiến	Student1276092

Month: November Year: 2020

This i	s to certify that
Mr.	Phạm Ngọc Thiện
Mr.	Văn Khánh Phát
Mr.	Huỳnh Nhật Tiến
Have succ	cessfully Designed & Developed
	<b>Liberty Electronics</b>
Submitted	d by:
Submitted	d by:  Mr. LE THANH NHAN
	Mr. LE THANH NHAN
Submitted Date of 1	Mr. LE THANH NHAN
	Mr. LE THANH NHAN
Date of 1	Mr. LE THANH NHAN

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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

Design Plan:	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Liberty Electronics		
Effective Date: 15/11/2020	Version 1.0	<b>Page No</b> : 1 of 25

## **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.

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Date		

Design Plan:	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Liberty Electronics		
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### **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).

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Design Plan:	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Liberty Electronics		
Effective Date: 15/11/2020	Version 1.0	Page No: 3 of 25

#### **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.

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Date		

Design Plan:	Document Name:	SWD/Form No.02/CRS/Ver1.0
Liberty Electronics	Customer Requirement Specifications	
Effective Date: 15/11/2020	Version 1.0	<b>Page No</b> : 4 of 25

#### **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

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Design Plan:	Document Name:	SWD/Form No.02/CRS/Ver1.0
Liberty Electronics	Customer Requirement Specifications	
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#### **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

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Design Plan:	Document Name:	SWD/Form No.02/CRS/Ver1.0
Liberty Electronics	Customer Requirement Specifications	
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## 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

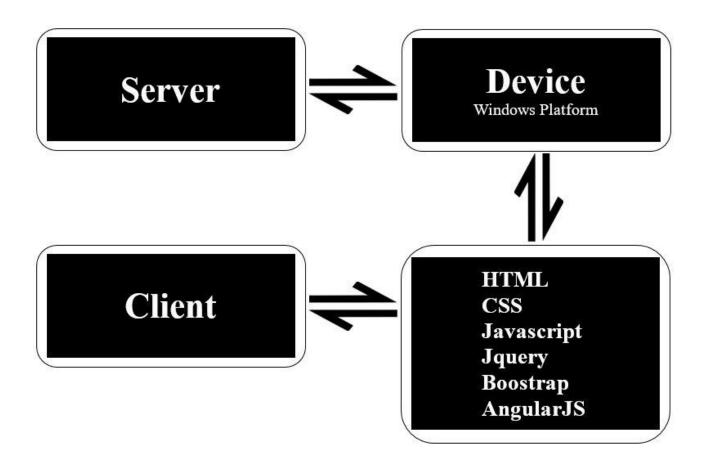
•

## Software

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

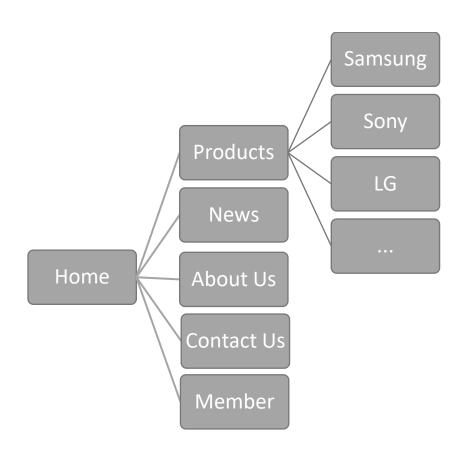
	Prepared by (Student)	Approved by (Faculty)
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Date		

Design Plan:	Document Name:	SWD/Form No.03/ARD/Ver1.0
Liberty Electronics	Architecture and design of the project	
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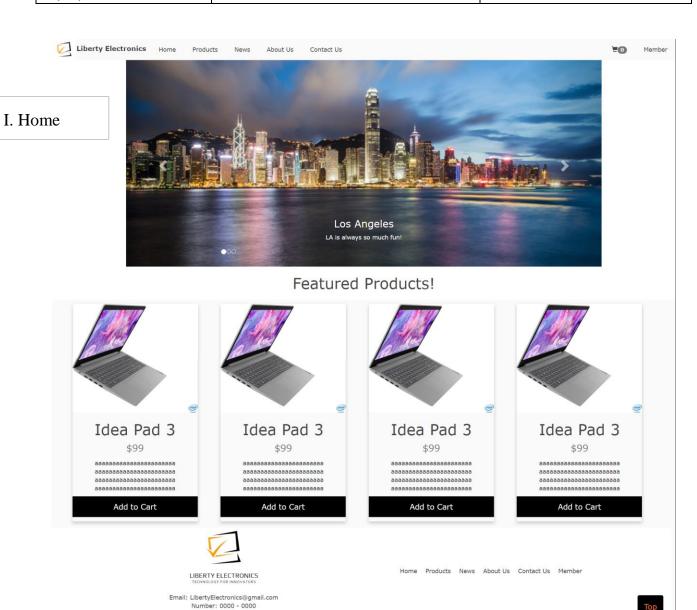
	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 05	LE THANH NHAN
Signature		
Date		

Design Plan:	Document Name:	SWD/Form No.04/SM/Ver1.0
Liberty Electronics	SiteMap	
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Date		

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
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Date		

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
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**Description:** This is the main homepage of the shop's website. It shows some featured products and contains links to other pages.

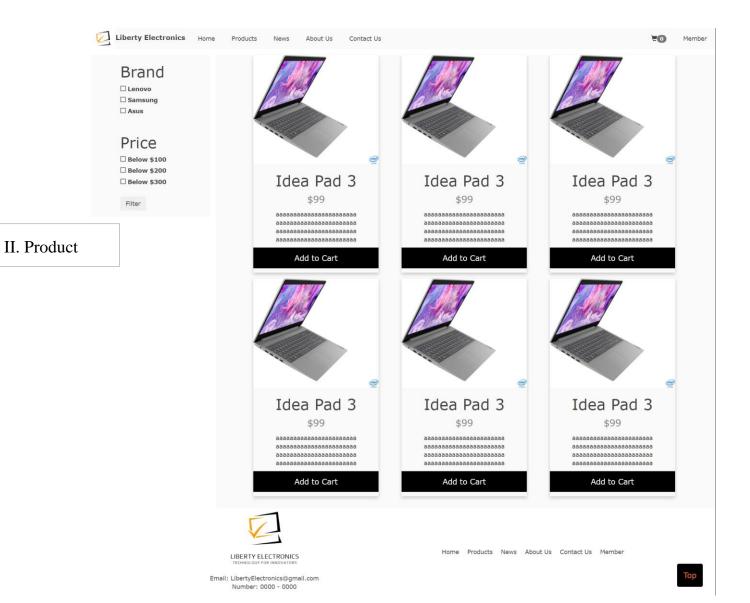
**From:** Can be access from other pages

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

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

	Prepared by (Student)	Approved by (Faculty)
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Date		

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
Effective Date: 15/11/2020	Version 1.0	<b>Page No</b> : 11 of 25



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Date		

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
Effective Date: 15/11/2020	Version 1.0	<b>Page No</b> : 12 of 25

**Description:** This page shows products and filter for products.

**From:** Can be access from other pages

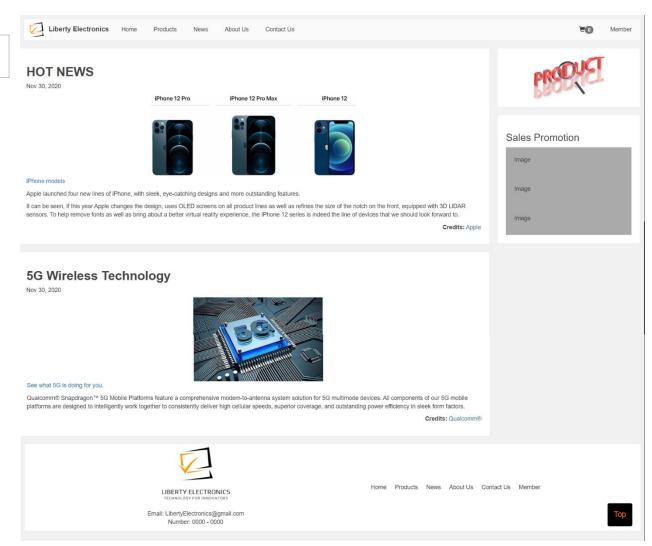
(there are links in the navigation bar on both top and bottom of the page)

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

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Date		

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
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## III. News



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Signature		
Date		

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
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**Description:** This page contains some news on the left side and some sales on the right side.

From: Can be access from other pages

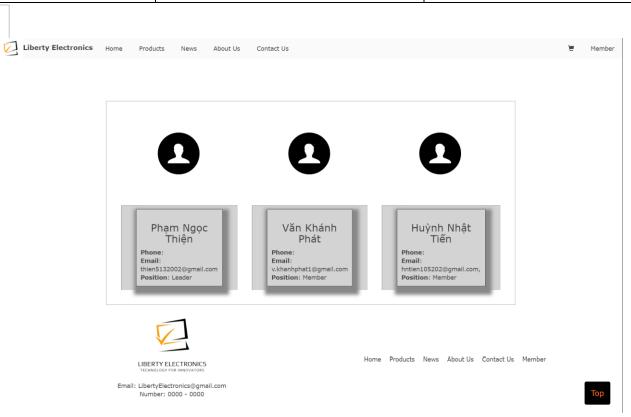
(there are links in the navigation bar on both top and bottom of the page)

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

	Prepared by (Student)	Approved by (Faculty)
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Date		

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
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## IV. About Us



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Signature		
Date		

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
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**Description:** This page contains the shop's staff infomation

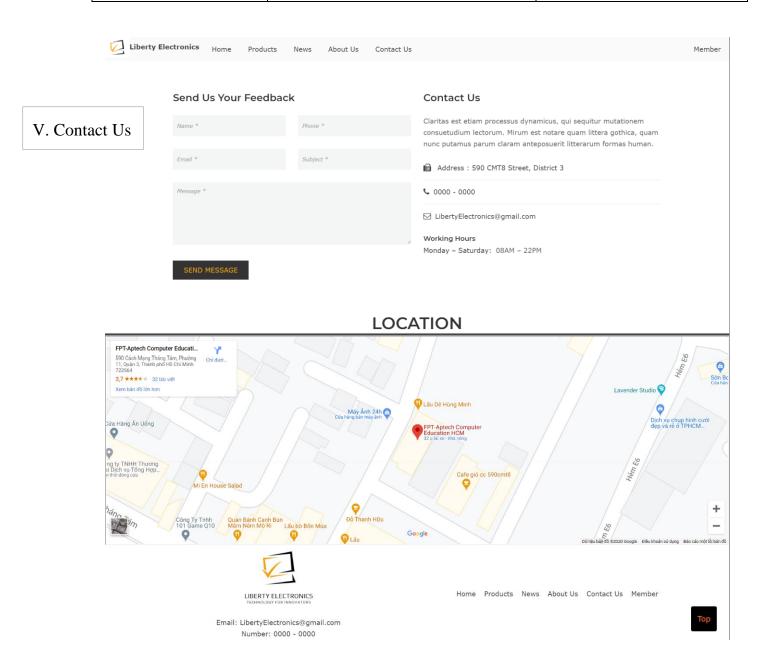
**From:** Can be access from other pages

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

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

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

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
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Signature		
Date		

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
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**Description:** This page contains the shop's information and location.

**From:** Can be access from other pages

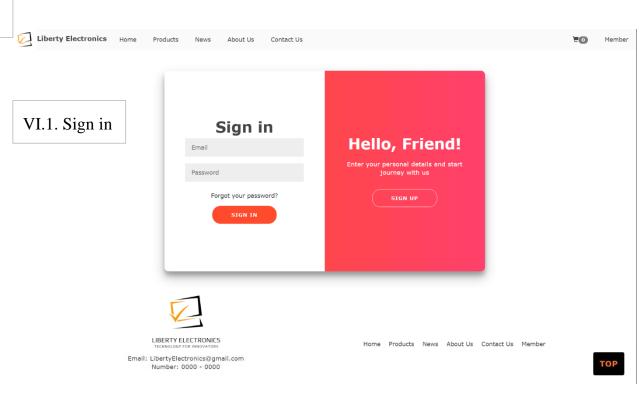
(there are links in the navigation bar on both top and bottom of the page)

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

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Signature		
Date		

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
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## VI. Member



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Signature		
Date		

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
Effective Date: 15/11/2020	Version 1.0	<b>Page No</b> : 20 of 25

## **Description:**

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

## From:

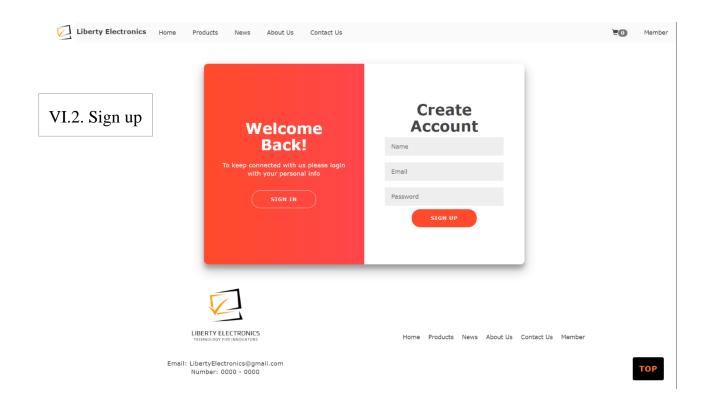
- Can be access from other pages
- There are links in the navigation bar on both top and bottom of the page
- Sign up form

#### 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)

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

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
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	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 05	LE THANH NHAN
Signature		
Date		

Design Plan:	Document Name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics	Screen shots	
Effective Date: 15/11/2020	Version 1.0	Page No: 22 of 25

## **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)

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Signature		
Date		

Design Plan:	Document Name:	SWD/Form No.06/TD/Ver1.0
Liberty Electronics	Testing Document	
Effective Date: 15/11/2020	Version 1.0	<b>Page No</b> : 23 of 25

Sr.No	Features Tested	Remarks	
1	Filtering products	Not 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 Wo		
6	Carousel	Working	
7	Geographical location	Working	
8	Email link	Working	

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

Design Plan:	Document Name:	SWD/Form No.07/FC/Ver1.0
Liberty Electronics	Final checklist	
Effective Date: 15/11/2020	Version 1.0	<b>Page No</b> : 24 of 25

		Status	
List of objectives	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		

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Date		

Design Plan:	Document Name:	SWD/Form No.08/TS/Ver1.0
Liberty Electronics	Task Sheet	
Effective Date: 15/11/2020	Version 1.0	Page No: 25 of 25

				Activity Plan	Date of Preparation of	Activity Pla	an
No	Member	Contents	Page Name	Planed Start Date	Actual Start Date	Actual Days	Status
1 2		Show shortcuts to other pages, some featured products	home.htm	22-Sep-20	29-Sep-20	5 days	OK
3 4	Fliam Ngọc Thiện		products.htm	22-Sep-20	29-Sep-20	for eternal	Not OK
2	1 2 3 4 Văn Khánh Phát	Links to various articles	news.html	22-Sep-20	29-Sep-20	5 days	OK
		Information of each member	aboutus.html	22-Sep-20	29-Sep-20	5 days	OK
2	Huynh Nhat Lien	Login/Register form	Login.html (Member)	22-Sep-20	29-Sep-20	5 days	OK
		Information and Geo map	ContactUs.html	22-Sep-20	29-Sep-20	5 days	OK
		Information and Geo map	ContactUs.html	22-Sep-20	29-Sep-20	5 days	L

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