



Alliance with  Education

FPT ACADEMY INTERNATIONAL FPT – APTECH COMPUTER EDUCATION

Centre Name: ACE-HCMC-2-FPT.

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

Liberty Electronics

Supervisor:	Phạm Thị Lánh	
Term:	T1.2108.A0	
Batch No:	1	
Group No:	Group 1	
Order:	Full name	Roll No.
01.	Nguyễn Trần Trọng	Student1328431
02.	Ngô Hạnh Dung	Student1328426
03.	Trần Công Thịnh	Student1331708

November 2021

This is to certify that

Mr. NGUYỄN TRẦN TRỌNG

Mr. TRẦN CÔNG THỊNH

Ms. NGÔ HẠNH DUNG

Have successfully Designed & Developed

LIBERTY ELECTRONICS

Submitted by:

Ms. PHAM THI LANH

Date Of Issue:

Authorized Signature:

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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., ladder 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.

We would like to send a great thank to our professor and others student for the addorable supports during the time in project.

Beside serveral mistakes we had made in the project, we hope to have more oppotunities to widen our knowledge in web developing world.

We also thank you so much for your infomation and the “demo” project from India APTECH to help us get more reality experience in this project. Since we have gained more experience from this project, we will not stop learning any thing as much as we can to be more successful in the future.

Your Sincerely,

Team Group 01.

Synopsis

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 HTML/JavaScript 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 The Objective of this program is to give a sample project to work on real life projects. These applications help you build a larger more robust application.

The objective is not to teach you the software's but to provide you with a real-life scenario and help you create basic applications using the tools.

You can revise the topics before you start with the project.

This project is meant for students who have completed the module of HTML5. These programs should be done in the Lab sessions with assistance of the faculty if required.

The website (in this project) is a tool that help the company to access the international market and gain more and more new customers.

It is very essential that a student has a clear understanding of the subject.

Kindly get back @ eprojects@aptech.ac.in in case of any doubts regarding the application or its objectives.

Design Plan: Liberty Electronics Limited	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Effective Date: 12-11-2021	Version 1.0	Page No: 1 of 23

Problem Definition

Liberty Electronics is a company founded 11 years ago, is a company specializing in selling key products such as TVs, refrigerators, washing machines, air conditioners, etc. with excellent quality, fast delivery when buying and efficient after-sales service.

Liberty Electronics products have become so popular that the demand for the products is not only coming from local market but also international market.

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.

Here are some problems need to be resolved:

1) The products even after being very popular in the market and the sales increasing there are some probable customers who want to view the product, learn about the features and product specifications in terms of storage technique, overall looks etc.

2) Some probable customers would also like to compare the various products within the same category. For e.g., there are 2 different types of SMART TV 4K one with 43 inch 43AU8000 Crystal UHD and 55 inch 55AU7700 UHD.

3) The product range is not known to quite a few customers they just order on the basis of the feedback or recommendations given by their friends or colleagues and after delivery of the product it does not match either the requirements or expectations leading to wastage of time, resources and delivery costs.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	PHAM THI LANH
Signature		
Date		

Design Plan: Liberty Electronics Limited	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Effective Date: 12-11-2021	Version 1.0	Page No: 2 of 23

4) Existing customers needing some help and support on the product after installation would have to call the Liberty Electronics office (difficult with phone lines continuously Busy) who would take their call and send the Service centre people to the place where the product is installed.

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	Project Group No: 01	PHAM THI LANH
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Date		

Design Plan: Liberty Electronics Limited	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 12-11-2021	Version 1.0	Page No: 3 of 23

Customer Requirements Specifications

USER:**Input:**

- Input consumer's address of residence or office
- Send questions/requests to the company

Process:

- Process consumer's address data
- Collect questions/requests sent by consumers

Output:

- Show the store address to consumers
- Reply to the consumer's requests/questions.

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	Project Group No: 01	PHAM THI LANH
Signature		
Date		

Design Plan: Liberty Electronics Limited	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 12-11-2021	Version 1.0	Page No: 4 of 23

WEB MASTER:

Input:

- Control website database, input product information,...

Process:

- Analyze website

Output:

- Website interface, images, forms, ...
- Giving interaction

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	Project Group No: 01	PHAM THI LANH
Signature		
Date		

Design Plan: Liberty Electronics Limited	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 12-11-2021	Version 1.0	Page No: 5 of 23

HARDWARE / SOFTWARE REQUIREMENT:**Software:**

- Notepad/HTML editor
- Dreamweaver/Javascript

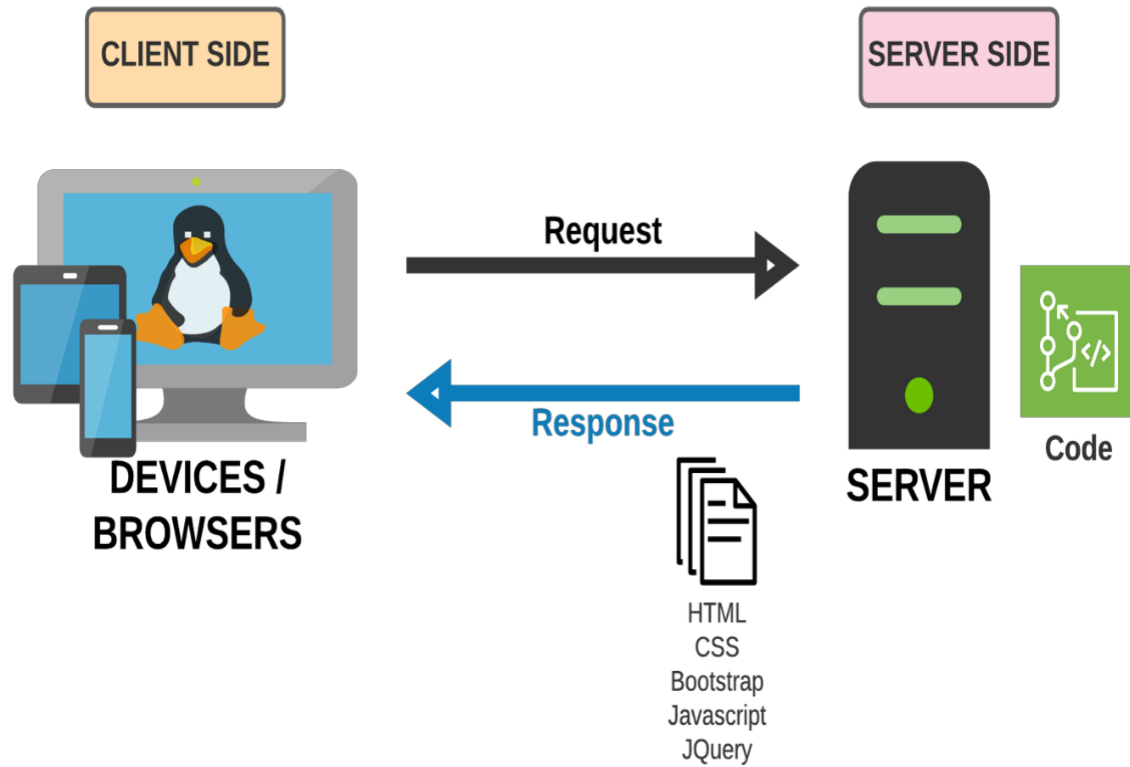
Hardware:

- 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

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Date		

Design Plan: Liberty Electronics Limited	Document Name: Architecture and design of the project	SWD/Form No.03/ARD/Ver1.0
Effective Date: 4-12-2020	Version 1.0	Page No: 6 of 23

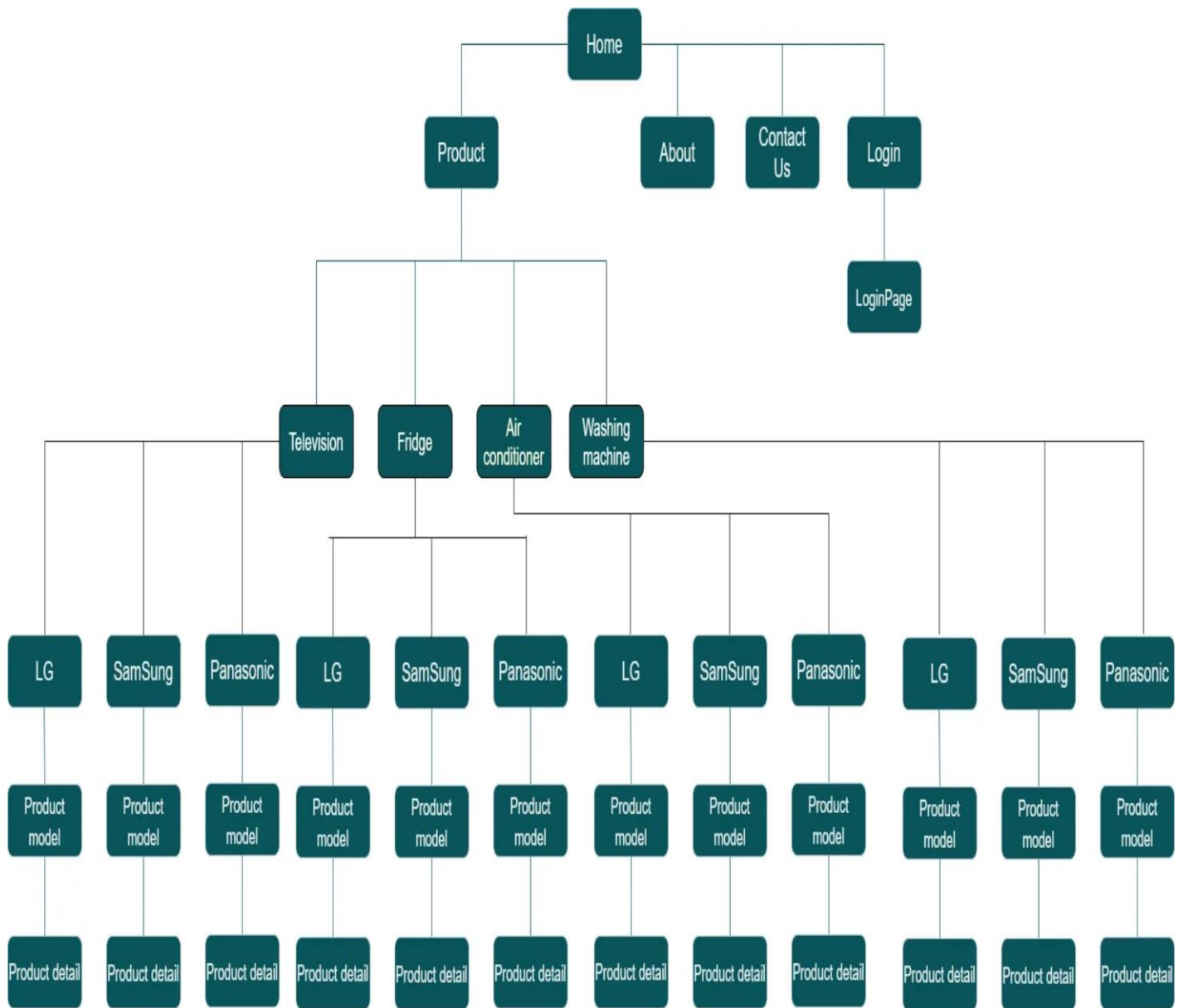
Architecture and design of the project



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	PHAM THI LANH
Signature		
Date		

Design Plan: Liberty Electronics Limited	Document Name: SiteMap	SWD/Form No.04/SM/Ver1.0
Effective Date: 4-12-2021	Version 1.0	Page No: 7 of 23

SiteMap

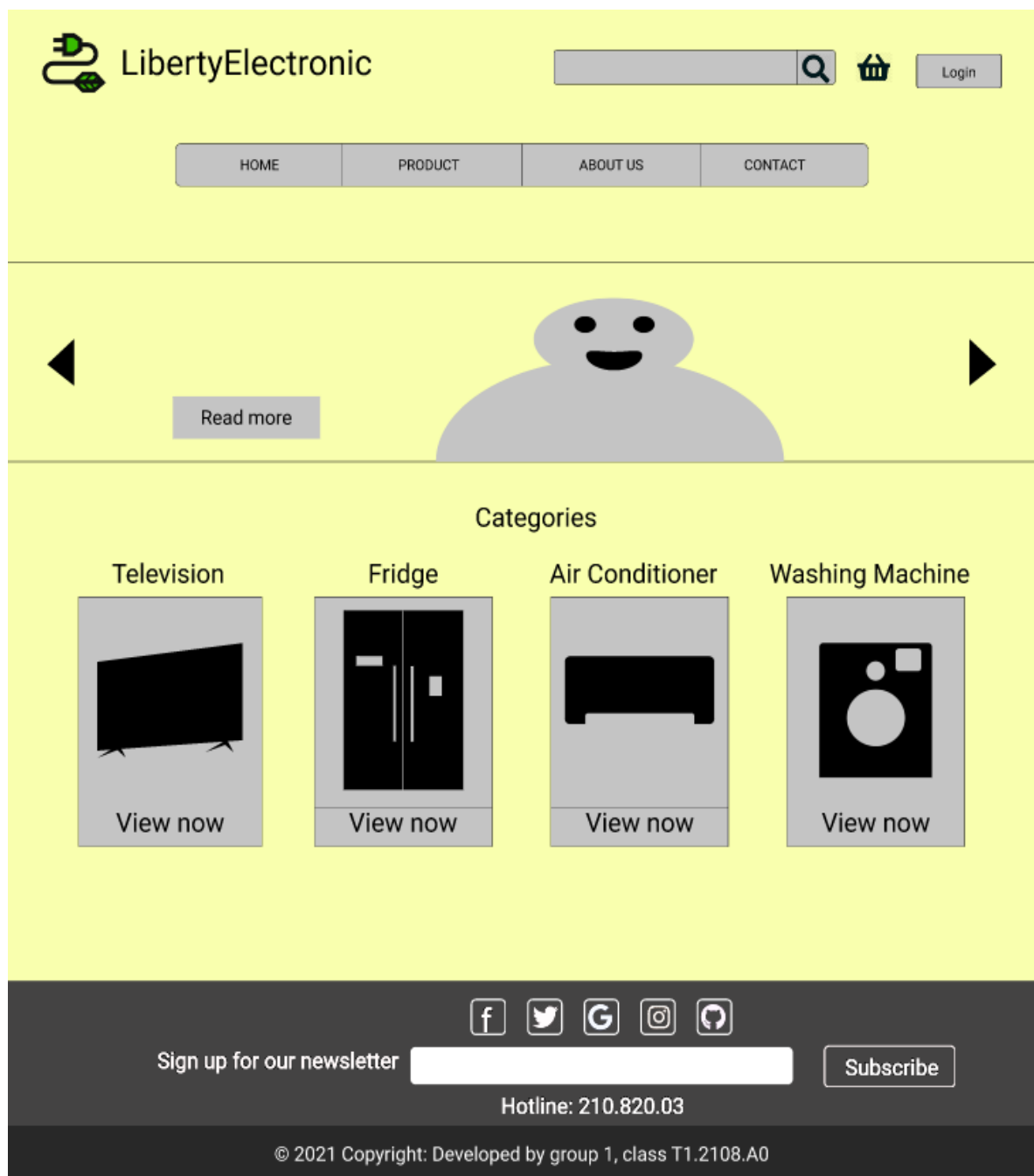


	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	PHAM THI LANH
Signature		
Date		

Design Plan: Liberty Electronics Limited	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 06-12-2021	Version 1.0	Page No: 1 of 23

Screen shots


I. Homepage:





	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	PHAM THI LANH
Signature		
Date		

Design Plan: Liberty Electronics Limited	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 06-12-2021	Version 1.0	Page No: 2 of 23

II. Contact:

 LibertyElectronic





Login

HOMEPRODUCTABOUT USCONTACT

Have about to report

Your name


Email Address






Your Feedback

Send

Contact address

Liberty Electronics Ltd.
590 CMT8 Street, Ward 11, District
3,HCM





Sign up for our newsletter

Subscribe

Hotline: 210.820.03

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Description: It has a navigation bar, a login button for signing up, a sidebar-menu and other blocks. This is main page of the website.

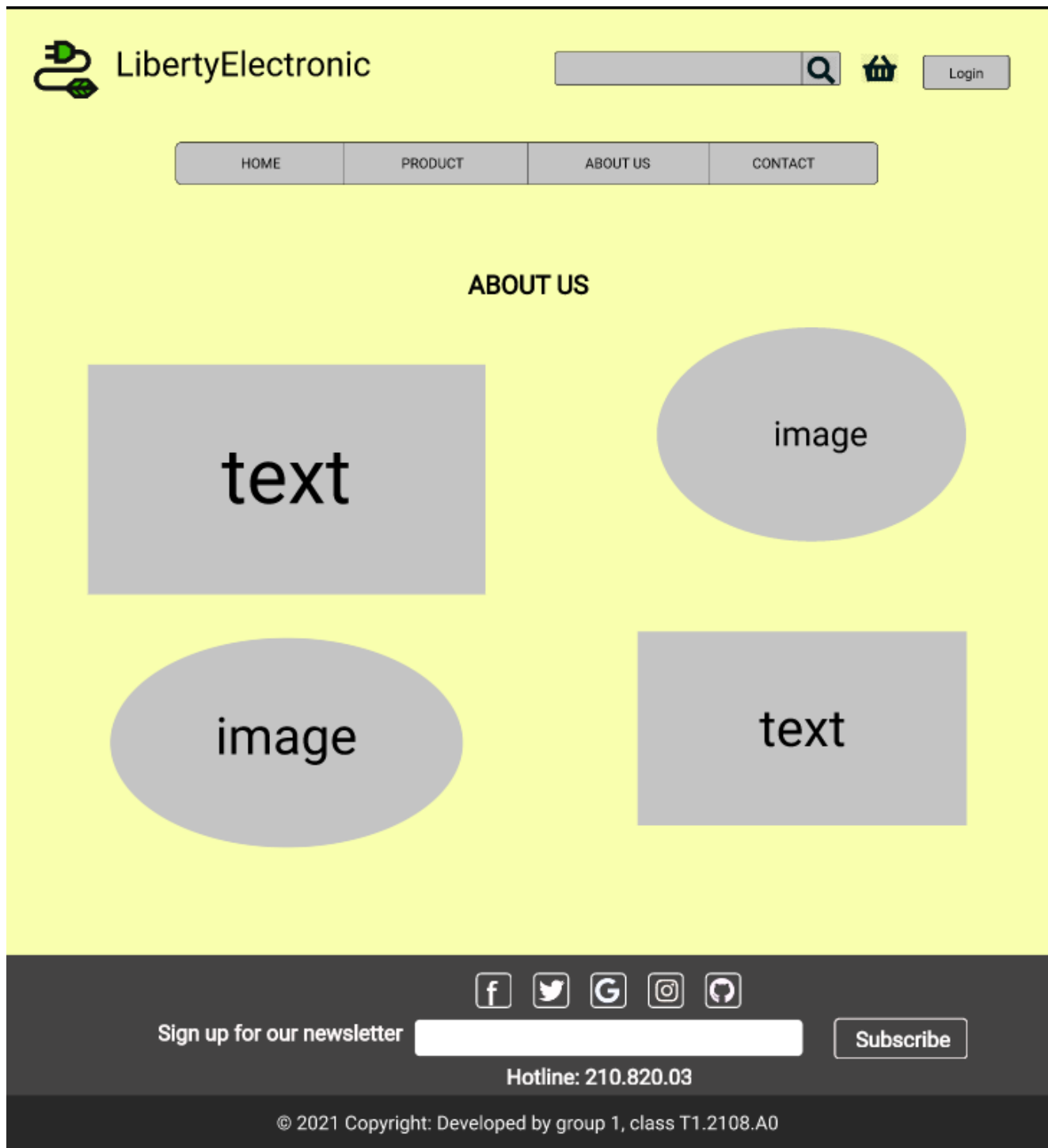
From: Open from site address, and from menu of each page

To: From here you can open all other pages by using sidebar-menu

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	PHAM THI LANH
Signature		
Date		

Design Plan: Liberty Electronics Limited	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 06-12-2021	Version 1.0	Page No: 3 of 23

III. About us :



Description: This page introduces the company

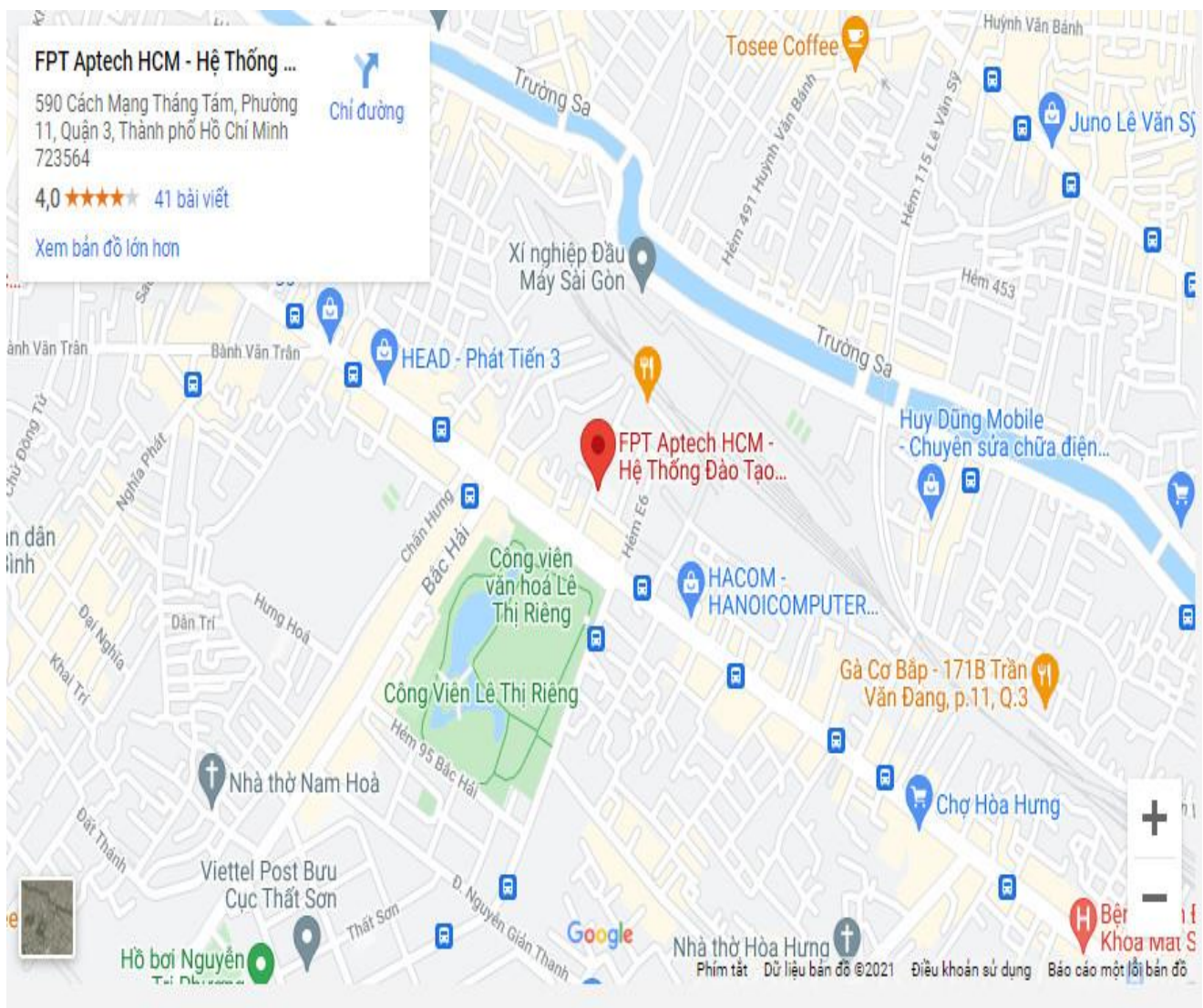
From: Open from menu of each page

To: From here you can open all other pages by using sidebar-menu

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	PHAM THI LANH
Signature		
Date		

Design Plan: Liberty Electronics Limited	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 06-12-2021	Version 1.0	Page No: 8 of 23

IV. Where to Buy :



Description: This page shows the company address in map

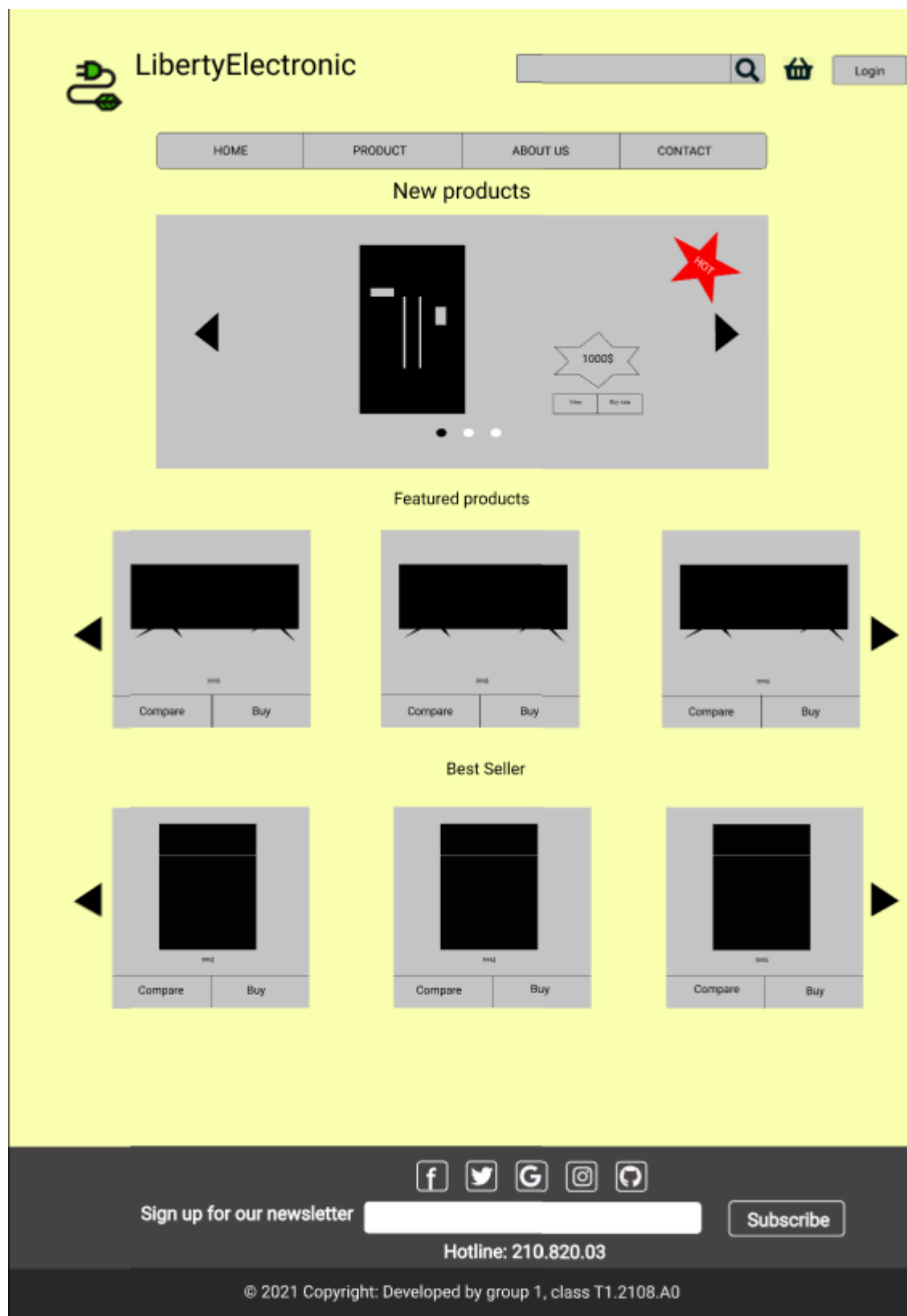
From : Open from menu of each page

To : From here you can open all other pages by using side

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	PHAM THI LANH
Signature		
Date		

Design Plan: Liberty Electronics Limited	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 06-12-2021	Version 1.0	Page No: 8 of 23

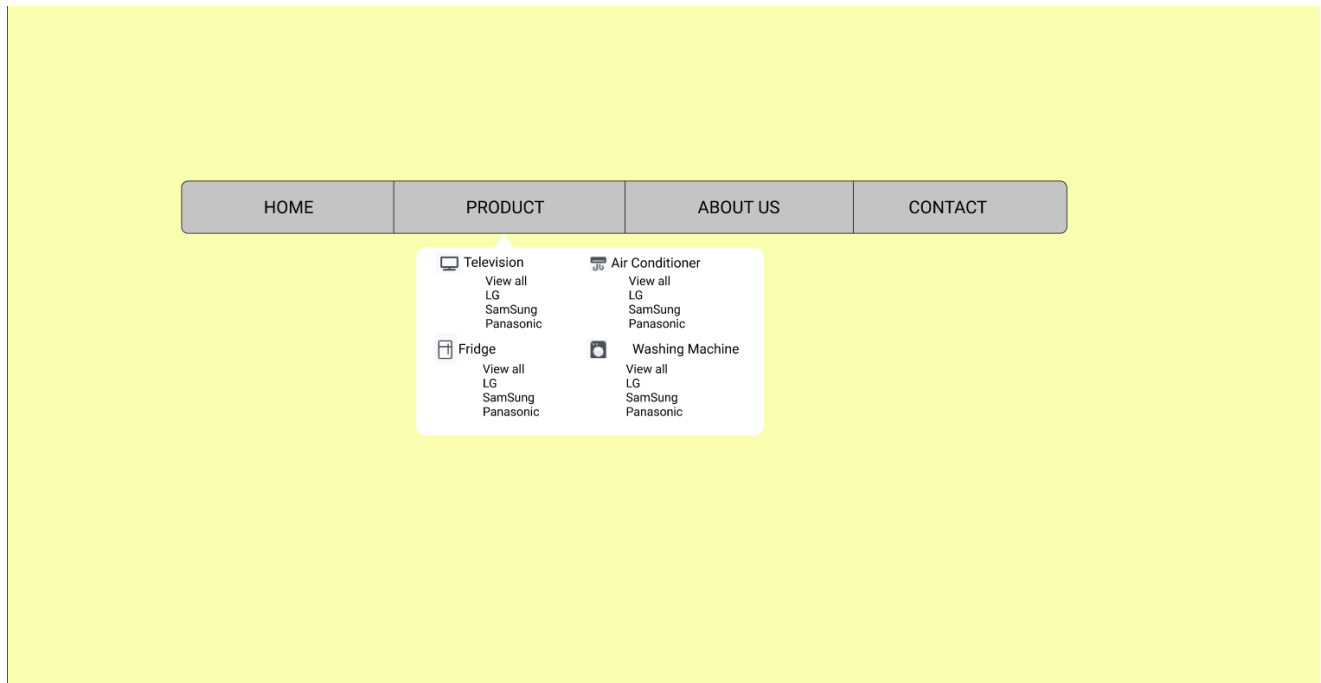
V. Product :



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	PHAM THI LANH
Signature		
Date		

Design Plan: Liberty Electronics Limited	Document name: Screen Shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 06-12-2021	Version 1.0	Page No: 9 of 23

VI. Hover Product



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	PHAM THI LANH
Signature		
Date		

Design Plan: Liberty Electronics Limited	Document name: Screen Shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 06-12-2021	Version 1.0	Page No: 10 of 23


VII. View all Product




	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	PHAM THI LANH
Signature		
Date		


Design Plan:	Document name:	SWD/Form No.05/SS/Ver1.0
Liberty Electronics Limited	Screen Shots	
Effective Date: 06-12-2021	Version 1.0	Page No: 10 of 23

VIII. View Detail




LibertyElectronic





Login

HOMEPRODUCTABOUT USCONTACT



Product Name






Product parameters

Price: \$999

Add to Cart

Compare

Add review



Some reviews

User

User reivews

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	PHAM THI LANH
Signature		
Date		

Design Plan: Liberty Electronics Limited	Document name: Screen Shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 06-12-2021	Version 1.0	Page No: 10 of 23

X. Sign Up

Sign up

name

email

phone

password

confirm password

submit

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

Design Plan: Liberty Electronics Limited	Document name: Screen Shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 06-12-2021	Version 1.0	Page No: 10 of 23

XI. Check Out

LibertyElectronic

HOME PRODUCT ABOUT US CONTACT

Payment address

Full name

Phone number

City

Address

Payment methods

Select cards

Credit card number

Exp Month

Exp Year

CVV

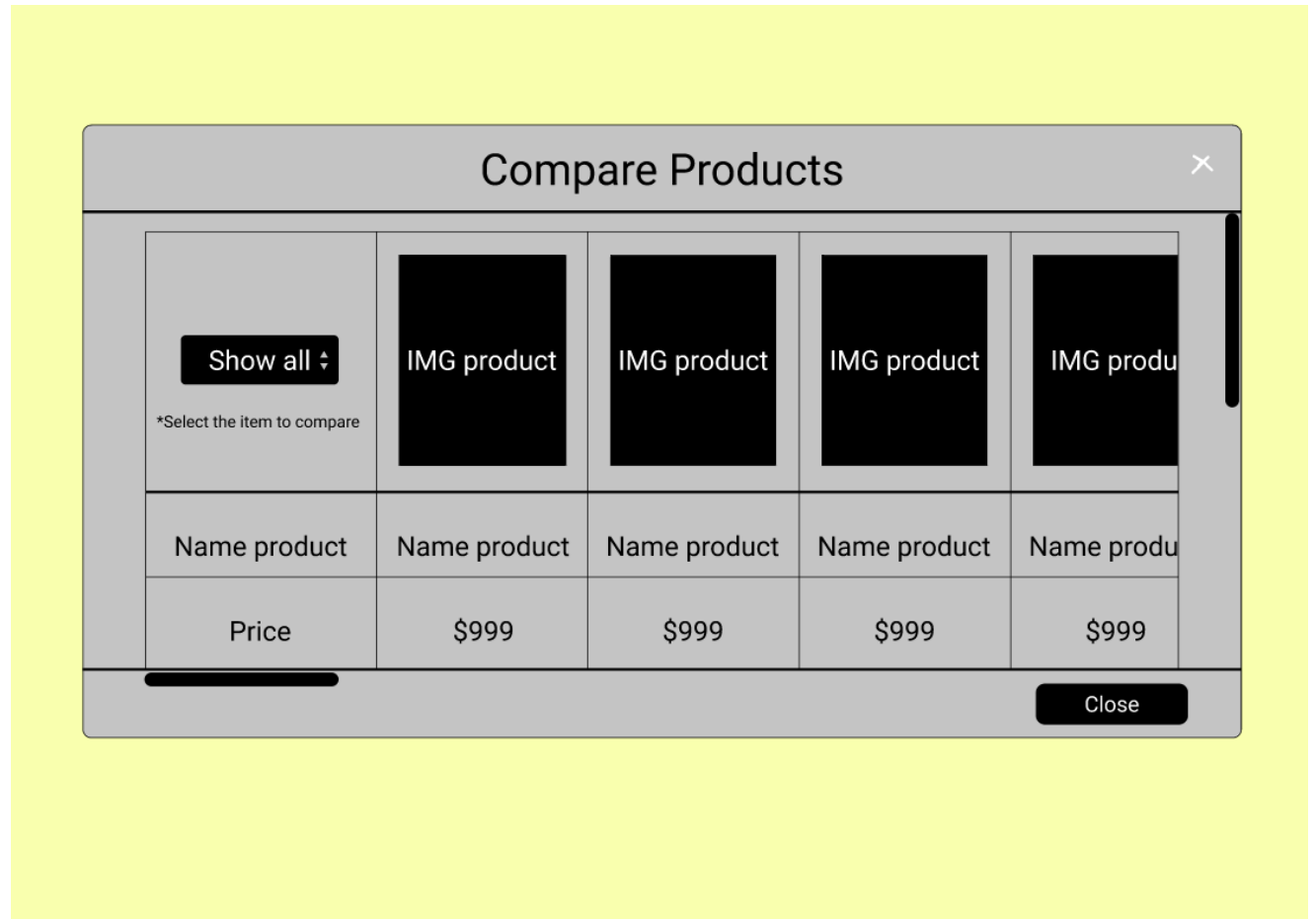
Customer notes

Send order

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	PHAM THI LANH
Signature		
Date		

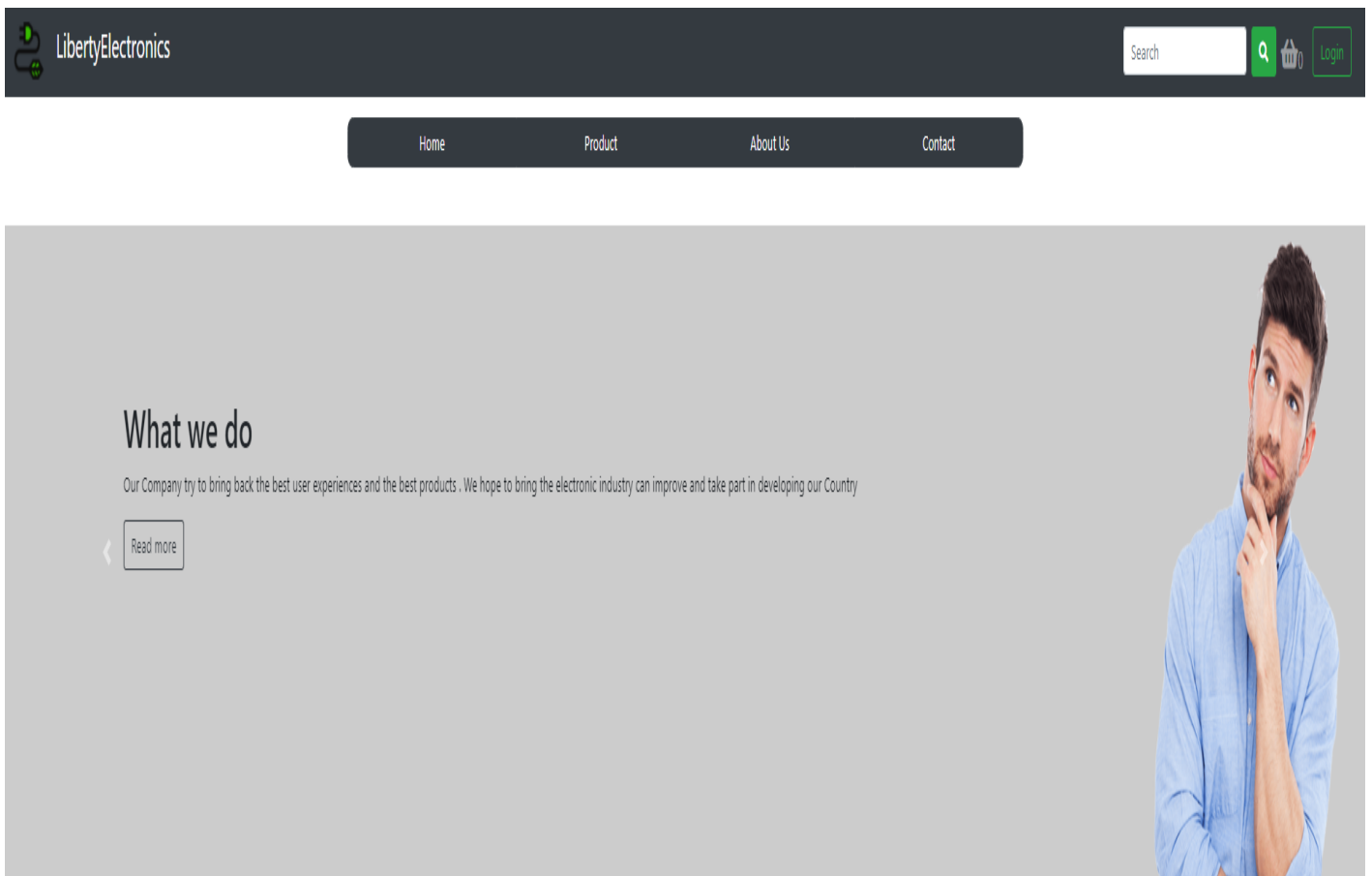
Design Plan: Liberty Electronics Limited	Document name: Screen Shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 06-12-2021	Version 1.0	Page No: 10 of 23

XII. Compare

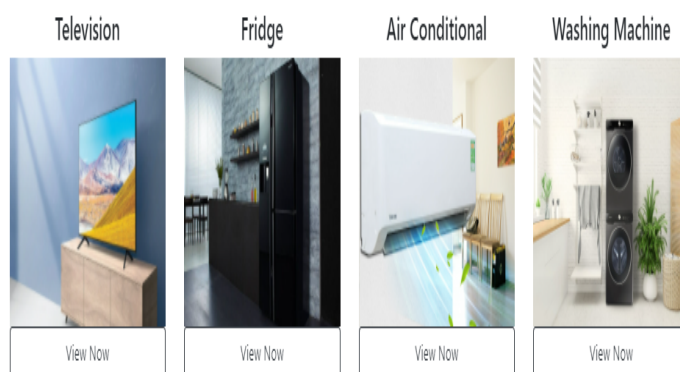


Review 2

I. Home Page:



Categories



II. Contact

[Home](#)[Product](#)[About Us](#)[Contact](#)

Have about to report

Your name

Email address

Your Feedback

[Send](#)

III. About Us

[Home](#)[Product](#)[About Us](#)[Contact](#)

Who we are

Liberty Electronics is a business services company, our company is in the field of electronics. The company was born in early 2020 and we have always been a pioneer in developing and improving electronic technology products. Our company has cooperated with many famous brands in this industry such as Samsung, LG, Toshiba, ... to create many advanced products to bring to users.



What we can

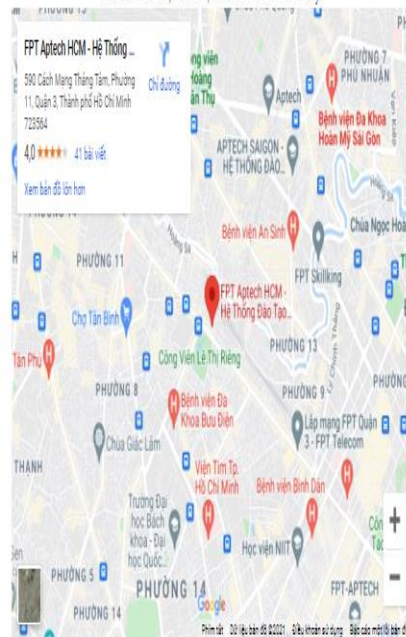
Our Company try to bring back the best user experiences and the best products. By practical experience, we offer breakthrough policies in terms of quality. We hope to bring the electronic industry can improve and take part in developing our Country.

IV. Where to buy

Contact Add

Liberty Electronics Ltd.

590 CMT8 Street, Ward 11, District 3, Ho Chi Minh city.



Sign up for our newsletter

Subscribe

Hotline: 210.820.03

Address: 590 CMT8, Ward 11, District 3, Ho Chi Minh City.

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V. Product

New Products



Featured Products



Fridge Samsung 380 liters RT38K5982B55V

[Compare](#)

[Buy](#)



Television LG 4K 85 inch B6QNE09ITPA

[Compare](#)

[Buy](#)



Washing Machine LG 9 KG FMT209NEW

[Compare](#)

[Buy](#)

Best Seller



Washing machine LG 9kg FMT209NEW

[Compare](#)

[Buy](#)



Fridge LG Inverter 494 liter GR-D22MB

[Compare](#)

[Buy](#)

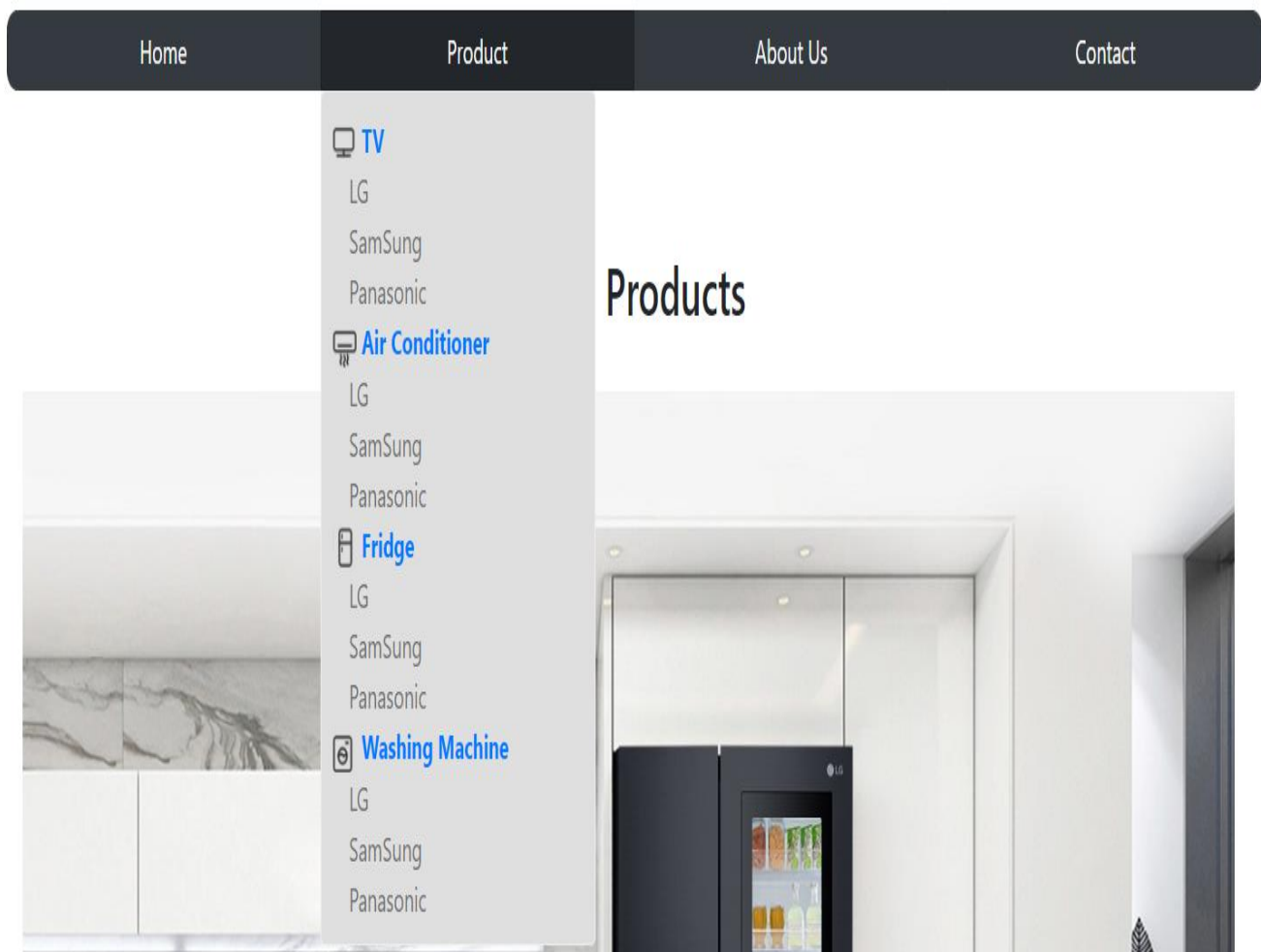


Washing machine LG 8.5kg FV1408G4W

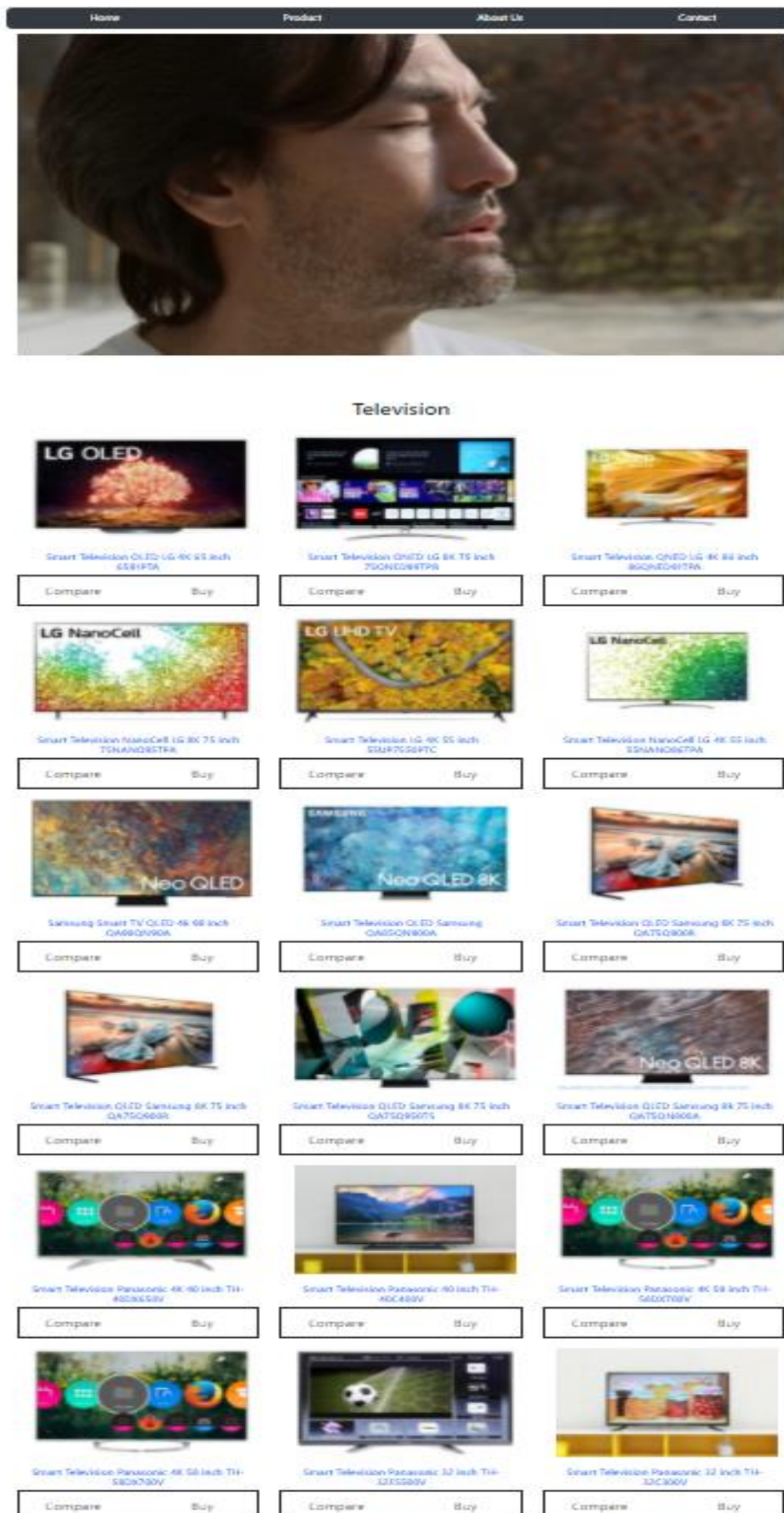
[Compare](#)

[Buy](#)

VI. Hover Product



VII. View all Product

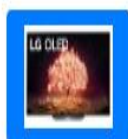


VIII. View Detail

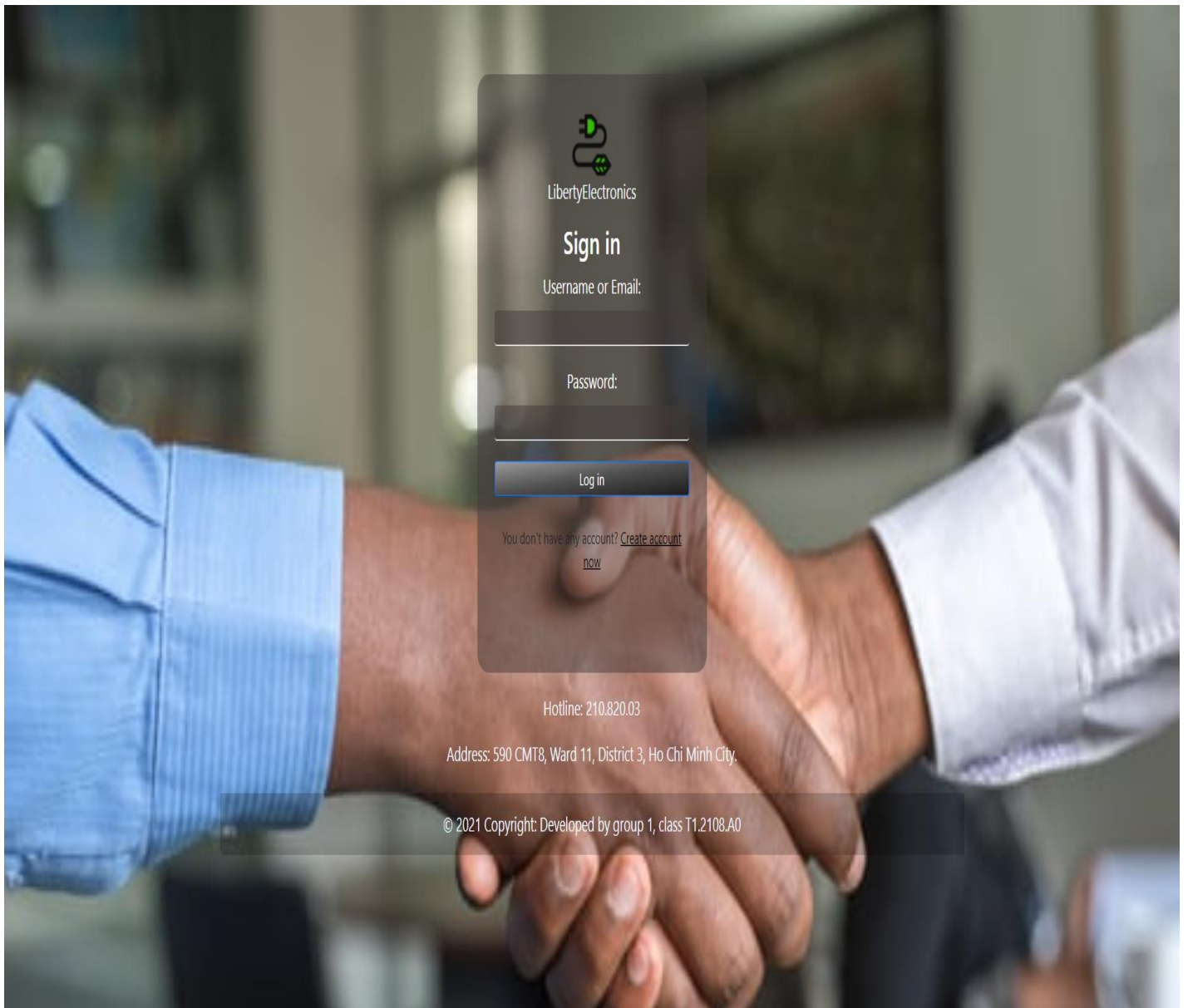
[Home](#)[Product](#)[About Us](#)[Contact](#)

Smart Television OLED LG 4K
65 inch 65B1PTA

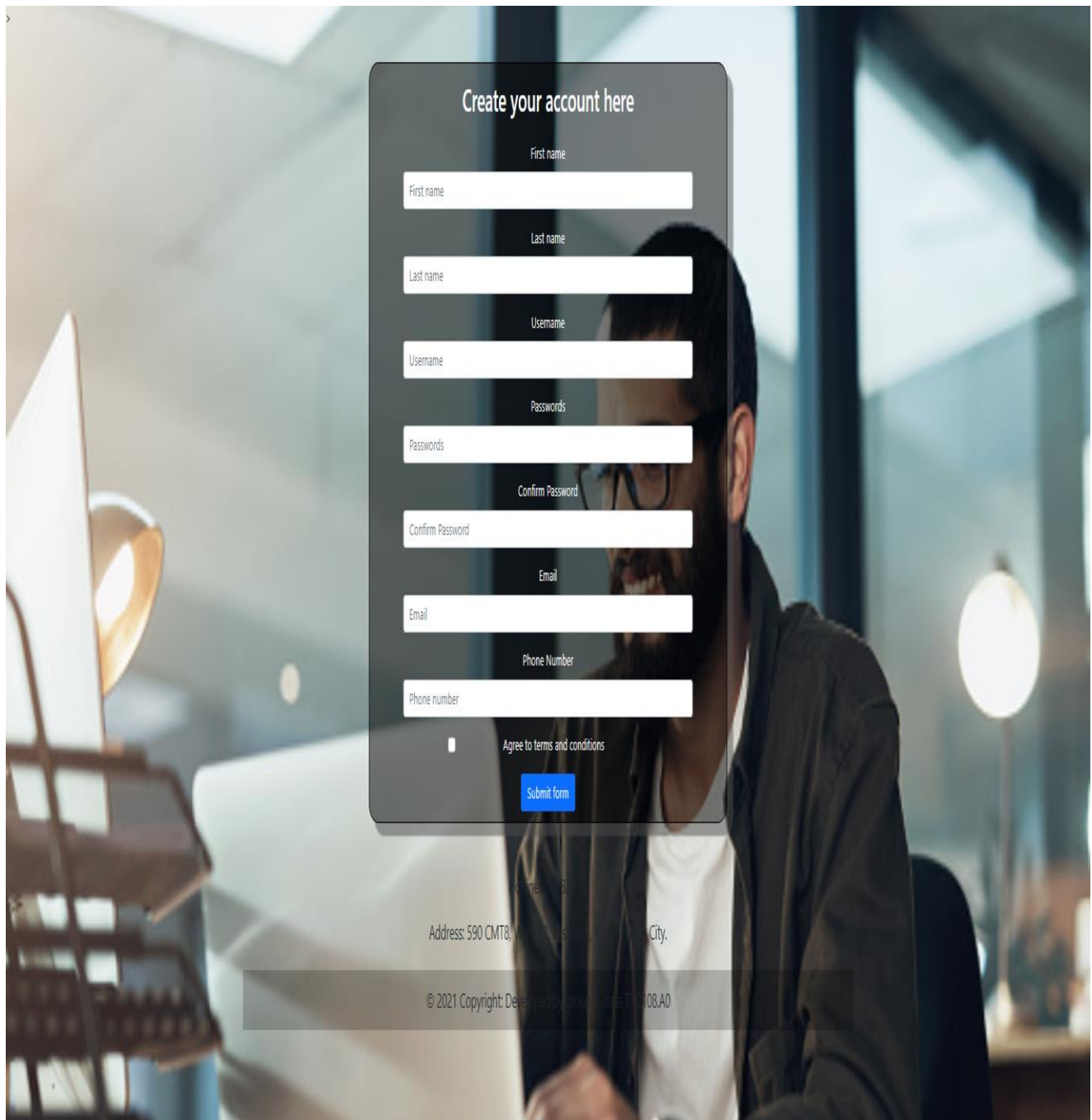
Price: \$871498

[Add to cart](#)[Compare](#)[Add review](#)

IX. Login



X. Sign Up



The background image shows a man with a beard and glasses, wearing a dark jacket over a white shirt, sitting at a desk and working on a laptop. The office environment is modern with large windows and a desk lamp.

Create your account here

First name

Last name

Username

Passwords

Confirm Password

Email

Phone Number

☐ Agree to terms and conditions

[Submit form](#)

Phone: +359 88 123 456 789

Address: 590 CMT8, Vn, Hanoi, Vietnam, 100000 City.


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XI. Check Out


[Home](#)[Product](#)[About Us](#)[Contact](#)

Check Out


Payment address

 Full Name


Please fill out this field.

 Phone number

Please fill out this field.

 City





Please fill out this field.

 Address

Please fill out this field.

Payment method

Select Cards



Credit card number

Please fill out this field.

Exp Month

Please fill out this field.

Exp Year

Please fill out this field.

CVV

Please fill out this field.

Customer notes

Send order

XII. Compare

Next Info update in Dec 7th, 2021.

X

	Smart Television OLED LG 4K 65 inch 65B1PTA	Smart Television ONED LG 8K 75 inch 75QNED99TPB	Smart Television QNED LG 4K 86 inch 86QNED91TPA	Smart Television NanoCell LG 8K 75 inch 75NANO95TPA	Smart Television LG 4K 55 inch 55UP7550PTC	Smart Television NanoCell LG 4K 55 inch 55NANO86TPA	Samsung Smart TV QLED 4k 98 inch QA98QN90A	Smart Television QLED Samsung QA85QN900A
LABEL	LG	LG	LG	LG	LG	LG	SamSung	SamSung
Size	65 inch	75 inch	86 inch	75 inch	55 inch	55 inch	98 inch	65 inch
Relase Year	2021	2021	2021	2021	2021	2021	2021	2021
Price	\$871498	\$444250	\$444250	\$496566	\$470408	\$102452	\$871498	\$195749

Close

Smart Television OLED LG 4K 65 inch
65B1PTA

Smart Television ONED LG 8K 75 inch
75QNED99TPB

Smart Television QNED LG 4K 86 inch
86QNED91TPA

Compare

Buy

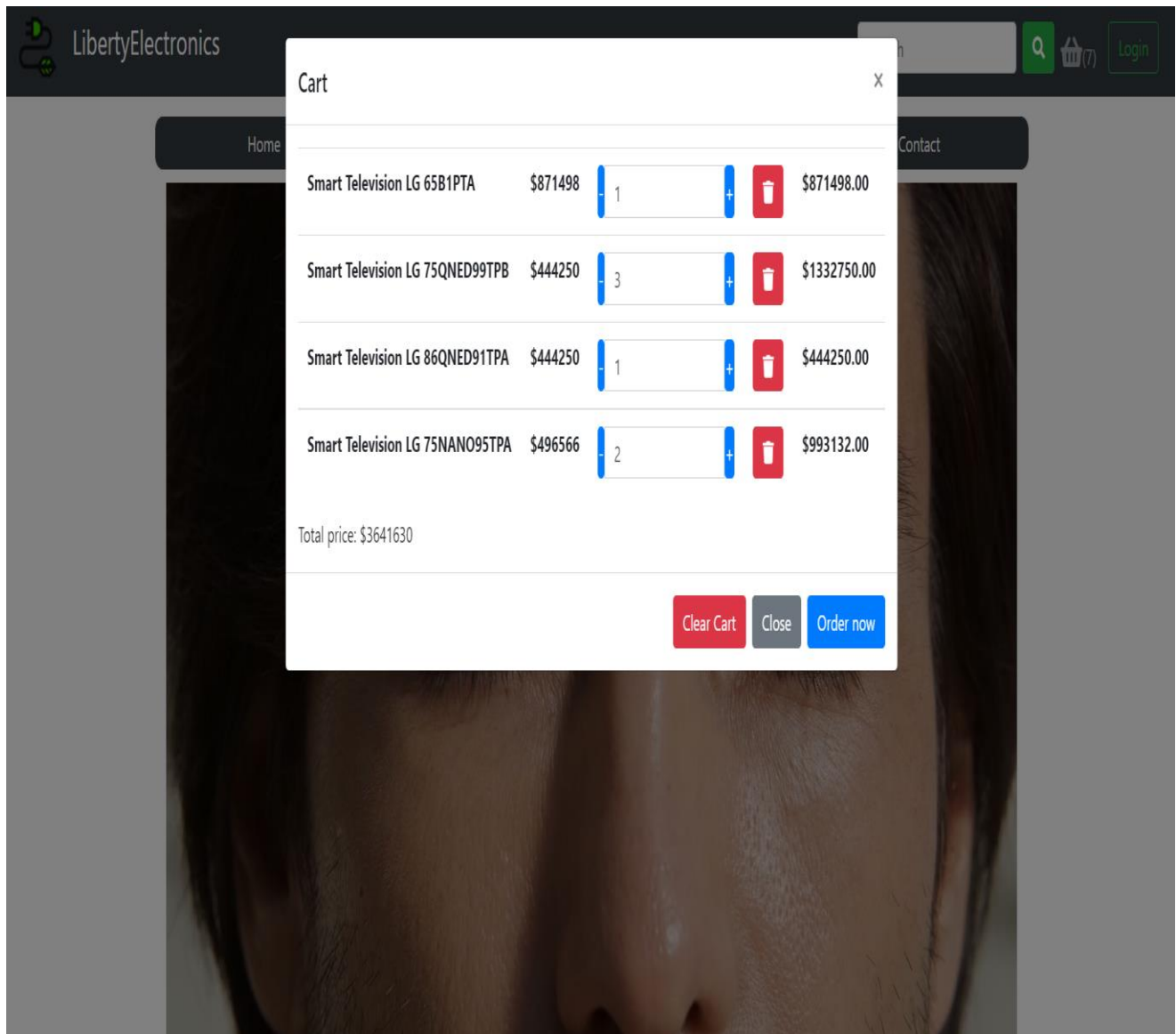
Compare

Buy

Compare

Buy

XIII. Shopping Cart



XIV. Task Sheet:

Project Ref No.	Project Title – Ask Me Mobile	Activity Plan Prepared by	Date of preparation of Activity Plan			
Task			Actual Start Date	Actual Days	Teammate Names	Status
Brainstorming ideas for layouts and Project Object		Thịnh, Dung, Trọng	09/11/2021	1 days	Thịnh, Dung, Trọng	Completed
Draw site maps and architecture design		Thịnh, Dung, Trọng	07/11/2021	1 days	Thịnh, Dung, Trọng	Completed
Wire framing general page layout		Thịnh	07/11/2021	4 days	Thịnh	Completed
Collect static assets (pictures, mp4, documentation,...)		Thịnh, Dung, Trọng	09/11/2021	3 days	Thịnh, Dung, Trọng	Completed
Design & Build Home Page		Thịnh	11/11/2021	8 days	Thịnh	Completed
Design & Build Contact Page		Trọng	09/11/2021	2 days	Trọng	Completed
Design & Build About Us Page		Dung	07/11/2021	4 days	Dung	Completed
Design & Build Footer Session		Thịnh	11/11/2021	2 days	Thịnh	Completed
Design & Build Product		Thịnh	09/11/2021	3 days	Thịnh	Completed
Design & Build Login		Dung	07/11/2021	8 days	Dung	Completed
Design & Build Sign Up		Dung	11/11/2021	3 days	Dung	Completed
Design & Build Check Out		Trọng	11/11/2021	3 days	Trọng	Completed
Design & Build View Detail		Thịnh	07/11/2021	5 days	Thịnh	Completed
Design & Build Compare		Thịnh	11/11/2021	1 days	Thịnh	Completed
Design & Build Shopping Cart		Trọng, Thịnh	07/11/2021	2 days	Trọng, Thịnh	Completed
Write project report		Trọng	09/11/2021	1 days	Trọng	Completed

Testing document

Sr.No	Features Tested	Remarks
1	Are all the users able to view the images and links?	OK
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	OK
3	Are the GUI content devoid of spelling mistakes?	OK
4	Is the application user-friendly?	OK
5	Is the Website launching correctly in all popular browsers?	OK
6	Are all the forms validated with proper criteria?	OK
7	Do all text links lead to the appropriate website?	OK
8	Do all image links lead to the appropriate website?	OK
9	Are all the images and links clearly visible on the page?	OK
10	Does the Web page work properly in all the tested browsers?	OK
11	Does the Web page take too long to be loaded fully?	OK
12	Is the navigation sequences correct through all the Web pages on the site?	OK
13	Is the JavaScript code working as expected in all click events?	OK

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	PHAM THI LANH
Signature		
Date		

Design Plan:	Document Name: Final checklist	SWD/Form No.07/FC/Ver1.0
Liberty Electronics Limited		
Effective Date: 06-12-2021	Version 1.0	Page No: 10 of 23

Final checklist

Sr.No	Aspected Tested	Suggestion/ Remarks
1	Are all the users able to view the images and links?	OK
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	OK
3	Are the GUI content devoid of spelling mistakes?	OK
4	Is the application user-friendly?	OK
5	Is the Website launching correctly in all popular browsers?	OK
6	Are all the forms validated with proper criteria?	OK
7	Do all text links lead to the appropriate website?	OK
8	Do all image links lead to the appropriate website?	OK
9	Are all the images and links clearly visible on the page?	OK
10	Does the Web page work properly in all the tested browsers?	OK
11	Does the Web page take too long to be loaded fully?	OK
12	Is the navigation sequences correct through all the Web pages on the site?	OK
13	Is the JavaScript code working as expected in all click events?	OK

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

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