FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

COZY AIRCONDITIONERS

Supervisor: *LÊ THANH NHÂN*

Semester: *01*

Batch No: *T5.2306.E1*

Group No: *05*

Order:	**Full name**	**Roll No.**
1.	*Nguyễn Hoàng Thái*	*Student1479454*
2.	*Lê Đức Anh*	*Student1477156*
3.	*Nguyễn Văn Bền*	*Student1479448*

***Month**: 09 **Year**: 2023*

This is to certify that

Mr. **NGUYEN HOANG THAI**

Mr. **LE DUC ANH**

Mr. **NGUYEN VAN BEN**

Have successfully Designed & Developed

COZY AIRCONDITIONERS

Submitted by:

Mr. LE THANH NHAN

Date Of Issue:

Authorized Signature:

Content

Content

Acknowledge

Synopsis

Review1 (5 pages)

Review2 (2 pages)

Review3 (5 pages)

Testing Document (1 pages)

Final Checklist (1 pages)

Task Sheet (1 pages)

Acknowledge

As we understand that the eProject is a step-by- step learning environment that closely simulates the class-room 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 the 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 you to our professor and other students for the adorable support during the time in the project.

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

We also thank you so much for your information 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 anything as much as we can to be more successful in the future.

Your Sincerely,

Team Group 5.

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 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.

Problem Definition

COSY AIRCONDITIONERS is selling various types of AIR CONDITIONERS. 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.

You are supposed to create a website for them with the below mentioned requirement specifications. 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.

Describe more content, introduce the document, and state the problem of the problem.

1. The Home Page should be created making use of Sections with a suitable logo.
2. Home Page should contain details of Air Conditioners with suitable images.
3. The site should display a menu which will contain the options for brief introduction about the various air conditioners available, location of the shop and any other information if required.
4. The information should be categorized according to the brand names of the products like if a User wants to see only “WHIRLPOOL” products or any other companies products then he/she can click on a Link/button/menu etc and can

see only that Brand products.

5. When a user selects any particular brand, a list of products for that brand will be displayed

6. 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.

7. The user should also be able to compare the various products of different as well as similar brands.

8. 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).

Describe functions specific to each object such as users/members, website administrators, etc.

Customer Requirements Specifications

Describe the points in the data processing cycle for each user.

User:

Input:

- Brand selection
- Product selection
- Product comments
- Enter account or login data account

Process:

- Search keyword
- Downloads data of product
- Checks the validity of data.

Output:

- Displays data about the product the user is looking for

Webmaster:

Input:

- Product data
- Communications
- Email, Geolocation

Process:

- Remembering and processing data selected by customers

Output:

- Product data
- Communications
- Email, Geolocation

Hardware / software requirement:

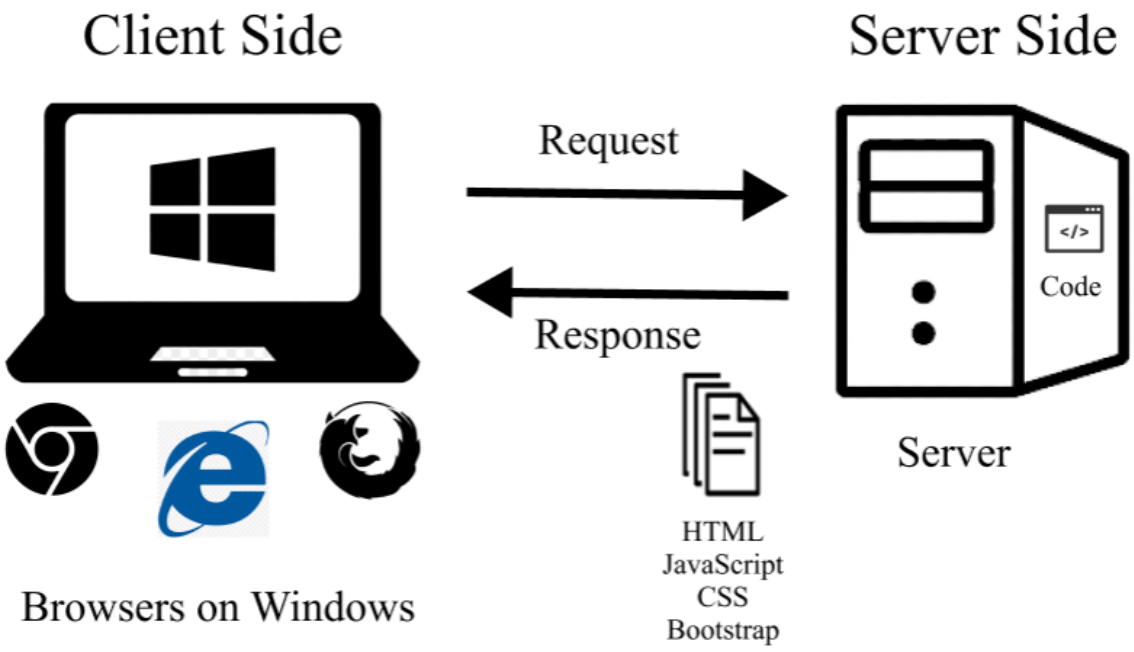
Software:

- Notepad/HTML editor/CoffeeCup
- Angular / Angular JS / React / BootStrap
- Dreamweaver / Figma
- MS IE / Chrome / FireFox / Netscape /MS Edge

Hardware:

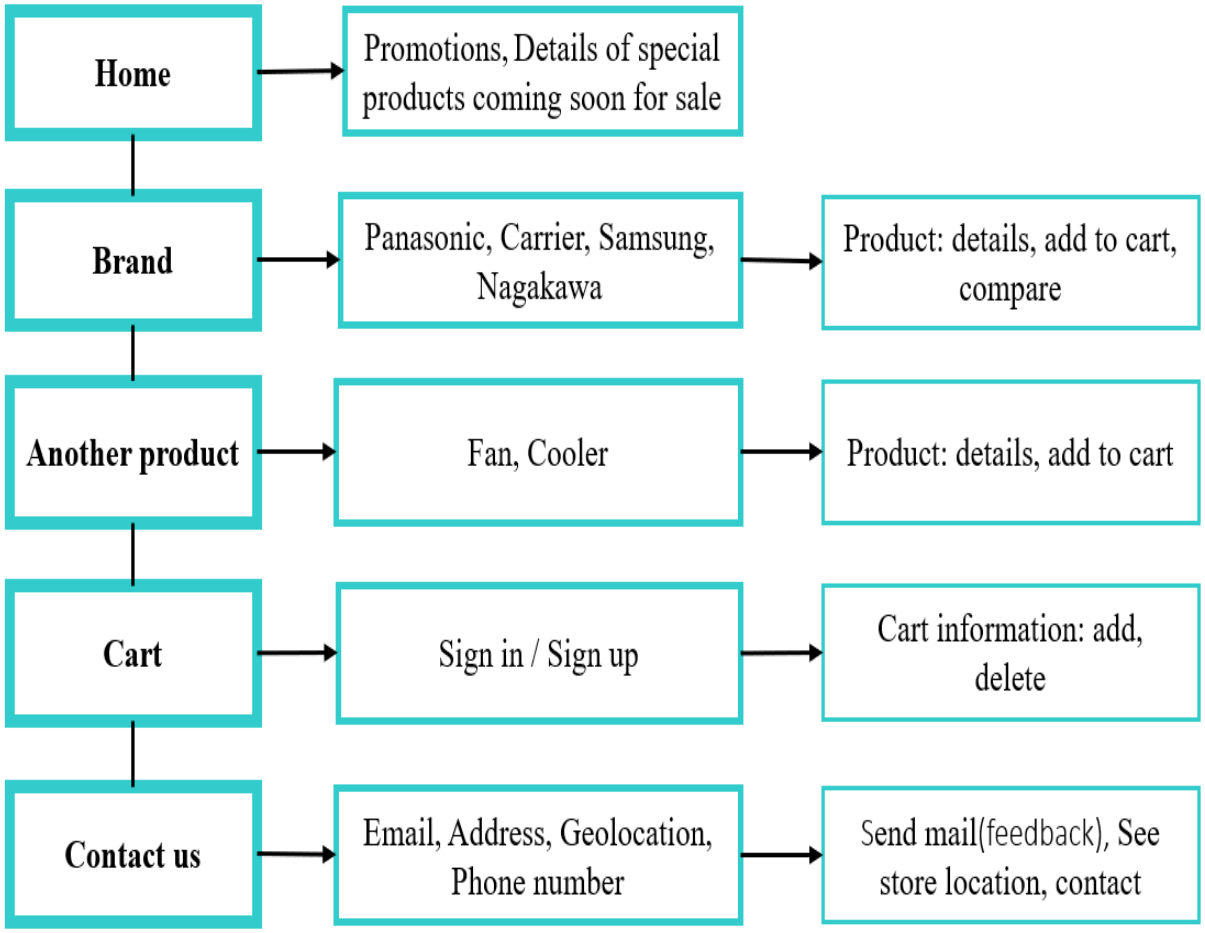
- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
- 64 Megabytes of RAM or better

Architecture and design of the project



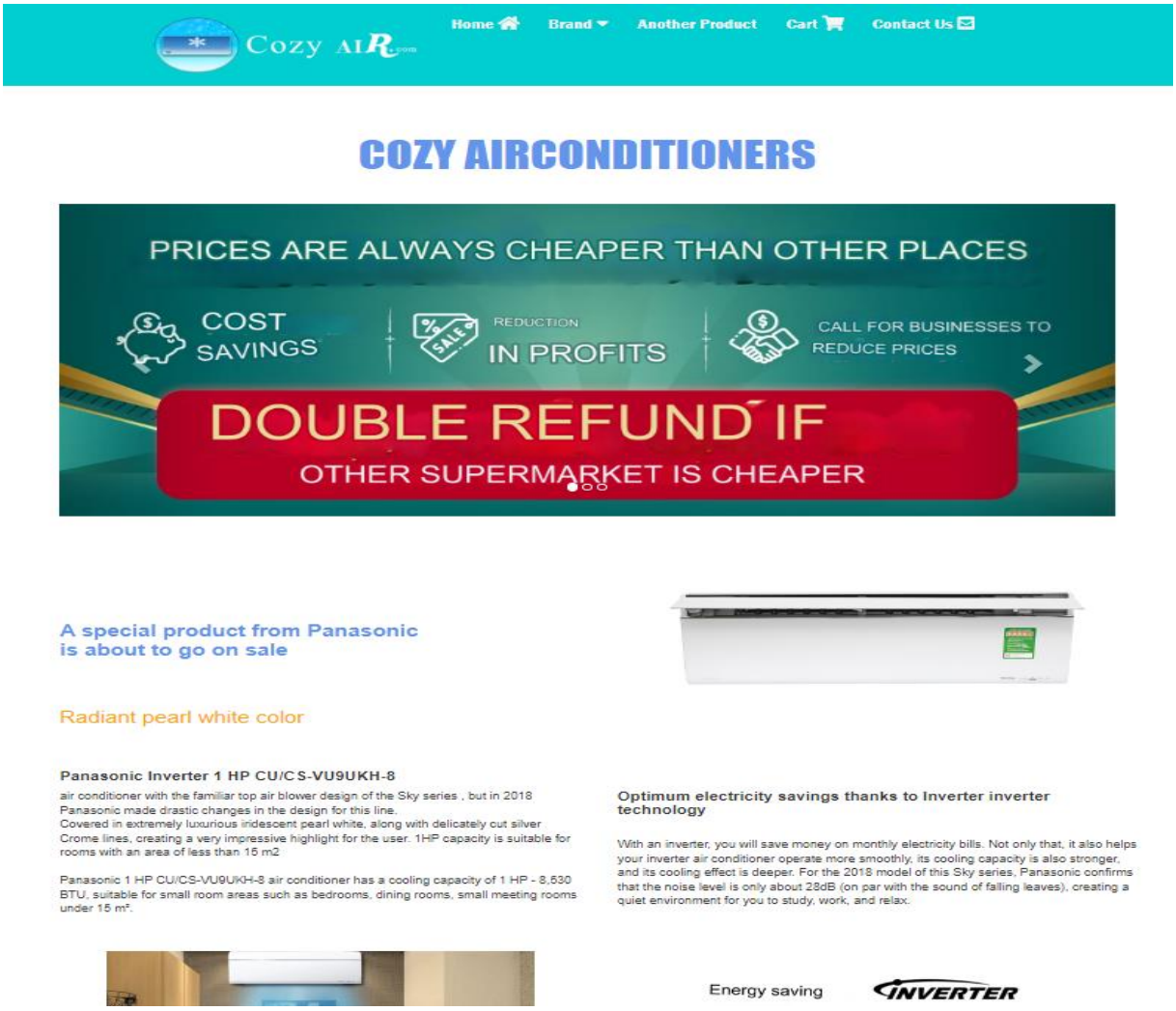
SiteMap

This section describes the layout of the web pages within the website.



Screen shots

I. Home page:



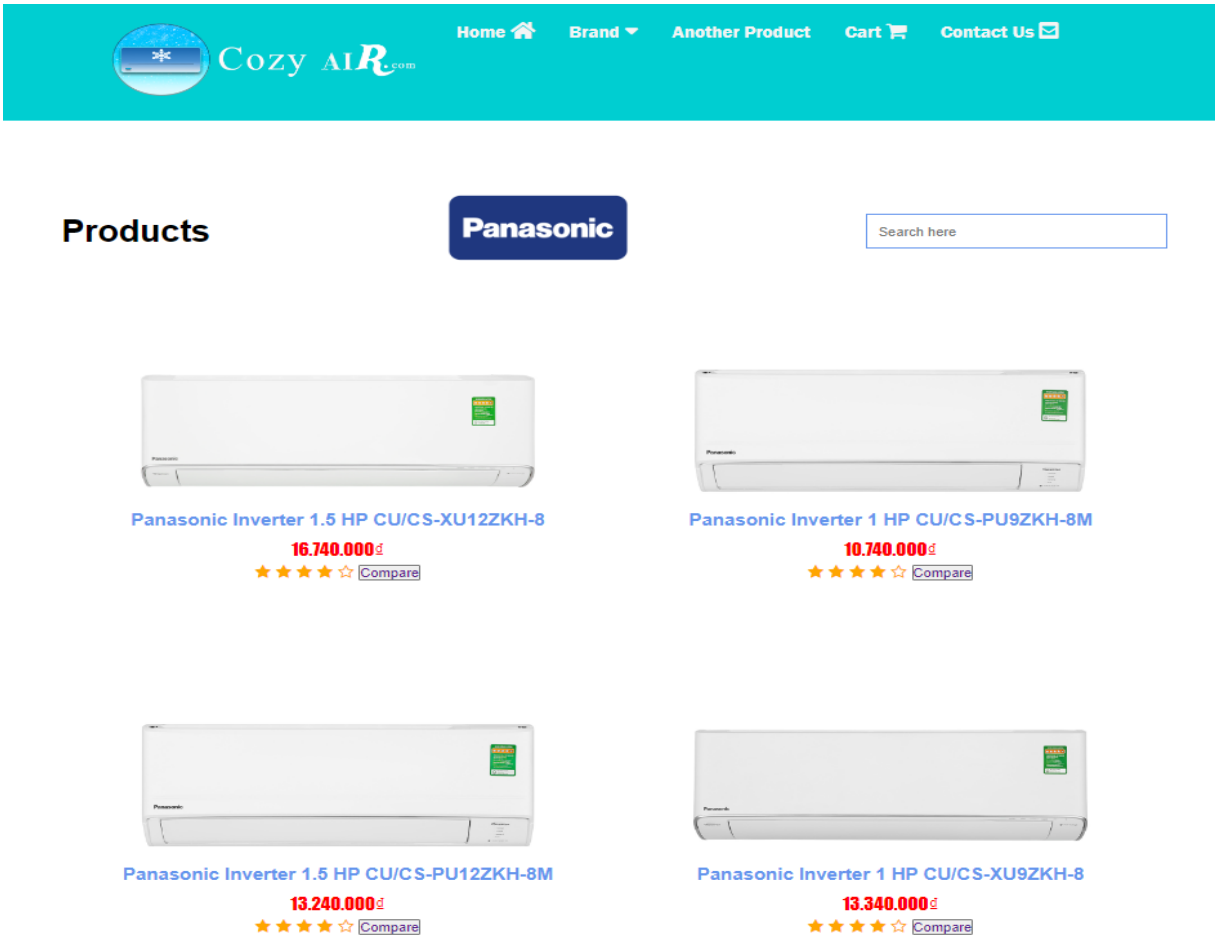
Description : The screen is the home page of COZY AIRCONDITIONERS' air conditioner sales website.

From : Home page.

To : Brand, Another product, Cart, Contact us, search product.

II. Brand:

1. Panasonic

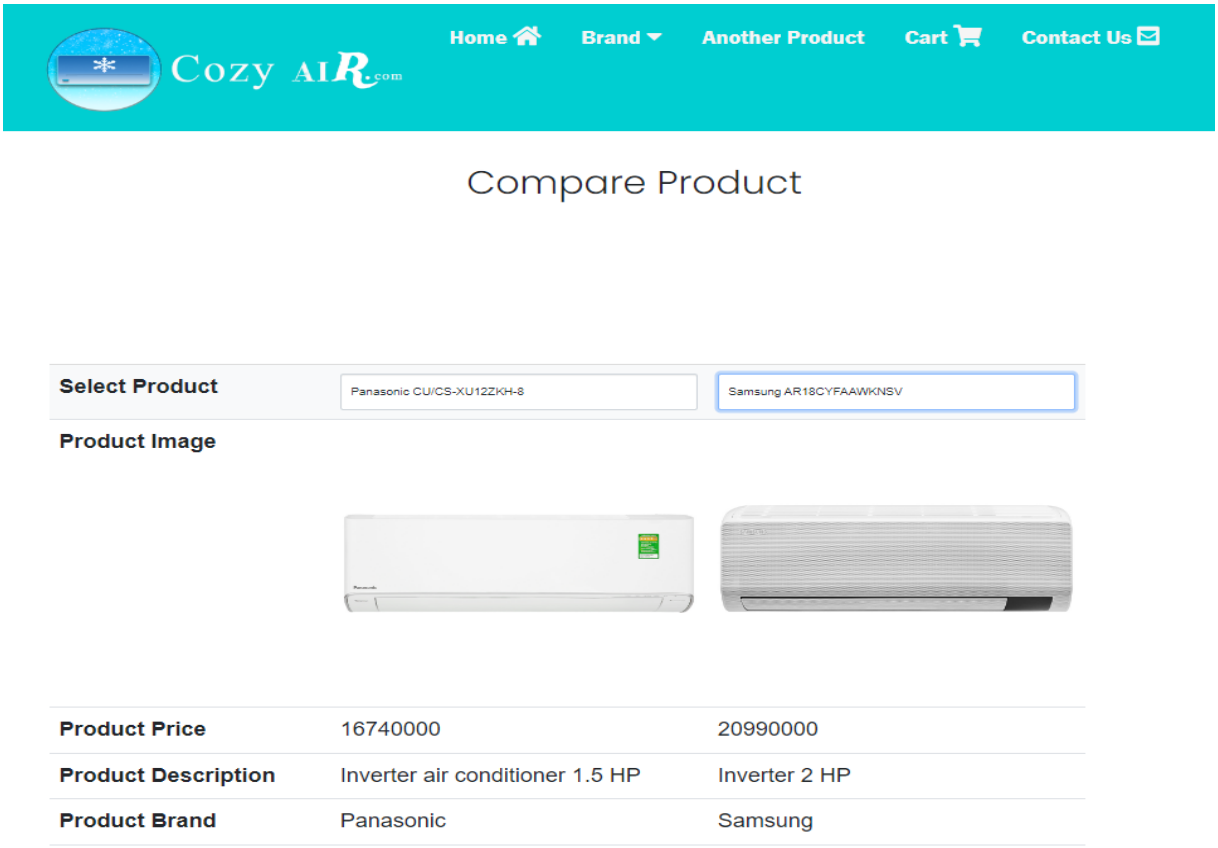


Description : Viewing product details.

From : Brand.

To : Home, another brand, Another product, Cart, Contact us, search product.

III. Compare products (Feature):

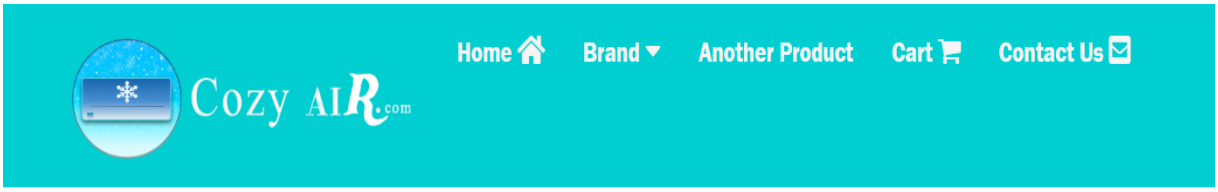


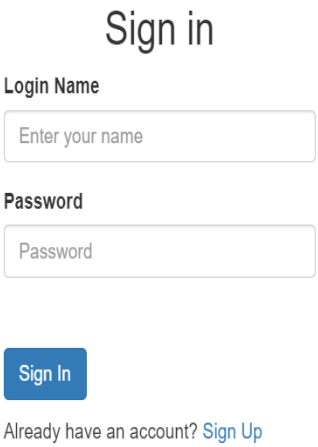
Description : Compare 2 products.

From : Brand page.

To : Home, Another(display similar to the brand page), Cart, Contact us, search product.

IV. Cart:





Description : Viewing cart, users must log in or register to add products to the cart and review the cart

From : Cart page.

To : Home, Brand, Another Product, Contact us.

V. Contact Us:

Address:

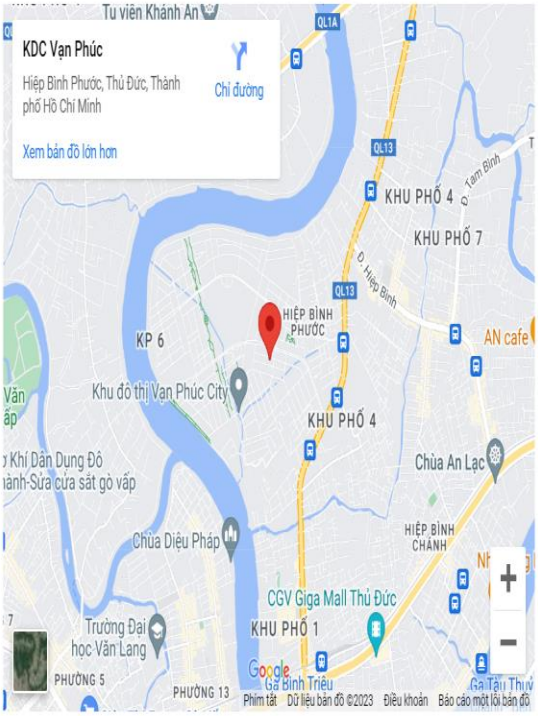
62 Street No. 07, Van Phuc Urban Area, Hiep Binh Phuoc Ward, City. Thu Duc, City. HCM

Number Phone:

0123456789

Email:

cozyairconditioners@gmail.com



Description : View address information, contact, send messages or suggestions to COZY AIRCONDITIONERS.

From : Contact Us page.

To : Home, Brand, Another Product, Cart.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 05	**Le Thanh Nhan**
Signature		
Date		

Testing document

Sr.No	Features Tested	Remarks
1	**Full Name:** cannot be left blank, only words can be used.	
2	**Password:** cannot be left blank, must be created in letters, have at least one capital letter, and a number.	
3	**Phone number:** cannot be left blank, only numbers can be used, from 9 to 12 numbers.	
4	**Gender:** cannot be left blank, choose male or female.	
5	**Email:** abc123@abc.com.vn	
6	**Address:** cannot be left blank, use only letters and numbers.	
7	**Country:** cannot be left blank.	
8		
9		

Final checklist

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

	Prepared by (Student)	**Approved by (Faculty)**
	Project Group No: 05	**Le Thanh Nhan**
Signature		
Date		

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planed Start Date	Actual Start Date	Actual Days	Status
1	Nguyễn Hoàng Thái	Home	Home.html	09-09-2023	09-10-2023	30	OK
2		Brand, Product	Brand.html	09-09-2023	09-10-2023	30	OK
1	Lê Đức Anh	Another product	Another product.html	09-09-2023	09-10-2023	30	OK
2		Geolocation, email	Contact us.html	09-09-2023	09-10-2023	30	OK
1	Nguyễn Văn Bền	Sign up, Sign in	Cart.html	09-09-2023	09-10-2023	30	OK
2		Cart, Compare	Compare.html	09-09-2023	09-10-2023	30	OK

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 05	**Le Thanh Nhan**
Signature		
Date		