

COZY AIRCONDITIONERS

Supervisor: *LÊ THANH NHÂN*

Semester: *01*

Batch No: *T5.2306.E1*

Group No: *05*

Order:	Full name	Roll No.
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<i>2.</i>	<i>Lê Đức Anh</i>	<i>Student1477156</i>
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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. ladder 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.

Design Plan: Cozy Airconditioners	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Effective Date: 09-09-2023	Version 1.0	Page No: 1 of 20

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

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Design Plan: Cozy Airconditioners	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
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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.

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Design Plan: Cozy Airconditioners	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 09-09-2023	Version 1.0	Page No: 3 of 20

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

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Design Plan: Cozy Airconditioners	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
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Webmaster:

Input:

- Product data
- Communications
- Email, Geolocation

Process:

- Remembering and processing data selected by customers

Output:

- Product data
- Communications
- Email, Geolocation

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Design Plan: Cozy Airconditioners	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
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Hardware / software requirement:

Software:

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

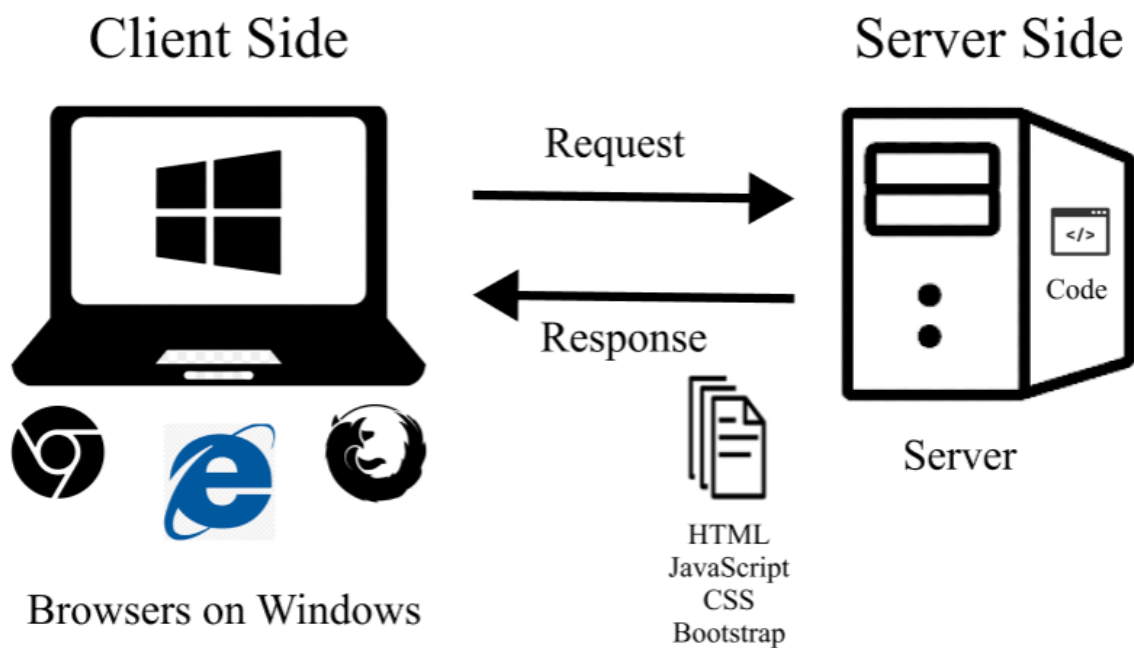
Hardware:

- 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

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Design Plan: Cozy Airconditioners	Document Name: Architecture and design of the project	SWD/Form No.03/ARD/Ver1.0
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Architecture and design of the project

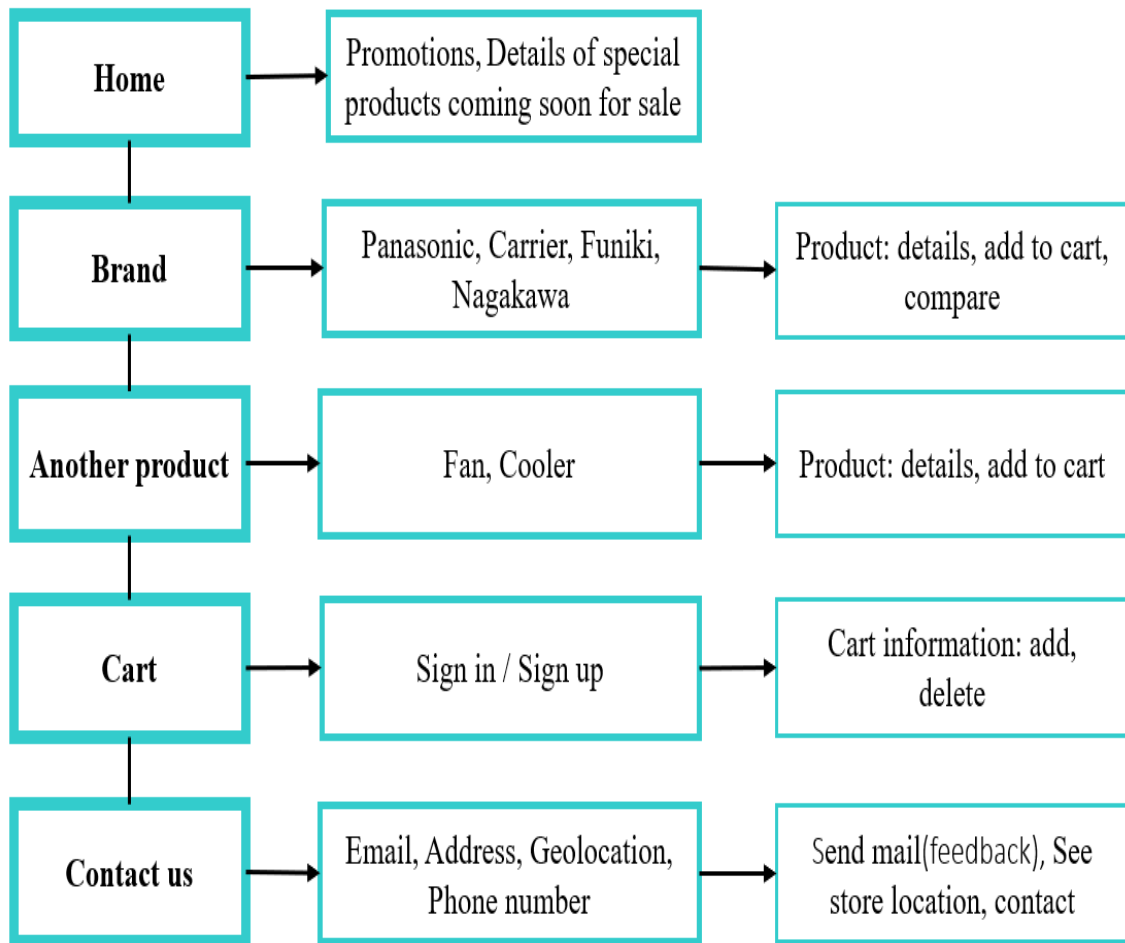


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Design Plan: Cozy Airconditioners	Document Name: SiteMap	SWD/Form No.05/SS/Ver1.0
Effective Date: 09-09-2023	Version 1.0	Page No: 7 of 20

SiteMap

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



Design Plan: Cozy Airconditioners	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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Screen shots

I. Home page:

COZY AIRCONDITIONERS

PRICES ARE ALWAYS CHEAPER THAN OTHER PLACES

COST SAVINGS | REDUCTION IN PROFITS | CALL FOR BUSINESSES TO REDUCE PRICES

DOUBLE REFUND IF
OTHER SUPERMARKET IS CHEAPER

A special product from Panasonic is about to go on sale

Radiant pearl white color

Panasonic Inverter 1 HP CU/CS-VU9UKH-8
air conditioner with the familiar top air blower design of the Sky series , but in 2018 Panasonic made drastic changes in the design for this line. Covered in extremely luxurious iridescent pearl white, along with delicately cut silver Chrome lines, creating a very impressive highlight for the user. 1HP capacity is suitable for rooms with an area of less than 15 m².

Panasonic 1 HP CU/CS-VU9UKH-8 air conditioner has a cooling capacity of 1 HP - 8,530 BTU, suitable for small room areas such as bedrooms, dining rooms, small meeting rooms under 15 m².

Optimum electricity savings thanks to Inverter technology

With an inverter, you will save money on monthly electricity bills. Not only that, it also helps your inverter air conditioner operate more smoothly, its cooling capacity is also stronger, and its cooling effect is deeper. For the 2018 model of this Sky series, Panasonic confirms that the noise level is only about 28dB (on par with the sound of falling leaves), creating a quiet environment for you to study, work, and relax.

Energy saving **INVERTER**

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.

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Design Plan: Cozy Airconditioners	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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II. Brand:

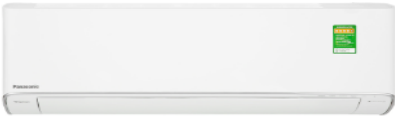
1. Panasonic


Cozy AIR.com

[Home](#)
[Brand](#)
[Another Product](#)
[Cart](#)
[Contact Us](#)

Products

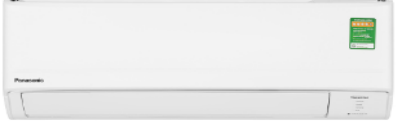
Panasonic



Panasonic Inverter 1.5 HP CU/CS-XU12ZKH-8

16.740.000đ

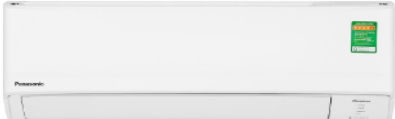
★★★★☆ [Compare](#)



Panasonic Inverter 1 HP CU/CS-PU9ZKH-8M

10.740.000đ

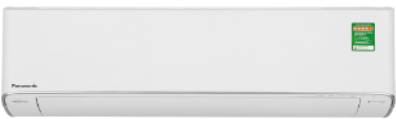
★★★★☆ [Compare](#)



Panasonic Inverter 1.5 HP CU/CS-PU12ZKH-8M

13.240.000đ

★★★★☆ [Compare](#)



Panasonic Inverter 1 HP CU/CS-XU9ZKH-8

13.340.000đ

★★★★☆ [Compare](#)

Description : Viewing product details.


From : Brand.

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

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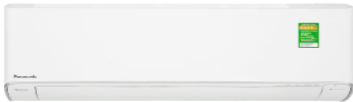

III. Compare products (Feature):


[Home](#)
[Brand](#)
[Another Product](#)
[Cart](#)
[Contact Us](#)

Compare Product

Select Product

Product Image

Product Price	16740000	20990000
Product Description	Inverter air conditioner 1.5 HP	Inverter 2 HP
Product Brand	Panasonic	Samsung

Description : Compare 2 products.

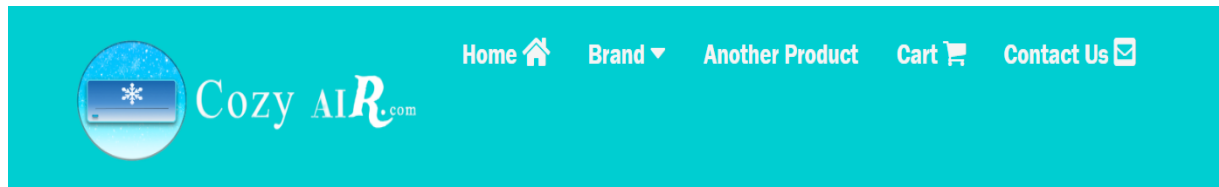
From : Brand page.

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

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Design Plan: Cozy Airconditioners	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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IV. Cart:



Sign in

Login Name

Password

Already have an account? [Sign Up](#)

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

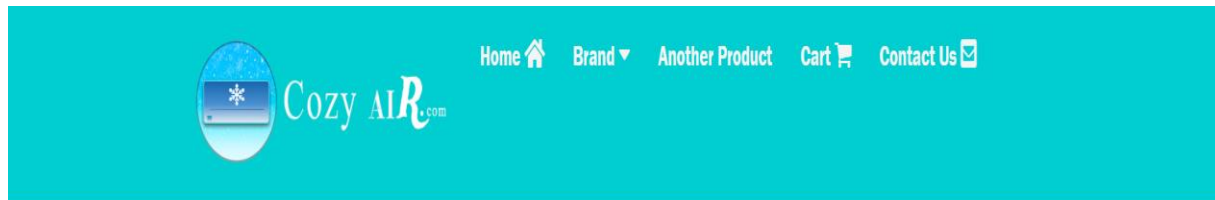
From : Cart page.

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

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Design Plan: Cozy Airconditioners	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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V. Contact Us:



Address:

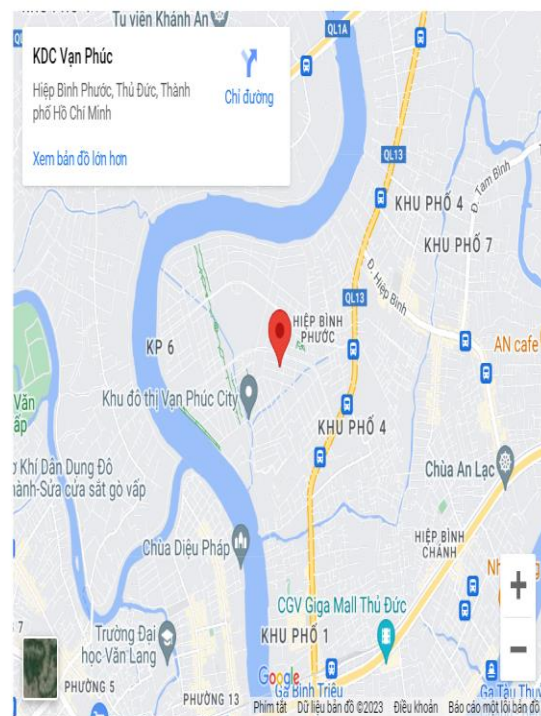
62 Street No. 07, Van Phuc Urban Area, Hiep Binh Phuoc Ward, City. Thu Duc, City. HCM

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.

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Date		

Design Plan: Cozy Airconditioners	Document Name: Testing document	SWD/Form No.06/TD/Ver1.0
Effective Date: 09-09-2023	Version 1.0	Page No: 13 of 20

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		

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Design Plan: Cozy Airconditioners	Document Name: Final checklist	SWD/Form No.07/FC/Ver1.0
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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?	

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Design Plan: Cozy Airconditioners	Document Name: Task Sheet	SWD/Form No.08/TS/Ver2.0
Effective Date: 09-09-2023	Version 1.0	Page No: 15 of 20

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

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	Project Group No: 05	Le Thanh Nhan
Signature		
Date		