

# Smart Store

**Supervisor:** *LÊ THANH NHÂN*

**Semester:** *1*

**Batch No:** *T1.2004.M1*

**Group No:** *5*

Order:	Full name	Roll No.
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*Month: 7 Year: 2020*

This is to certify that

**Mr. NGUYEN KHANH KHOI NGUYEN**

**Mr. NGUYEN HOANG PHU**

**Mr. TRUONG HO TIEN**

Have successfully Designed & Developed

**SMART STORE**

Submitted by:

**Mr. LE THANH NHAN**

Date of Issue:

Authorized Signature:

## **Table of Contents**

Project Acknowledge.....	4
Project Objectives .....	4
Synopsis .....	5
Problem Definition .....	6
Customer Requirement Specifications .....	8
Architecture and design of the project.....	10
Site Map.....	11
Screen Shots .....	12
Testing Document.....	18
Final Checklist.....	19
Task Sheet.....	20

## **Project Acknowledge**

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.

## **Project Objectives**

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 HTML/JavaScript/Dreamweaver/HTML5 but to provide you with a real-life scenario and help you create basic applications using the tools.

You can revise the chapters 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.

It is very essential that a student has a clear understanding of the subject. Students should go through the project and solve the assignments as per requirements given.

Kindly get back to eProjects Team in case of any doubts regarding the application or its objectives.

### **Synopsis**

Incorporating storage into a home is very much necessary. Staying organized is not easy, and allowing a buyer to understand the value of efficient storage solutions can make the difference between a haphazard home and an orderly masterpiece.

“Smart Store” is a company selling wardrobe and other home storage products specially space savers. They sell variety of products suiting every requirement and various sizes and qualities.

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.

<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 6/21

### **Problem Definition:**

“Smart Store” is a company selling wardrobe and other home storage products specially space savers. They sell variety of products suiting every requirement and various sizes and qualities.

A website is supposed to be created with the below mentioned requirement specific 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.

### **Functional Descriptions**

1/ The Home Page should be created making use of Sections with a suitable logo, the header section can be added which will show images of various storage solution product images.

2/ The site must contain the links to navigate through any category for the information.

3/ 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.

4/ The information should be categorized according to the brand names of the products like if a User wants to see only “star” products or any other company 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

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

<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 7/21

6/ A brief summary of features of the products should be displayed on the Web Page along with the picture 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 should be displayed using GeoLocation API (eg. GoogleMaps) and the email address which when clicked will invoke the local mail client from where they can send an email.

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<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Customer Requirement Specifications	<b>SWD/Form</b> No.02/CRS/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 8/21

### **Customer Requirement Specifications**

Customer: Smart Store

Project Objective:

- Design a helpful website which provide clients with necessary information about Smart Store, as well as the products.

**Webmasters:**

Input:

- Provide brief information of the products: prices, sizes, brands...
- List out store's locations. - Create a way for clients to compare a product with the other ones
- Show detailed information of each product to the customers.
- Provide clients with methods to contact and contribute feedbacks. Output:
- Display list of products with brief information about their prices, sizes, brands...
- Display stores' addresses, phone-numbers, emails, and location on Google Map.
- Create a link for each product for customers to download to learn about a product's details
- Allow customers to click 2 or more products to compare them
- Create a page for customers to provide feedbacks

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<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 9/21

**Users:**

Input:

- Provide webmasters with feedbacks to improve the website.

Output:

- Succeed in providing webmasters with feedbacks.
- Learn more about the products and their brief summary.
- Know how to contact the company through its address, email, and phone numbers.
- Know about the stores' locations.

**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

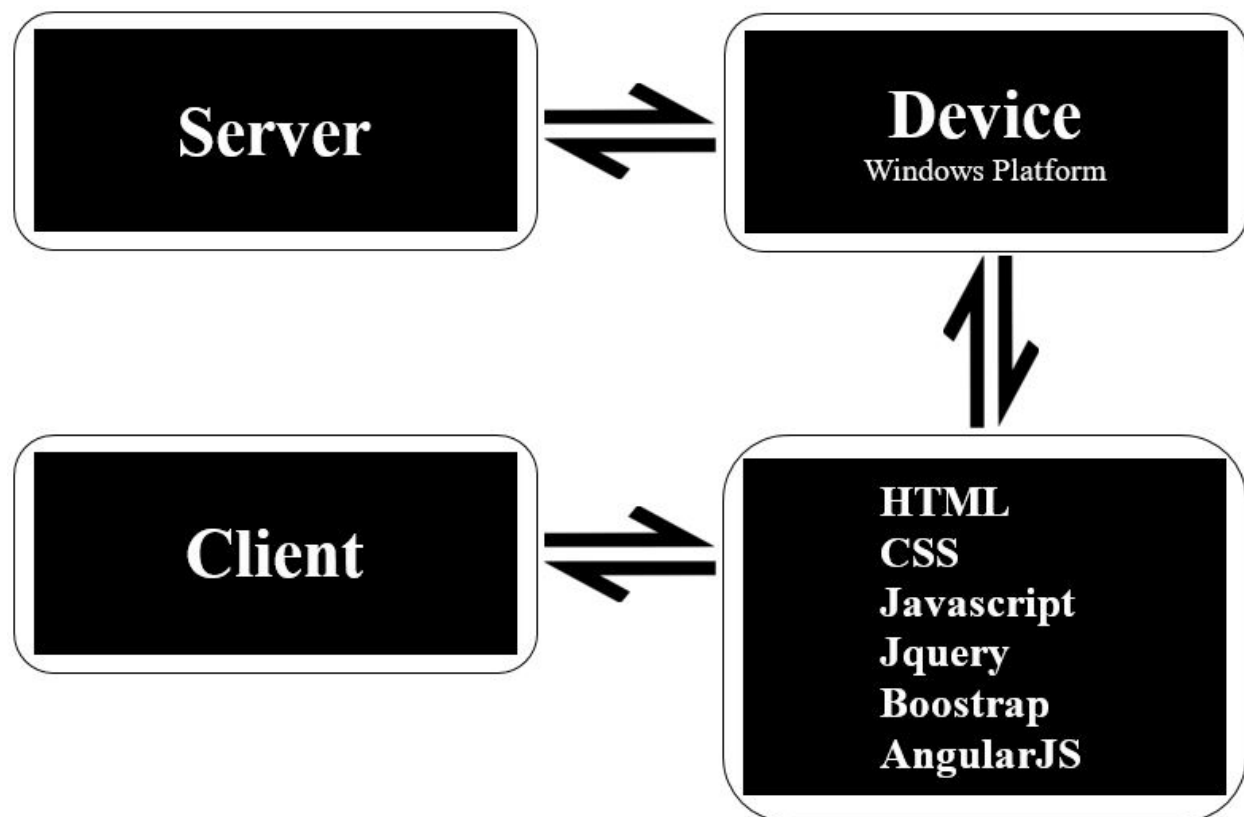
Software:

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

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<b>Date</b>		

<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Architecture and design of the project	<b>SWD/Form</b> No.03/ARD/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 10/21

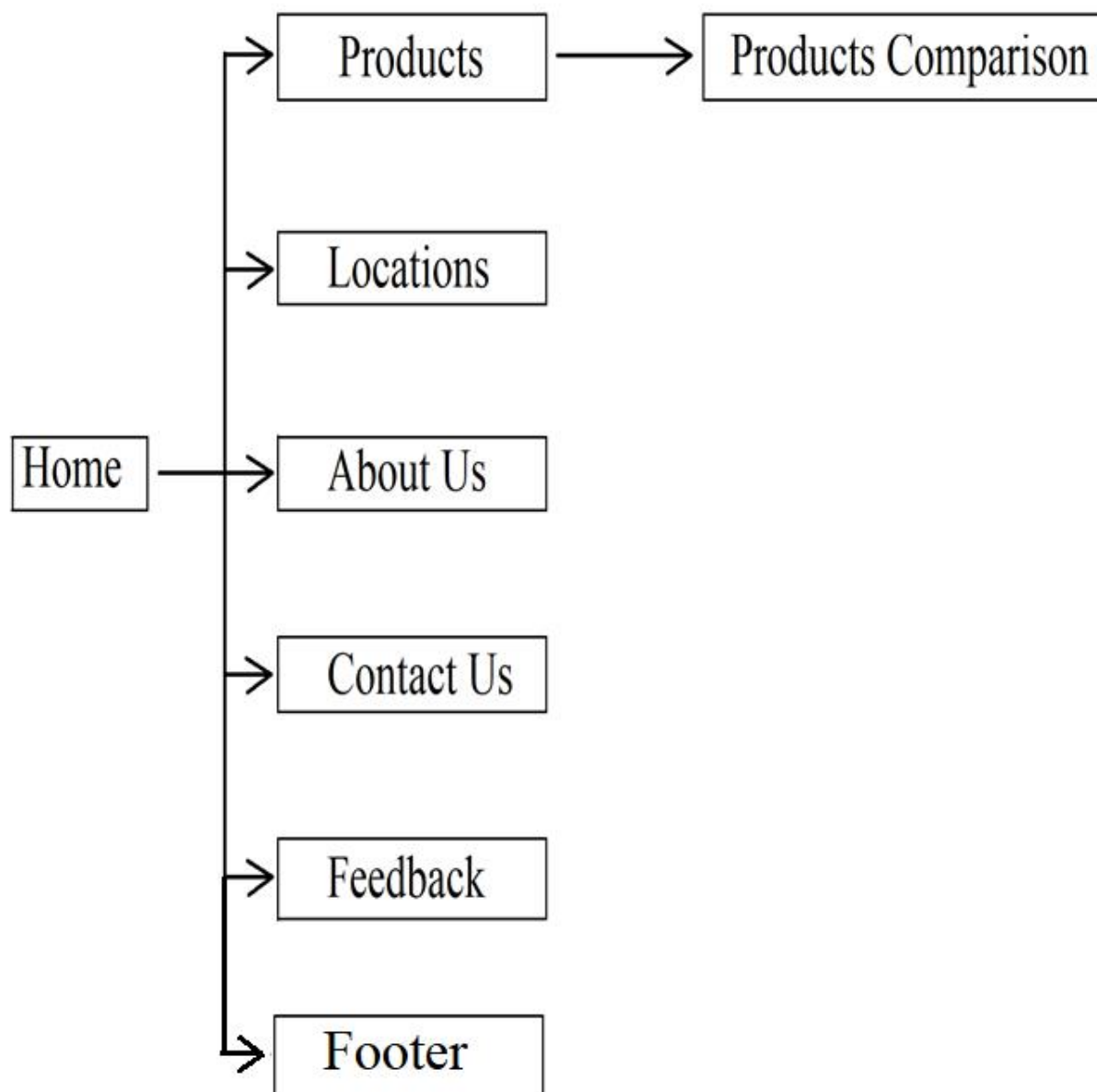
**Architecture and design of the project**



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<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Site Map	<b>SWD/Form</b> No.04/SM/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 11/21

### Sitemap



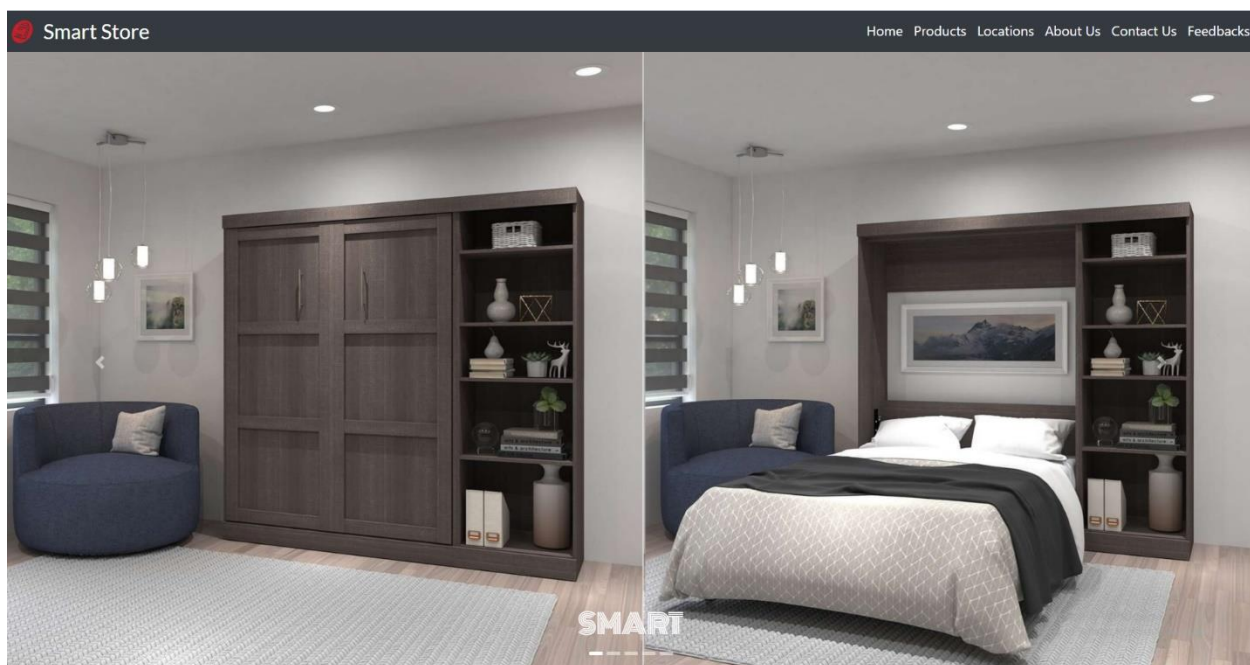
	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
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<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Screen Shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 12/21

### Screen Shots

#### 1. Home Page:

Description: The Home Page show the brief introduction of the website, including a few sample pictures of the available products. The menu is also included so the customers can interact with the website.



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<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Screen Shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 13/21

## 2. Products:

Description: This page provides customers the pictures of all available products as well as their prices. For detail information, customers can download the word document of each product which will tell more about its size and weight.

### Products


[Click here to move to the Product Comparison page.](#)

Sorted by Brands


Show all Bestar MASHstudios Vento

Sorted by Type of Product


Bed Table / Chairs




**3 Drawers Bed Kit by Bestar**  
Price: \$2,499.00  
[Click here to download detail](#)




**Full Wall Bed Kit by Bestar**  
Price: \$1,200.00  
[Click here to download detail](#)




**Full Wall Bed Kit with Door by Bestar**  
Price: \$1,300.00  
[Click here to download detail](#)




**Folding Queen Wall Bed by Bestar**  
Price: \$1,100.00  
[Click here to download detail](#)




**Storage Platform Bed by MASHstudios**  
Price: \$999.00  
[Click here to download detail](#)




**Board Storage Bed by MASHstudios**  
Price: \$1,000.00  
[Click here to download detail](#)




**Bed With Lid by MASHstudios**  
Price: \$1,100.00  
[Click here to download detail](#)




**Bed With Side-Lid by MASHstudios**  
Price: \$1,050.00  
[Click here to download detail](#)




**Dark Cone Table And Chairs by Vento**  
Price: \$499.00  
[Click here to download detail](#)



**Hybrid Table And Chairs by Vento**  
Price: \$520.00  
[Click here to download detail](#)



**Outdoor Table And Chairs by Vento**  
Price: \$600.00  
[Click here to download detail](#)



**Wooden Table And Chairs by Vento**  
Price: \$500.00  
[Click here to download detail](#)

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<b>Date</b>		


<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Screen Shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 14/21

## 2.1. Products Comparison:

Description: This page allows customers to compare one product with others, based on their prices, sizes, weights and brands.


**Product Comparison**  
(Note: Maximum of three products are allowed for comparison)

Bestar




Full Wall Bed Kit with 3 Drawers

Add to Compare




Full Wall Bed Kit

Add to Compare



Full Wall Bed Kit with Door


Add to Compare



Folding Queen Wall Bed


Add to Compare

MASHstudios




Storage Platform Bed

Add to Compare




Headboard Storage Platform Bed

Add to Compare



Bed With Lid


Add to Compare



Bed With Side-Lid


Add to Compare

Vento




Dark Cone Table And Chairs

Add to Compare




Wooden Hybrid Table And Chairs

Add to Compare



Wall-hanged Outdoor Table And Chairs

Add to Compare



Wooden Table And Chairs

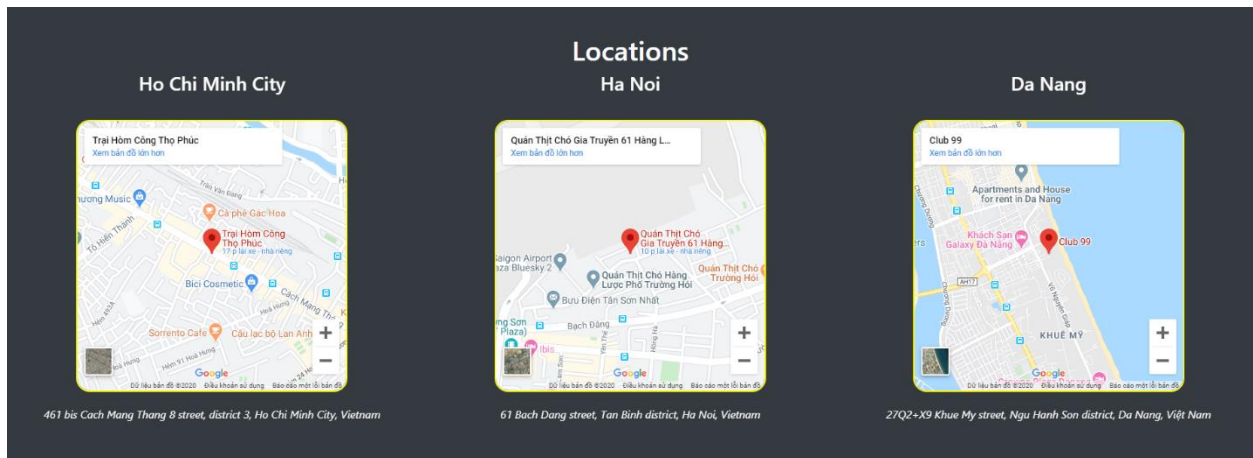
Add to Compare

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<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Screen Shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 15/21

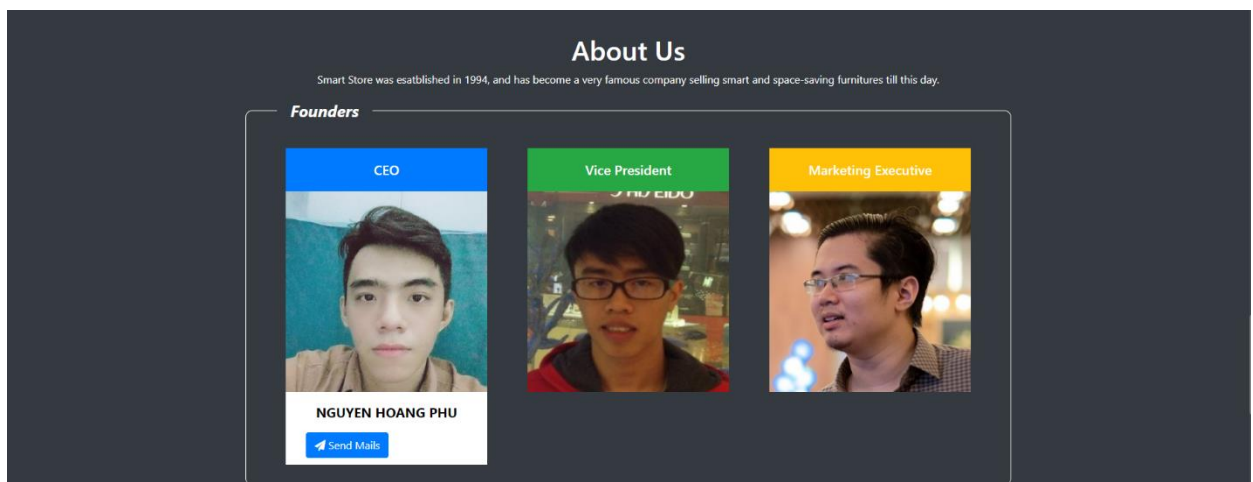
### 3. Locations:

Description: This page shows the locations and addresses of the stores located in 3 major cities in Vietnam, such as Ho Chi Minh City, Hanoi, Da Nang.



### 4. About Us:

Description: This page shows the information about the store and its founders, as well as their email addresses to contact.



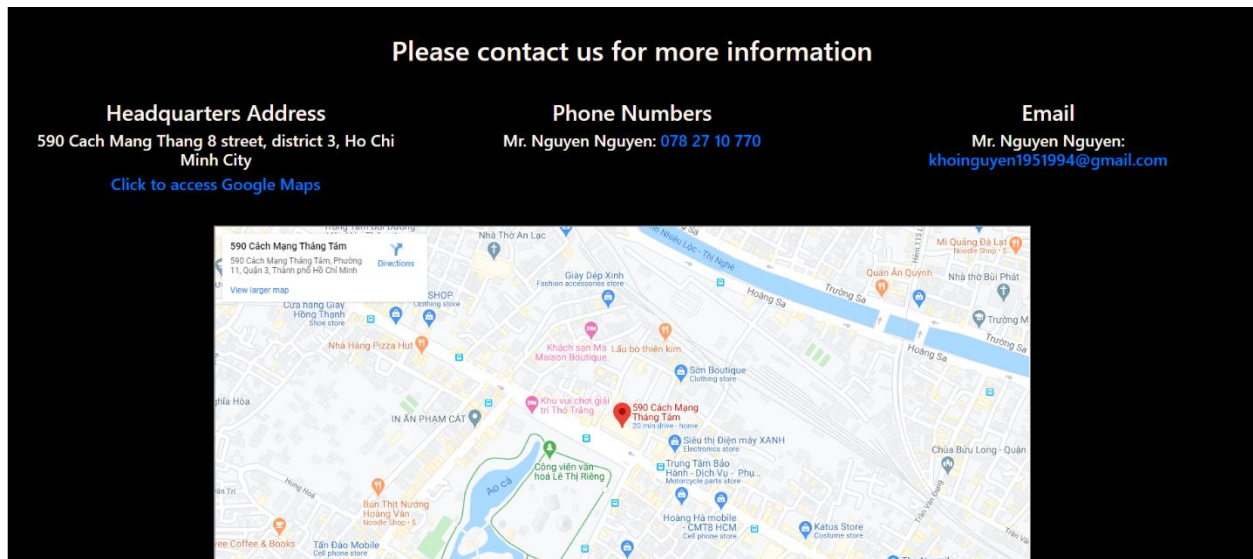
	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 05</b>	<b>LE THANH NHAN</b>
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<b>Date</b>		



<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Screen Shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 16/21

## 5. Contact Us:

Description: The Contact page describes the address of headquarters, as well as the phone-number and email for customers to contact.



## 6. Feedback:

Description: This page allows customers to provide feedback for the administrators.

**Your feedback is necessary for our improvements.**

Your Name:

Your Email:

Your Phone:

What thing make you feel unsatisfied:  
☐ Staffs ☐ Prices ☐ Locations ☐ Services

Description

**Send**

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<b>Date</b>		



<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Screen Shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 17/21

## 7. Footer:

Description: After reach the end of the website, the Footer will provide customers with shortcuts which allow them to go to any page they want just by clicking on. Customers can also visit Smart Store's Facebook page by clicking on the Facebook logo.



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<b>Date</b>		

<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Testing Document	<b>SWD/Form</b> No.06/TD/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 18/21

**Testing Document:**

<b>S.No.</b>	<b>Features Tested</b>	<b>Remarks</b>
1.	Name in Feedback page must not be left blank.	✓
2.	Email in Feedback page must not be left blank, and must be valid.	✓
3.	Customers are able to sort the products based on their types and brands in Products page.	✓
4.	Customers are allowed to compared a product with another one in Products Comparison page.	✓

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<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Final Checklist	<b>SWD/Form</b> No.07/FC/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 19/21

**Final Checklist:**

<b>S.No.</b>	<b>Aspect Tested</b>	<b>Suggestions/Remarks</b>
1.	Have all the modules been properly integrated and are they completely functional?	✓
2.	Does each unit meet its objective and purpose?  Are all the validations happening as specified in Process Design?	✓
3.	Have all Design and Coding standards been followed and implemented?	✓
4.	Is the GUI design consistent all over?	✓
5.	Does the application's functionality resolve the client problem, and satisfy his needs completely?	✓
6.	Have the hardware and software been correctly chosen?	✓
7.	Additional features and utilities that give value addition to the entire project.	✓

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<b>Design Plan:</b> Smart Store	<b>Document Name:</b> Task Sheet	<b>SWD/Form</b> No.08/TS/Ver1.0
<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 20/21

**Task Sheet:**

No.	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planned Start Date	Actual Start Date	Actual Days	Status
1	NGUYEN HOANG PHU	Smart Store’s brief introduction.	Home	6-July-2020	6-July-2020	4	Complete
2		Information about Smart Store’s stores.	Store Locations	6-July-2020	6-July-2020	4	Complete
1	NGUYEN KHANH KHOI NGUYEN	Information about the products. Compare products.	Products, Product Comparison	4-July-2020	4-July-2020	4	Complete

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<b>Effective Date:</b> 09/07/2020	<b>Version:</b> 1.0	<b>Page No:</b> 21/21

2		How to contact Smart Store	Contact Us	4-July-2020	4-July-2020	4	Complete
3		Shortcuts of the page	Footer	4-July-2020	4-July-2020	4	Complete
1	TRUONG HO TIEN	Founders; When and where Smart Store was created	About Us	5-July-2020	5-July-2020	5	Complete
2		Feedbacks of customers	Feedbacks	4-July-2020	4-July-2020	5	Complete

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