

# FPT ACADEMY INTERNATIONAL

## FPT – APTECH COMPUTER EDUCATION

## HUDSON FURNISHING

<b>Center Name</b>		FPT – Aptech – HCM1 Address: 391A, Nam Ky Khoi Nghia Street, Vo Thi Sau Ward, District 3, Ho Chi Minh City	
<b>Instructor</b>		Ms. Le Mong Thuy	
<b>Class</b>		T1.2210.M0	
<b>Group</b>		1	
<b>Group members</b>		<b>Name</b>	<b>Student ID</b>
		Ho Nguyen Hoang Linh	Student1429104
<b>Duration</b>	Start date	01 <sup>st</sup> Fed 2023	
	End date	03 <sup>rd</sup> Mar 2023	

**This is to certify that**

**Mr.:**

Ho Nguyen Hoang Linh

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**has successfully designed & developed**

eProject: Hudson Furnishing website

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**Submitted by:**

Ho Nguyen Hoang Linh

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**Date of issue: 03 - March - 2023**

**Authorized Signature:**

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## **ACKNOWLEDGMENT**

On behalf of team members. I would like to thank everyone who supported my team to successfully complete this eProject report. Especially, our teacher, she has supported us a lot since we started studying at FPT Aptect. With this eProject, she guided us very meticulously, enthusiastically and strictly. With her guidance, we were able to successfully complete this project. Besides, I also want to thank all the team members, each of whom worked hard to complete the eProject in earnest during the month of working together. Finally, our group would like to say thank you to my classmates and family for sharing and creating for the group the best environment to focus on the project, motivating the members to achieve their goals.

## **SYNOPSIS**

The goal of eProject is that we need to create a website that meets all the requirements of the client, Fanimation. Fanimation is in the business of vehicles, by solving problems one by one. Every vehicle we deal in combines thoughtful design, energy efficiency and next-generation intelligent technology. They always satisfy customers with professional staff with many years of experience. The main goal of this website is to reach customers who need the best products for their home or company. In addition, all products have discounts and promotions for customers, especially the company also supports shipping its products to customers. Customer satisfaction is always Fanimation's top goal.

## **PROBLEM DEFINITION**

The website will be created based on the following requirements.

- 1) The top of the page should be presented with a logo and image suitable for SUV, Sports and Motorcycle
- 2) Website must contain different sections: BEDROOM, LIVING ROOM, DINING ROOM, HOME OFFICE,
- 3) Menus should be provided with section names and should be linked to sections.
- 4) Filters should be provided for Category, Type, Price Range, Color, Brand, etc.
- 5) Clicking on any product opens a pop-up with the product's image, description, and price.
- 6) Gallery should be added to view different images.
- 7) Product Reviews and Ratings must be entered by the user with permission.
- 8) Sitemap, Gallery, about us, FAQ link, Contact us link must be added. 9) About Us and Contact Us: This menu option will show email ID, address, and contact phone number.
- 10) The section for various offers in the store should be provided with a list of offers with details.
- 11) The color combination should be uniform throughout the project.
- 12) Navigation should be smooth.

# **CUSTOMER'S REQUIREMENTS SPECIFICATIONS (CRS)**

**Client:** Hudson Furnishing

**Business/Project Objective:**

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.

**Input to the system:**

- Searching products based on BEDROOM, LIVING ROOM, DINING ROOM, HOME OFFICE
- Register members on website. - Feedback about the quality of products

**Output from the system:**

- Display results for each type of product according to the search content.
- Display product information by price, specifications, brand, image, color, model...
- Display the special information of the product.
- Display products of the same type, same brand, other related products.
- Display a button so that customers can download the product's catalog
- Customers can also download the price list of products on the website
- Site should be able to provide brief introduction/history about the shop under About Us page.
- The location of the shop under Contact-Us page.
- Displays FAQ and allows users to email directly to the company

**Process:**

- Validate data input from users.
- Perform filter products based on: brand, category, product type, price, color...

**Expected delivery date:** 03 - March - 2023

**List of deliverables:**

- Document Word, PDF.
- User Guide.
- Source code.

## **Hardware/ Software Requirements:**

### **□ For developer**

#### **Hardware**

- Intel Pentium 4 processor or higher
- 01 Gigabytes of RAM or higher

#### **Software**

- Windows 7 OS or higher
- Adobe Dreamweaver
- Web browsers such as IE, Chrome or Firefox are supporting HTML5, CSS3 and Javascript.

### **□ For web users**

#### **Hardware**

- Intel Pentium 4 processor or higher
- 512 Megabytes of RAM or higher

#### **Software**

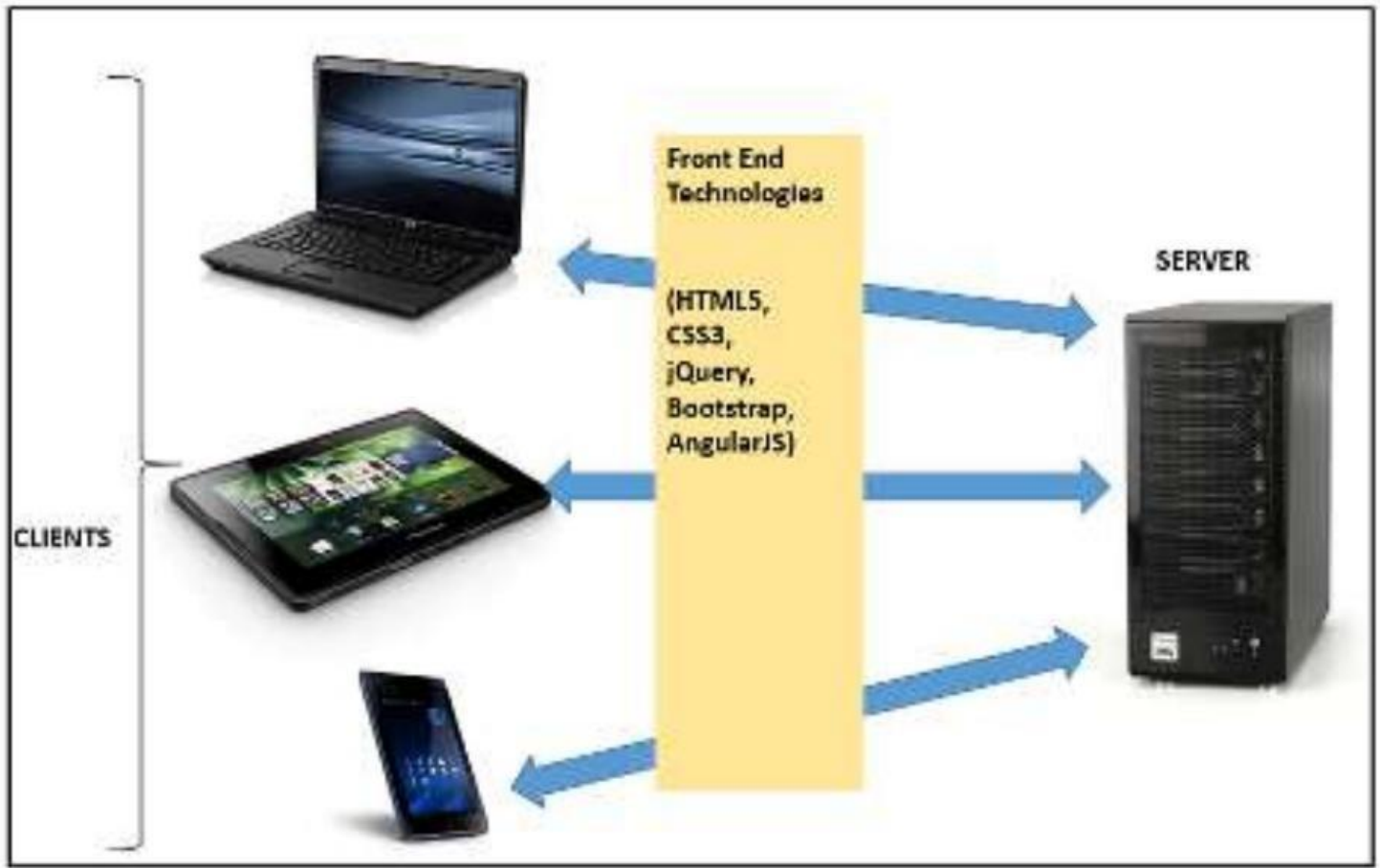
- Windows XP OS or higher
- Web browsers such as IE, Chrome or Firefox are supporting HTML5, CSS3 and Javascript.

## **SCOPE OF THE WORK (IN BRIEF)**

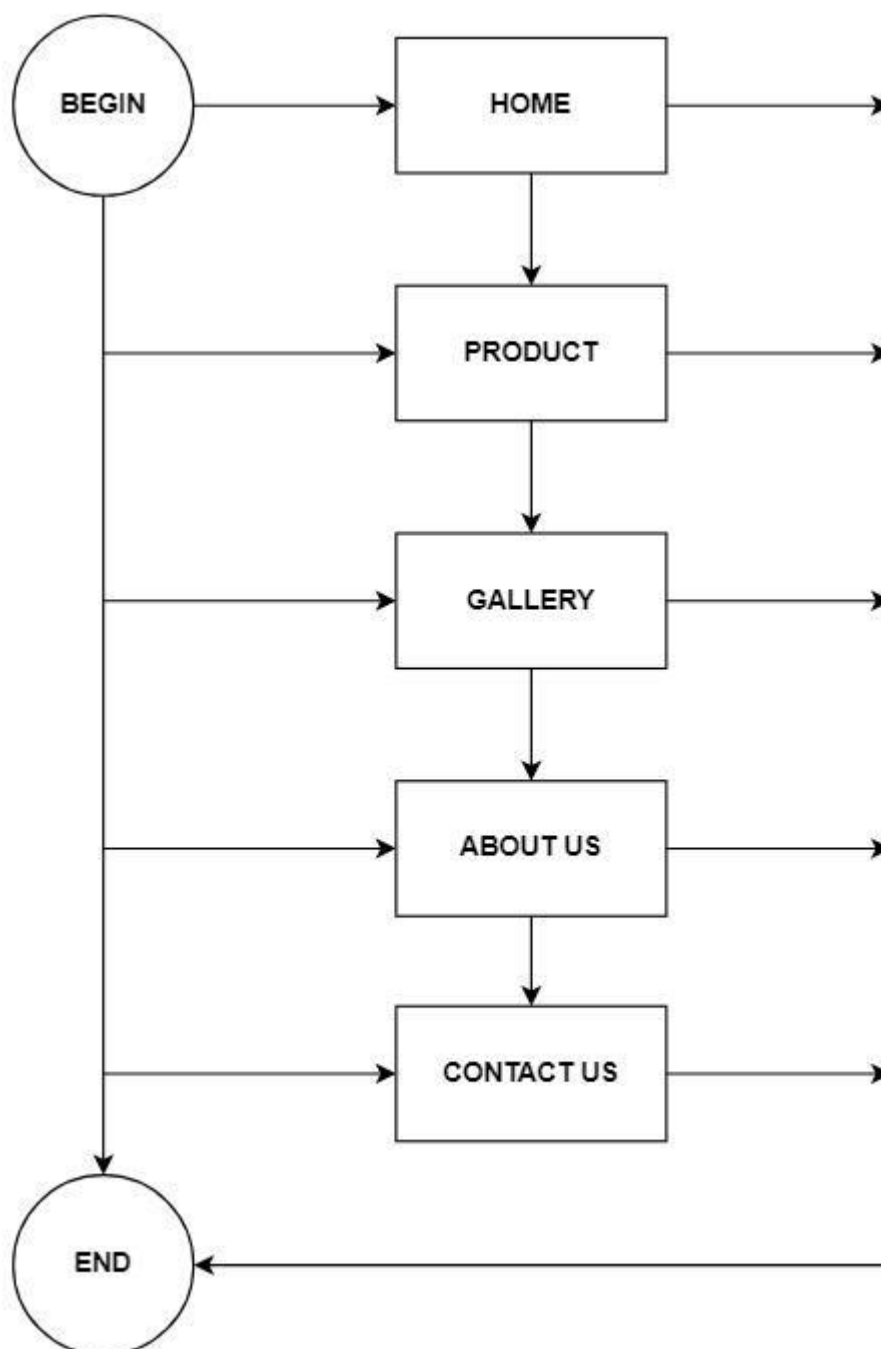
After a long and detailed discussion, our group has decided to create a website contain the following webpages:

- 1. Homepage:** There is a search bar to search for products, display promotional information, best-selling products and introduce Hudson Furnishing. Display a visitor count at the top right corner of the page beside a logo image.
- 2. Product:** Displays all available products based on the Category (BEDROOM, LIVING ROOM, DINING ROOM, HOME OFFICE). In the above categories, products can be filtered by name and price.
- 3. Gallery:** Display interior design with fan.
- 4. About Us:** Display the information of the company, clients review and about us.
- 5. Contact Us:** Display the address of the company, Map and allow customers to request any information they want to Hudson Furnishing.
- 6. Sign In/ Sign Up:** Allow users sign up or sign in to the website.

## ARCHITECTURE AND DESIGN OF THE SYSTEM



## DIAGRAM OF THE WEBSITE



<b>Project Ref. No.:</b>		<b>Activity Plan Prepared By:</b>	<b>Date of Preparation of Activity Plan:</b>
<b>eP/Advertisement Portal Management System/01</b>	<b>Project Title:</b>		

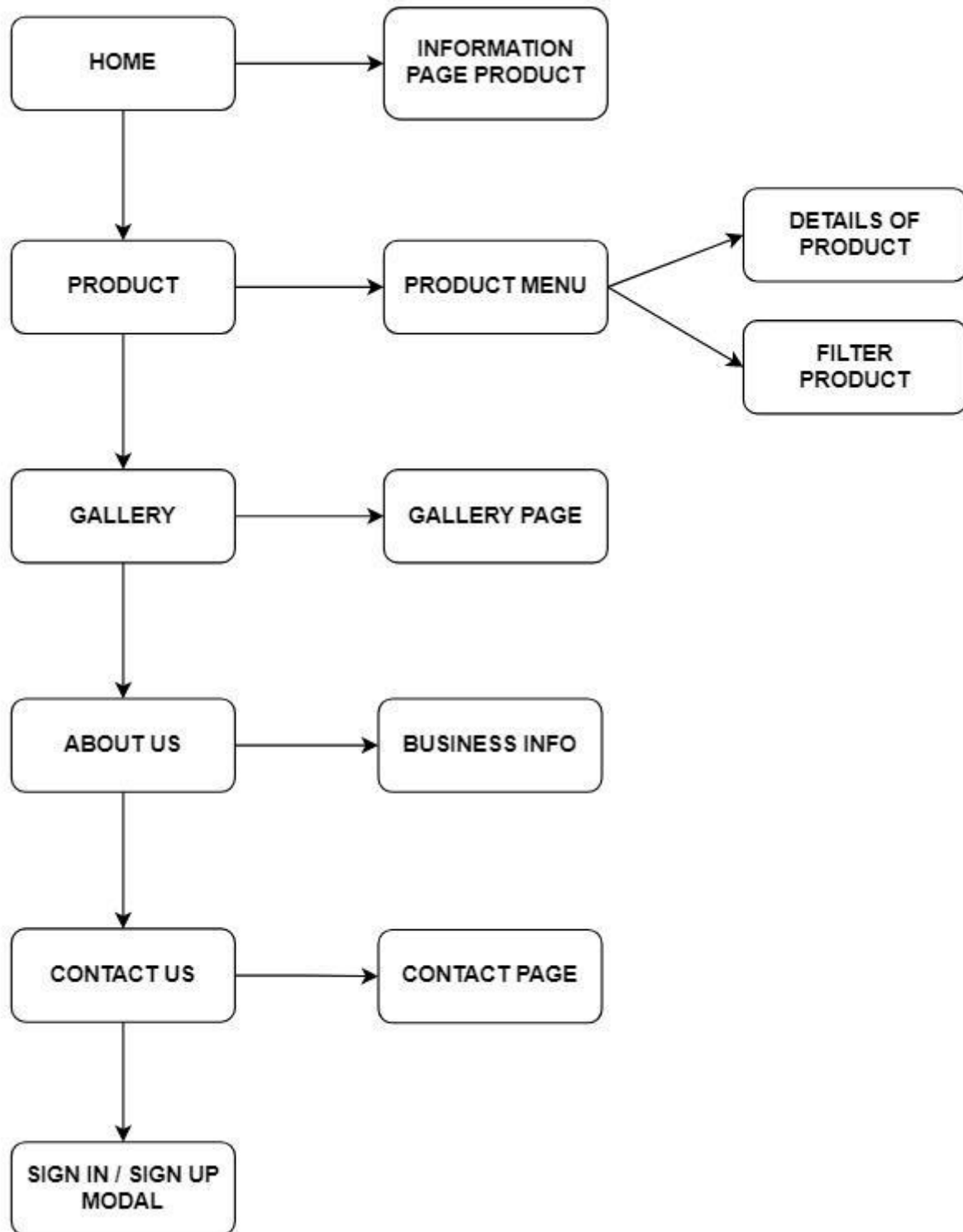


Sr. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Problem Statement	HUDSON FURNISHING	Linh	01-Feb-2023	1	Linh	Completed
2	Analysis of Hudson Furnishing requirements about the website			01-Feb-2023	1	Linh	Completed
3	The scope of the work (in brief)			01-Feb-2023	1	Linh	Completed
4	Architecture and design of the system			01-Feb-2023	1	Linh	Completed
5	Diagram of the website			01-Feb-2023	1	Linh	Completed
6	Task Sheet			01-Feb-2023	1	Linh	Completed

# TASKSHEETREVIEW1

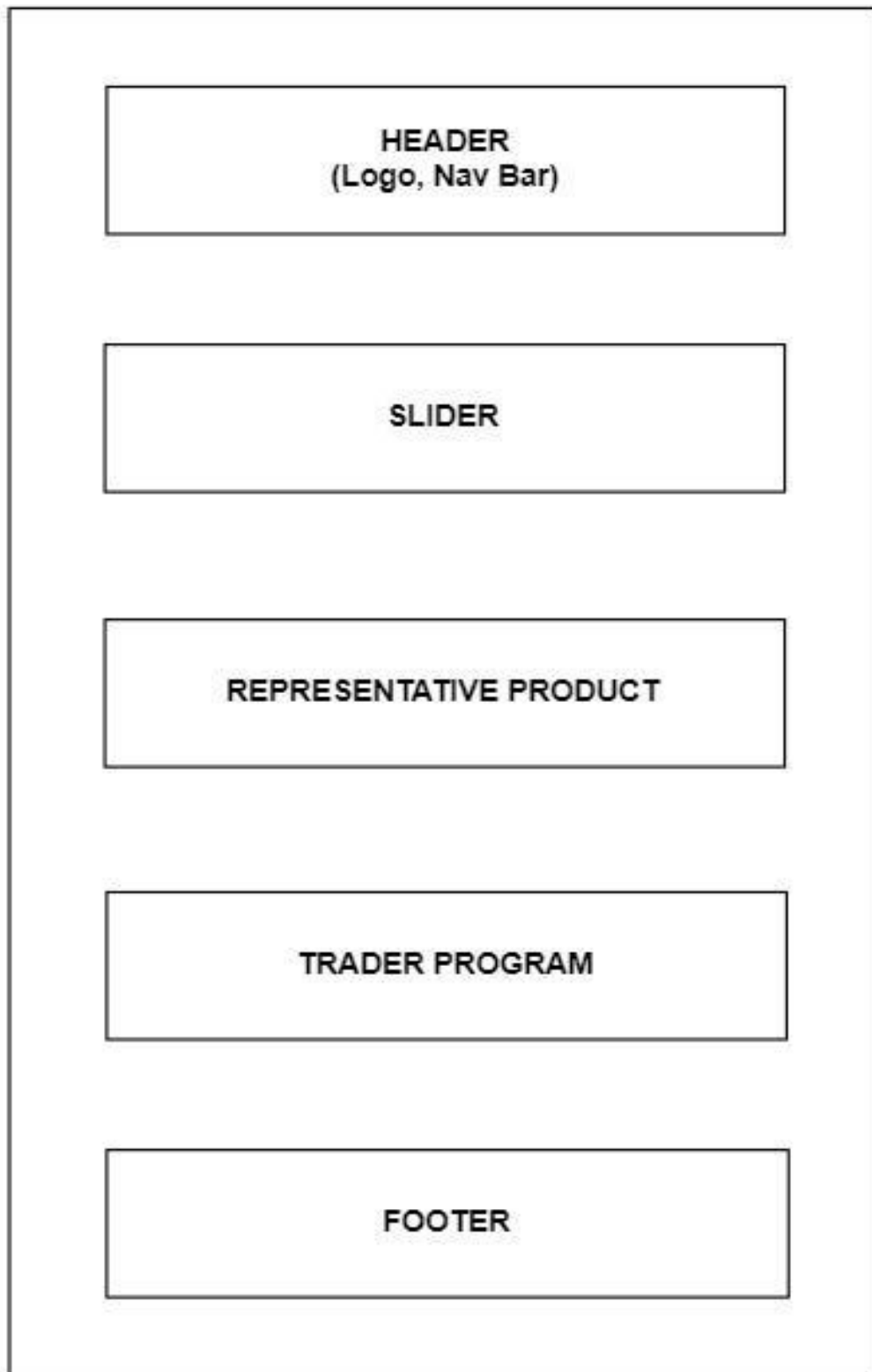
Date:	
Signature of Instructor:       Ms. Le Mong Thuy	Signature of Team Leader:       Ho Nguyen Hoang Linh

## SITEMAP

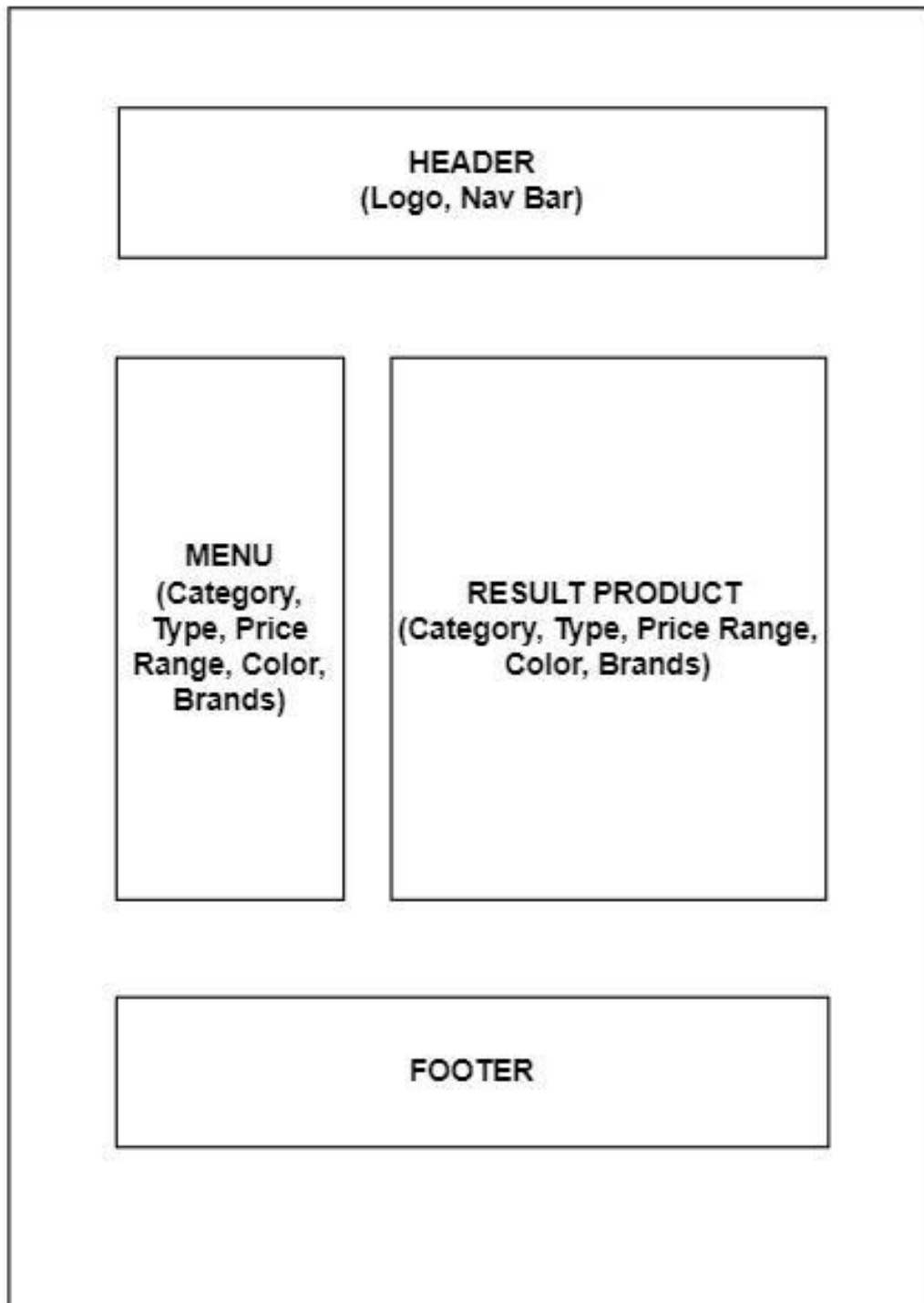


## MOCK OF THE WEB SITE

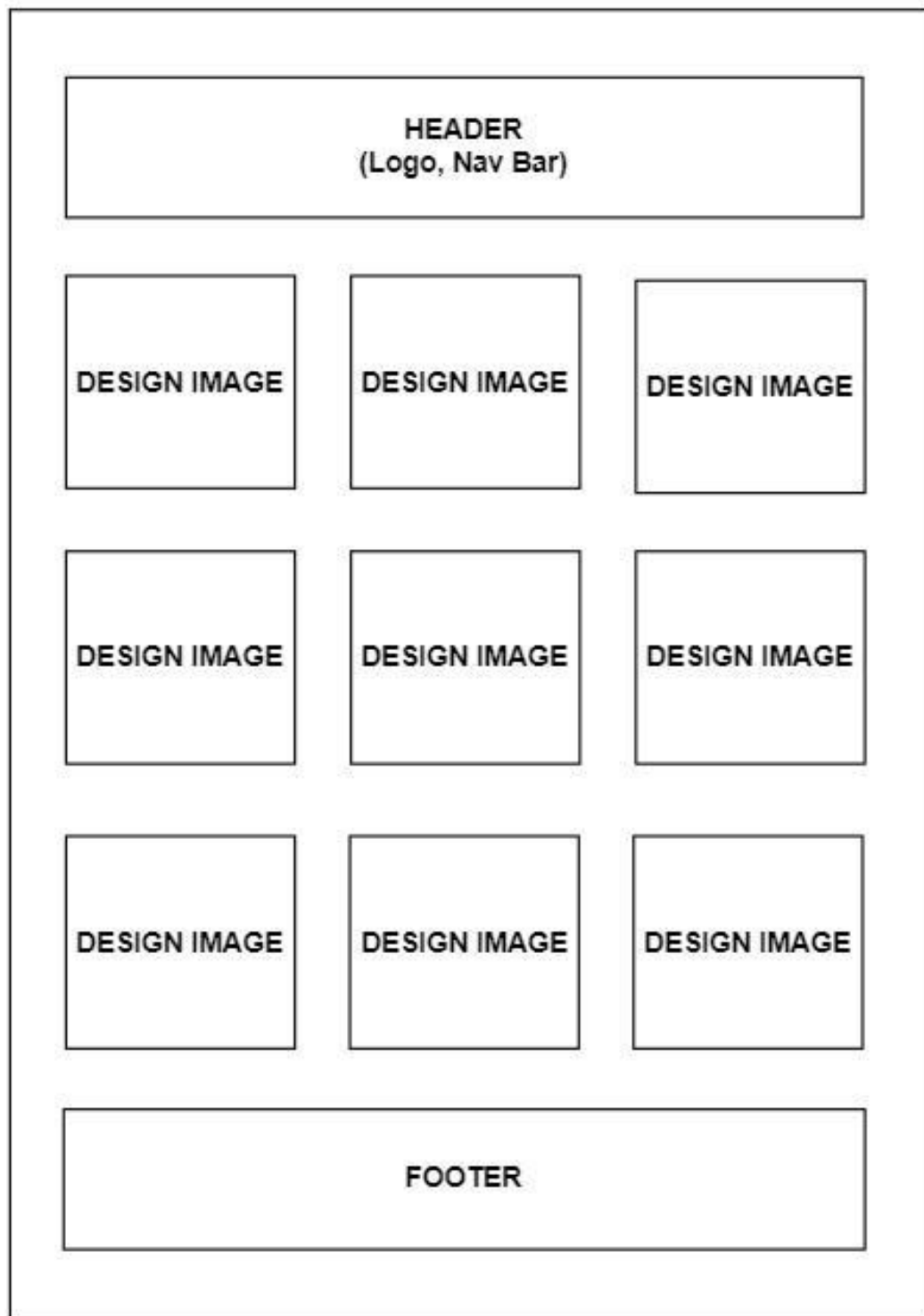
### 1. Homepage



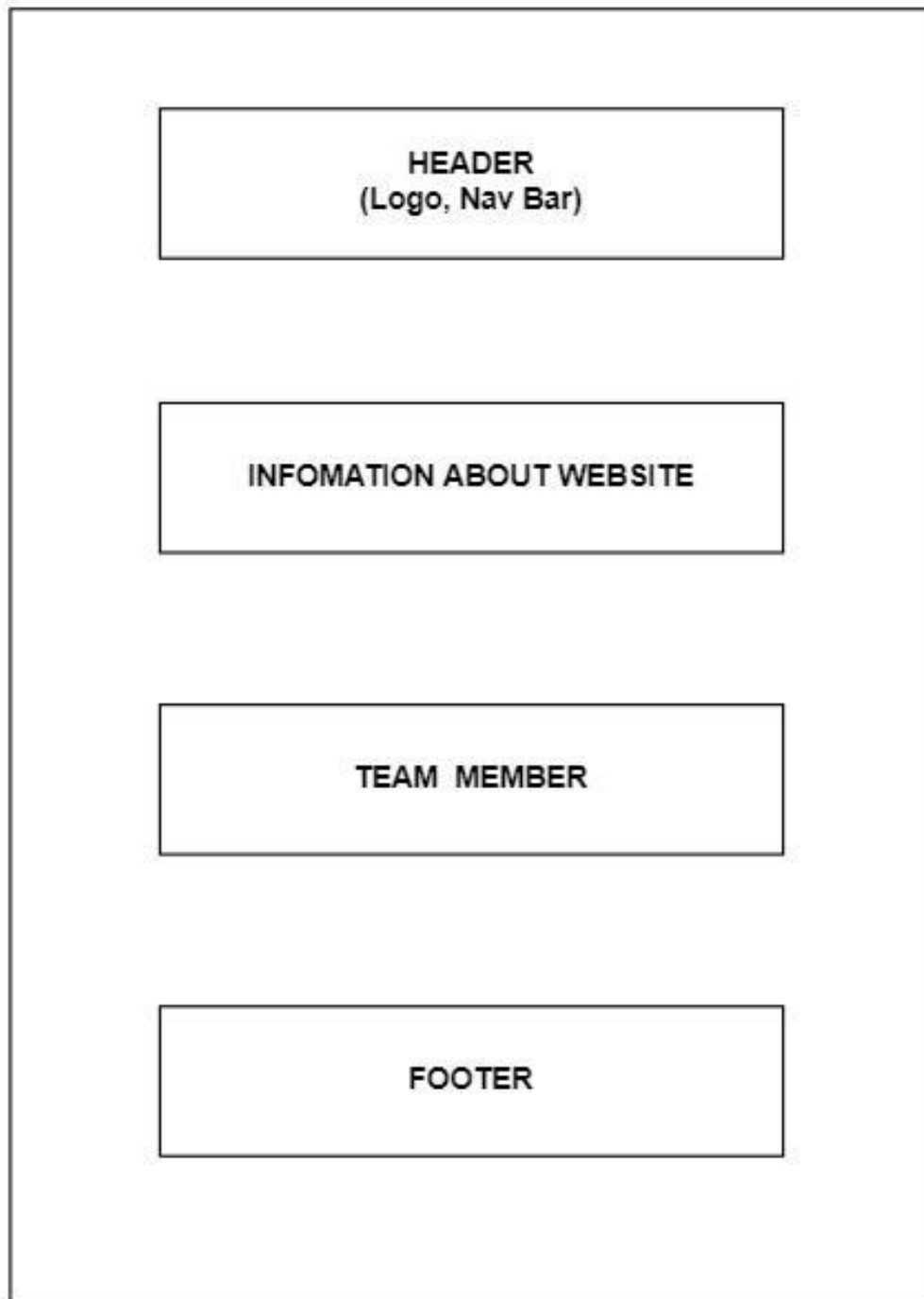
## **2. Product**



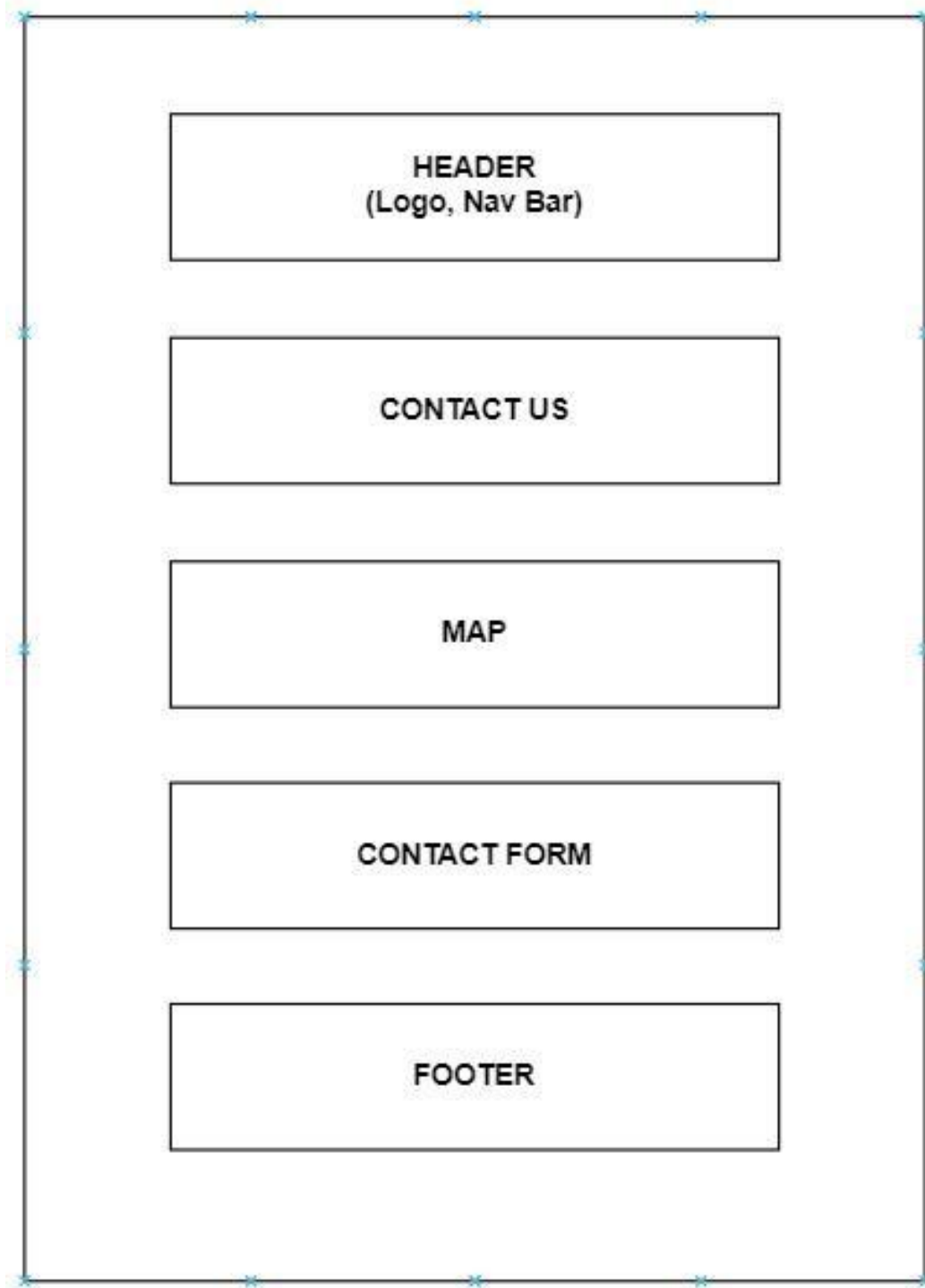
### 3. Gallery



#### **4. About Us**



## **5. Contact Us**



## **6. Sign In/ Sign Up**

## MODAL (POPUP FORM)

**SIGN IN**

**SIGN UP**

## TASKSHEETREVIEW2

Project Ref. No.:  eP/Advertisement Portal Management System/01			Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	Task			Project Title:	Actual Start Date	Actual Days	Team Mate Names
1	Site Map	HUDSON FURNISHING	Linh	06-Feb-2023	1	Linh	Completed
2	Mock of the website			06-Feb-2023	2	Linh	Completed
3	Task sheet			06-Feb-2023	2	Linh	Completed

**Date:**



Signature of Instructor:

Signature of Team Leader:

**Ms. Le Mong Thuy**

**Ho Nguyen Hoang Linh**

## WEBSITE DESCRIPTION

## 1. Homepage

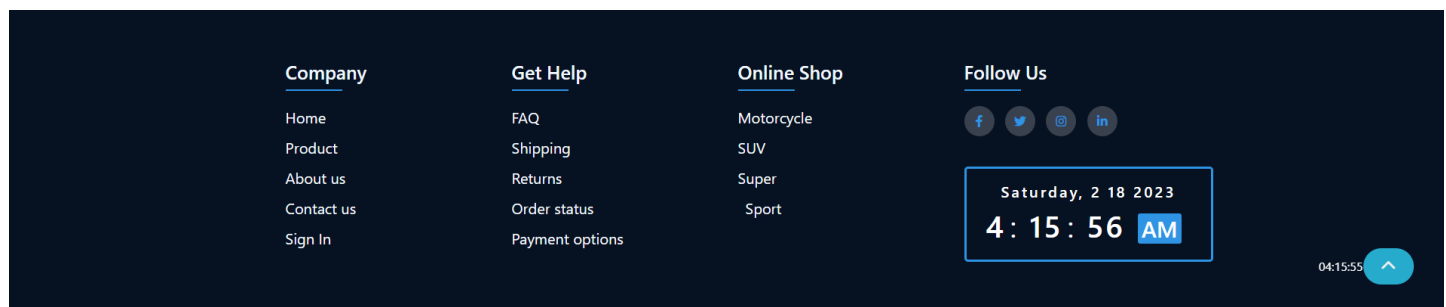
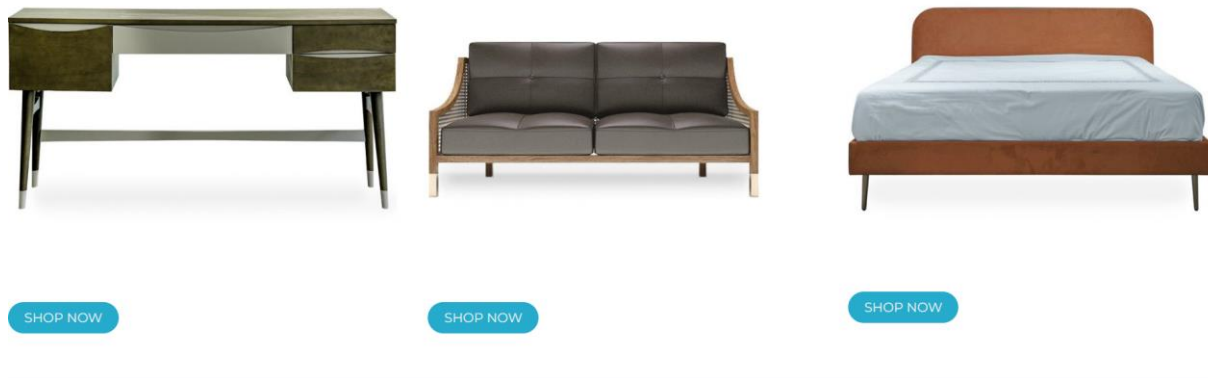
### a) Description

Home page displays following information:

- Logo, nav bar
- Slider
- Representative product
- Footer.

b) Screen shot





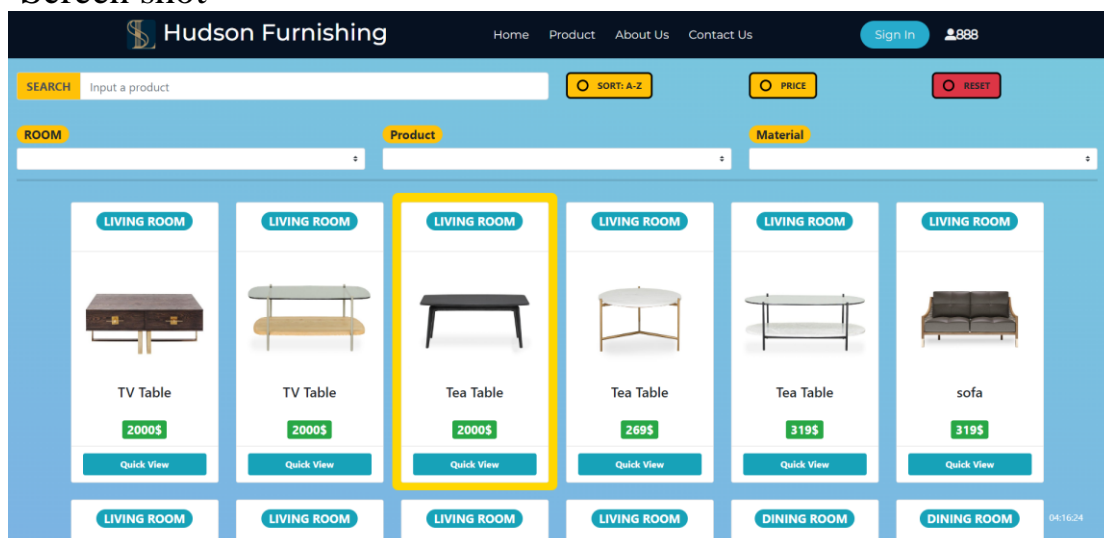
## 2. Product

### a. Description

This product page displays following information:

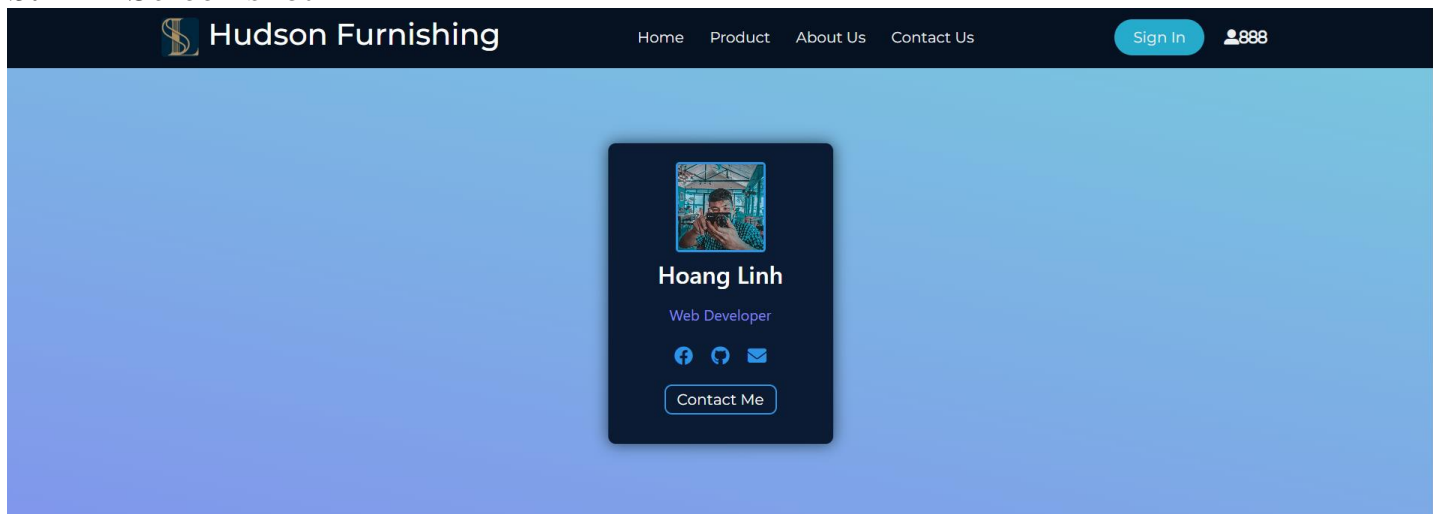
- All product that being sold at Hudson Furnishing (BEDROOM, LIVING ROOM, DINING ROOM, HOME OFFICE), when click on quick view item, it will show the detail of that item.
- Products can be compared with products of the same category
- Menu filter to easily find items based on categories.
- Product can sort by price and by name.

### b. Screen shot



### 3. About Us

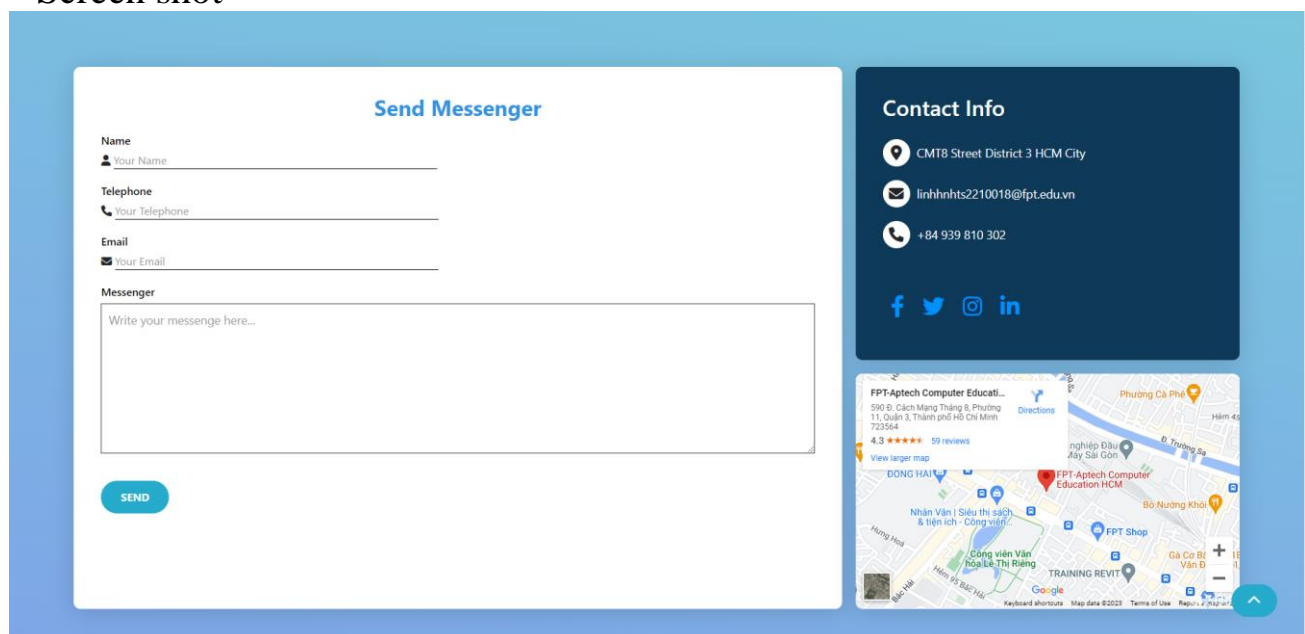
- a. Description
  - Display member.
- b. Screen shot



### 4. Contact Us

- a. Description
 

This page displays contact information: location, telephone number, email, a quick contact form for customer and FAQ's.
- b. Screen shot



## 5. Login/ Register

- a. Description
  - Form sign in, sign up
- b. Screen shot

The screenshot shows the Hudson Furnishing website header with navigation links: Home, Product, About Us, Contact Us. A 'Sign In' button and a user count '888' are visible. Below the header, there are two forms: 'Sign In' and 'Sign Up'.

**Sign In Form:**

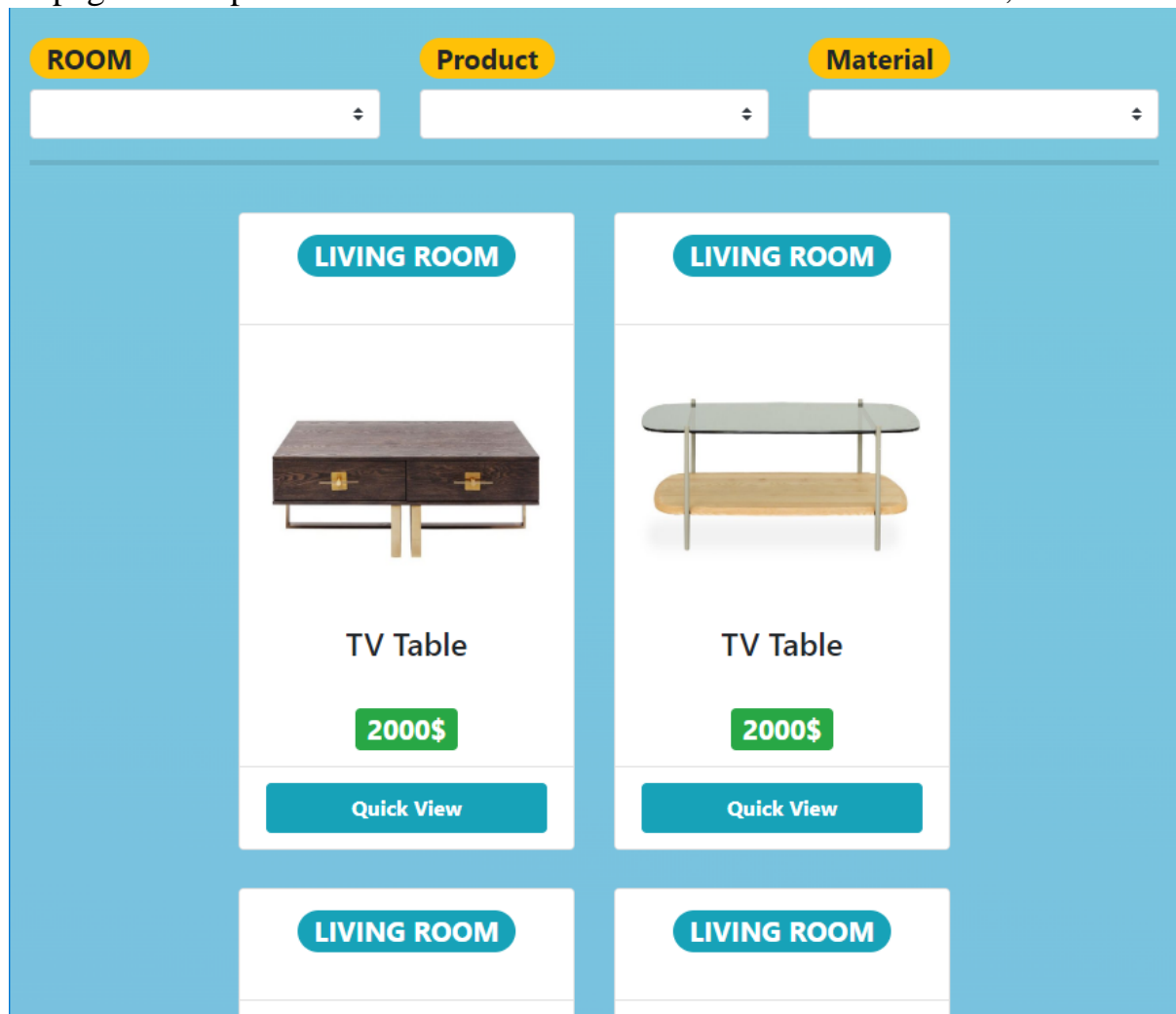
- Fields: Name, Username\*, Password, Password\*
- Button: LOGIN

**Sign Up Form:**


- Fields: Username\*, Email, Email\*, Password, Password\*, Retype Password, Retype Password\*
- Buttons: SUBMIT, RESET


## RESPONSIVE


The page has responsive feature for small screen device such as tablet, setc.



## Send Messenger

**Name**  
  
Your Name


**Telephone**  
  
Your Telephone


**Email**  
  
Your Email


**Messenger**  
Write your message here...





**SEND**


## Contact Info

 CMT8 Street District 3 HCM  
City

 linhhnhts2210018@fpt.edu.vn

 +84 939 810 302



FPT-Aptech Computer ...  
[View larger map](#)

The FIRST Academy (TFA) - Cơ sở CMT8  
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Keyboard shortcuts Map data ©2023 Terms of Use Report a map error

## JAVASCRIPT DESCRIPTION

### 1. Visit Count

#### a. Description:

- It will appear the number of clients visiting the website.

#### b. Code:

```
// VisitCount
var counterContainer = document.querySelector(".website-counter");
var resetButton = document.querySelector("#reset");
var visitCount = localStorage.getItem("page_view");

if (visitCount) {
    visitCount = Number(visitCount) + 1;
    localStorage.setItem("page_view", visitCount);
} else {
    visitCount = 1;
    localStorage.setItem("page_view", 1);
}
counterContainer.innerHTML = visitCount;
```

### 2. Home-time footer

#### a. Description:

- Real time in the footer

#### b. Code:

```
//home-time footer
function clock() {
    var dateTime = new Date();
    var daynum = dateTime.getDay(),
        day = dateTime.getDate(),
        mon = dateTime.getMonth() + 1,
        year = dateTime.getFullYear(),
        hou = dateTime.getHours(),
        min = dateTime.getMinutes(),
        sec = dateTime.getSeconds();

    if (hou == 0) {
        hou = 12;
    }
    if (hou > 12) {
        hou = hou - 12;
        document.getElementById('period').innerHTML = "PM";
    }

    switch (daynum) {
        case 0:
            daynum = "Sunday";
            break;
        case 1:
            daynum = "Monday";
            break;
        case 2:
            daynum = "Tuesday";
            break;
        case 3:
            daynum = "Wednesday";
            break;
        case 4:
            daynum = "Thursday";
            break;
        case 5:
            daynum = "Friday";
            break;
        case 6:
            daynum = "Saturday";
            break;
    }
}
```

```
document.getElementById("daynum").innerHTML = daynum;
document.getElementById("day").innerHTML = day;
document.getElementById("month").innerHTML = mon;
document.getElementById("year").innerHTML = year;
document.getElementById("hour").innerHTML = hou;
document.getElementById("minutes").innerHTML = min;
document.getElementById("seconds").innerHTML = sec;
}
setInterval(clock, 10);

function initclock() {
    clock();
    window.setInterval("clock()", 1)
}
```



### 3. Scroll start

#### a. Description:

- Real-time scroll to top button.

#### b. Code:

```
// scroll start
var mybutton = document.getElementById("myBtn");
window.onscroll = function () { scrollFunction() };

function scrollFunction() {
    if (document.body.scrollTop > 20 || document.documentElement.scrollTop > 20) {
        mybutton.style.display = "block";
    } else {
        mybutton.style.display = "none";
    }
}

function topFunction() {
    document.body.scrollTop = 0;
    document.documentElement.scrollTop = 0;
}
```

### 4. Faq effect

#### a. Description:

- The answer opening and closing effect.

#### b. Code:

```
<script>
    const faqs = document.querySelectorAll(".faq");

    faqs.forEach(faq => {
        faq.addEventListener("click", () => {
            faq.classList.toggle("active")
        })
    })
</script>
```

## V

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