FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

NEXTAG

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Class	T1.2008.A0	
Group	6	
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Duration	Start date	13th Nov 2020
	End date	13th Dec 2020

This is to certify that

Mr &Ms.:

Nguyễn Thị Minh Thư

Võ Thị Kim Dung

Vũ Thiên Nhựt

has successfully designed & developed

eProject: NEXTAG website

Submitted by:

Nguyễn Thị Minh Thư

Date of issue:

Authorized Signature:

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ACKNOWLEGMENT

On behalf of all the members of group 6, I would like to thank you all for the hard works, supports to make this eProject complete successfully. Especially, Ms. Le Mong Thuy, our teacher, she helped us a lot from the day that we started to study at FPT Aptech. With this eProject, she has guided us with her enthusiasm and rigorous, because of her guiding, we would be able to finish this project. Besides, I want to thank all the team member of group 6, each of the team member has been working continuously in 4 weeks in order to complete this project. The last but not least, we would like to say thank you to our family for always supporting us, creating the best conditions for us to focus on the project, and putting faith in the dreams we pursue.

SYNOSIS

We need to create a website that meet all the requirement of our customer,NEXTAG.
NEXTAG is selling various types of Purse and Wallets. 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.

PROBLEM DEFINITION

NEXTAG is a company specializing in selling all kinds of purse and wallets.
They have many products of different brands such as LOUIS VUITTON, CALVIN KLEIN...
The company is always updated with the latest market trends, collections of many famous brands.

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.

CUSTOMER'S REQUIREMENTS SPECIFICATIONS (CRS)

Client: NEXTAG

Business/Project Objective:

NEXTAG is a company specializing in selling all kinds of purse and wallets.. They want to build a website to easy reach and support their customers.

We 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, Bootstrap, jQuery and Geolocation. The site should work well in all leading browsers including Chrome, IE, Firefox etc.

Input to the system:

- Searching products based on type of product and brand name.
- View and compare the various products on website.

Output from the system:

- A menu which will contain the options for brief introduction about the various purse and wallets available, location of the shop and any other information if required.
- Display the list of available products categorized according to the brand names of the products like if a User wants to see only “LOUIS VUITTON” products or any other companies products then he/she can click on a Link/button/menu etc and can see only that Brand products
- Selects any particular brand, a list of products for that brand will be displayed
- 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.
- The user should also be able to compare the various products of different as well as similar brands.
- Site should be able to provide brief introduction/history about the company under About Us page.
- The location of the company under Contact-Us page.
- Besides the above requirements, the site should have look and feel as per the industry standards.

Process:

- Allows customers to view information about products and compare the various products of different as well as similar brands

Expected delivery date: 13-Dec-2020.

List of deliverables:

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

Hardware/ Software Requirements:

- **For developer**

  Hardware

  - Intel Pentium 4 processor or higher
  - 1 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***: Display information about newest-selling products, an introduction about NEXTAG.
2. ***Product***: Display all a menu which will contain the options for brief introduction about the various purse and wallets available, location of the shop and any other information if required. The information should be categorized according to the brand names of the products, when a user selects any particular brand, a list of products for that brand will be displayed.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.
3. ***Comparison***: The user should also be able to compare the various products of different as well as similar brands.
4. ***About Us***: Display the information of the company, clients' review and about us.
5. ***Contact***: Display the address of the company, allow customers to request any information they want to Rhythm House. .

Architecture and design of the system

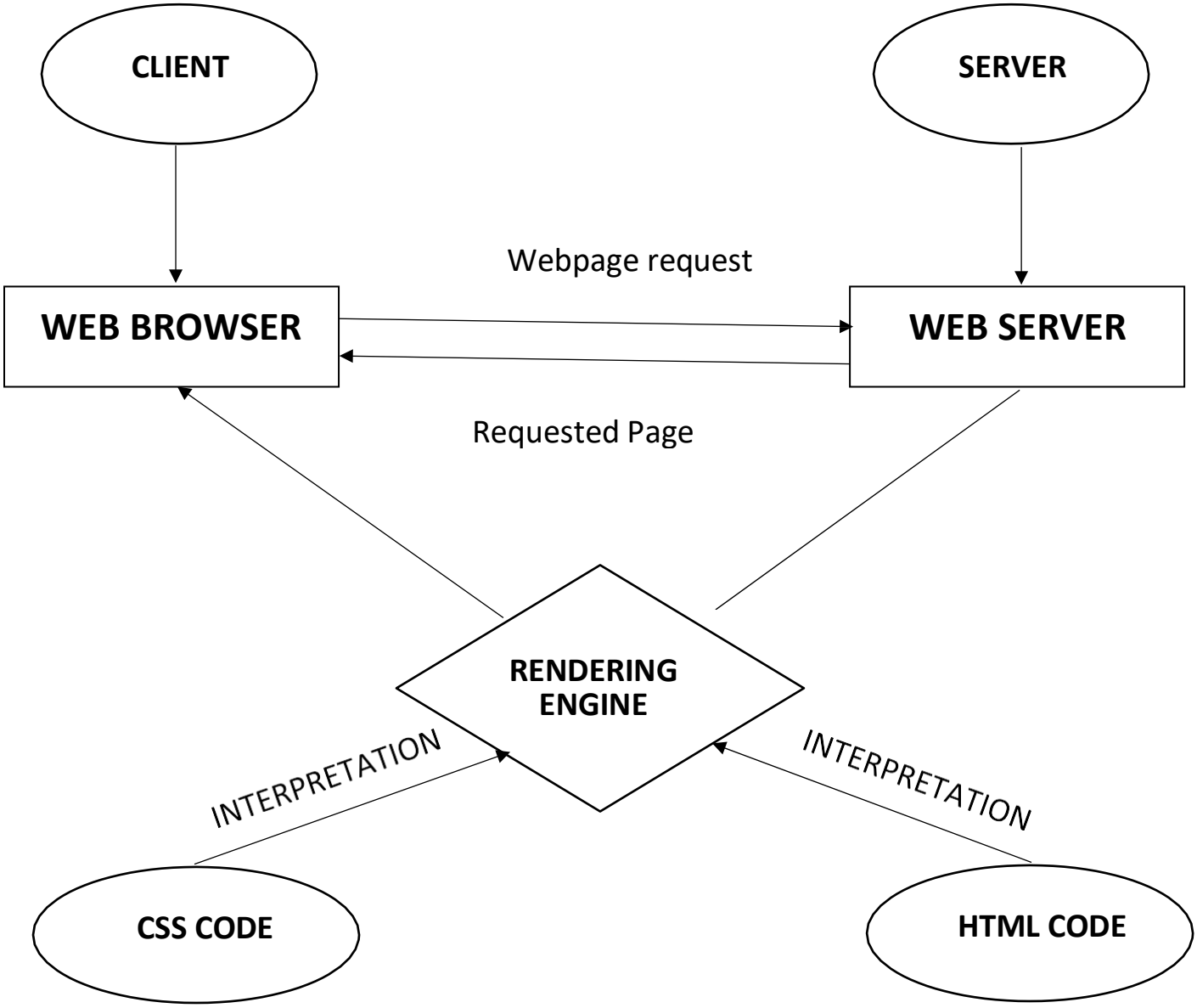
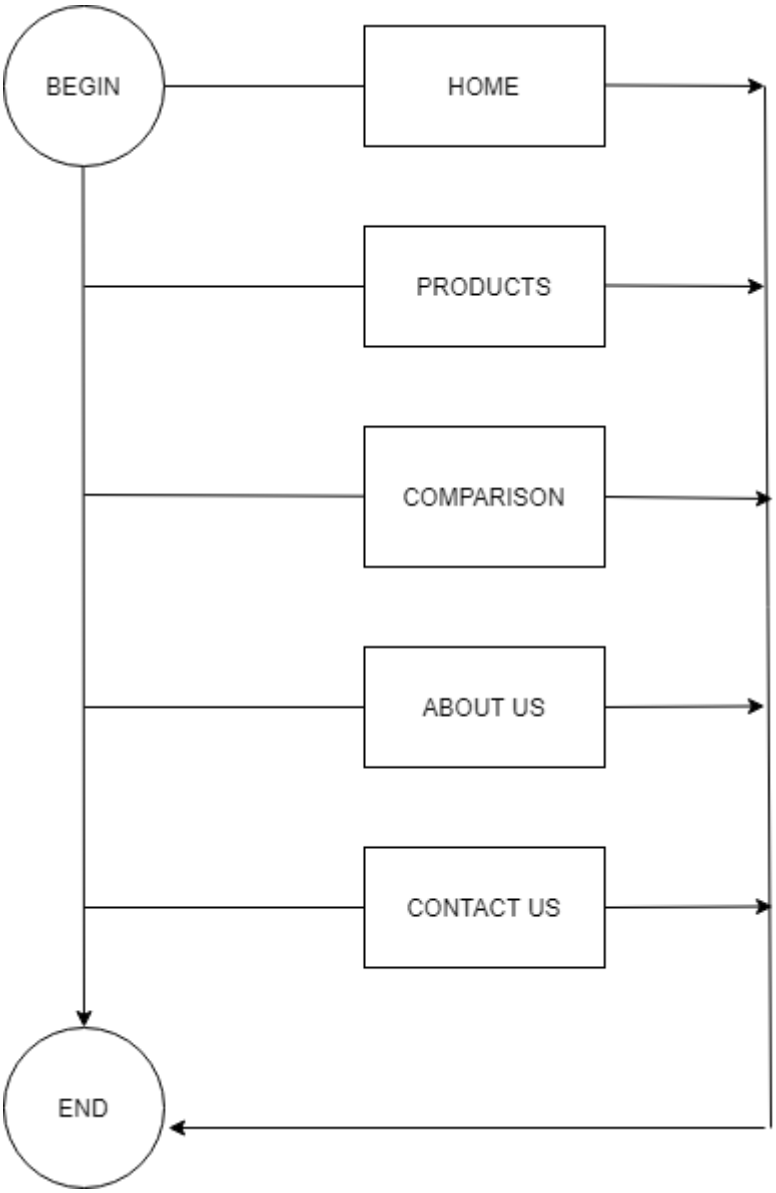


Diagram of the website

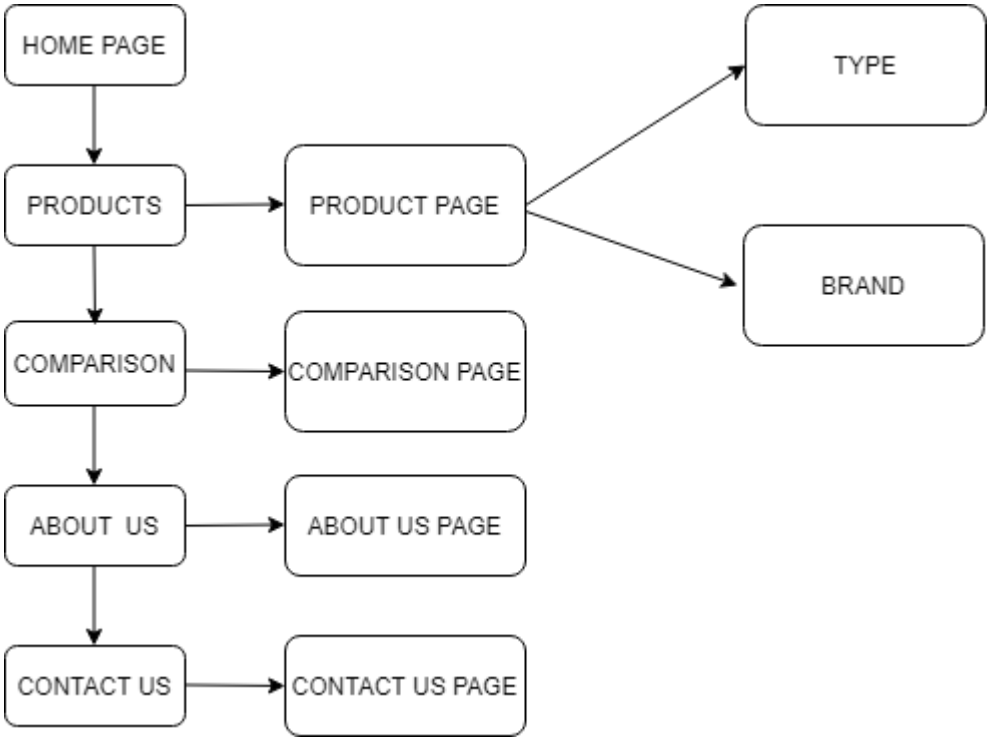


TASK SHEET REVIEW 1

Project Ref. No.: **eP/Advertisement Portal Management System/01**		**Project Title:**	**Activity Plan Prepared By:**	**Date of Preparation of Activity Plan:**			
Sr. No.	**Task**			**Actual Start Date**	**Actual Days**	**Team Mate Names**	**Status**
1	Problem Statement	NEXTAG	Thu	13-Nov-20	1	Thu	Completed
2	Analysis of NEXTAG requirements about the website			13-Nov-20	1	Thu	Completed
3	The scope of the work (in brief)			13-Nov-20	1	Thu	Completed
4	Architecture and design of the system			13-Nov-20	1	Dung	Completed
5	Diagram of the website			13-Nov-20	1	Dung	Completed
6	Task Sheet			13-Nov-20	1	Dung	Completed

Date:	
Signature of Instructor: **Ms. Le Mong Thuy**	Signature of Team Leader: **Nguyen Thi Minh Thu**

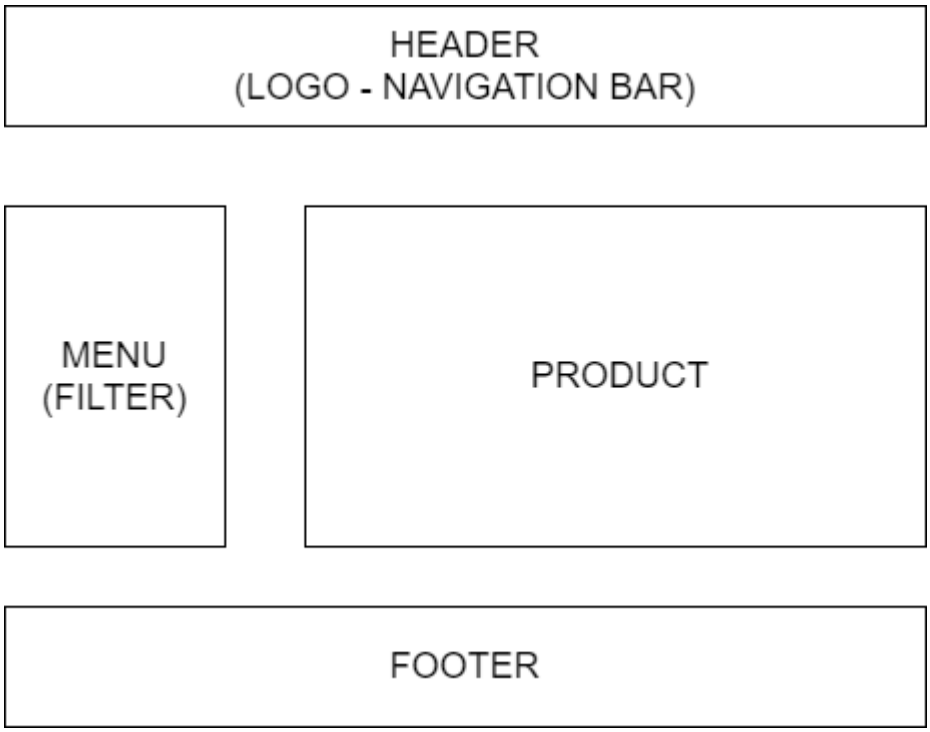
SITE MAP


HOME PAGE
PRODUCTS
PRODUCT PAGE
TYPE
BRAND
COMPARISON
COMPARISON PAGE
ABOUT US
ABOUT US PAGE
CONTACT US
CONTACT US PAGE

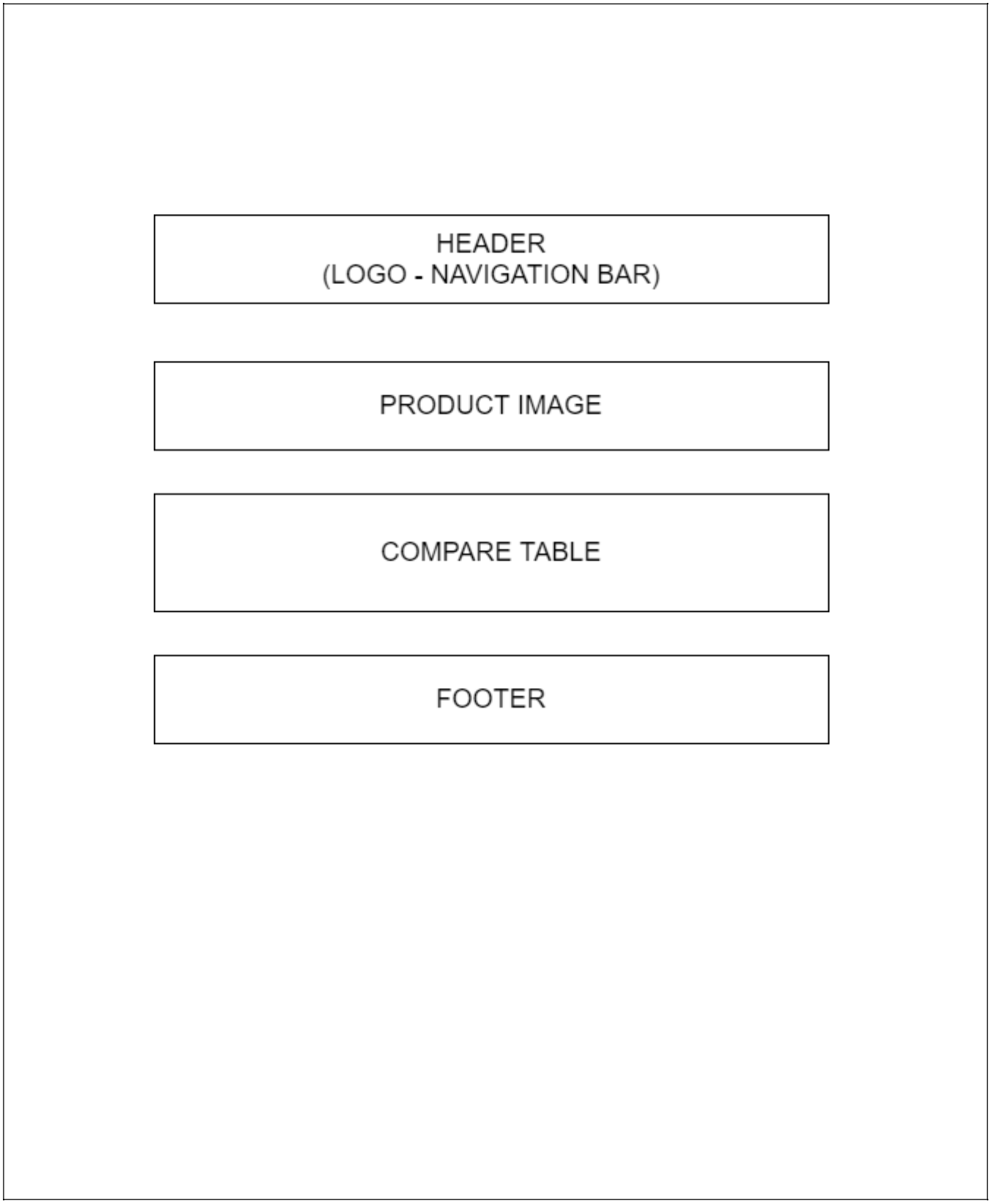
MOCK OF THE WEBSITE

1. Homepage

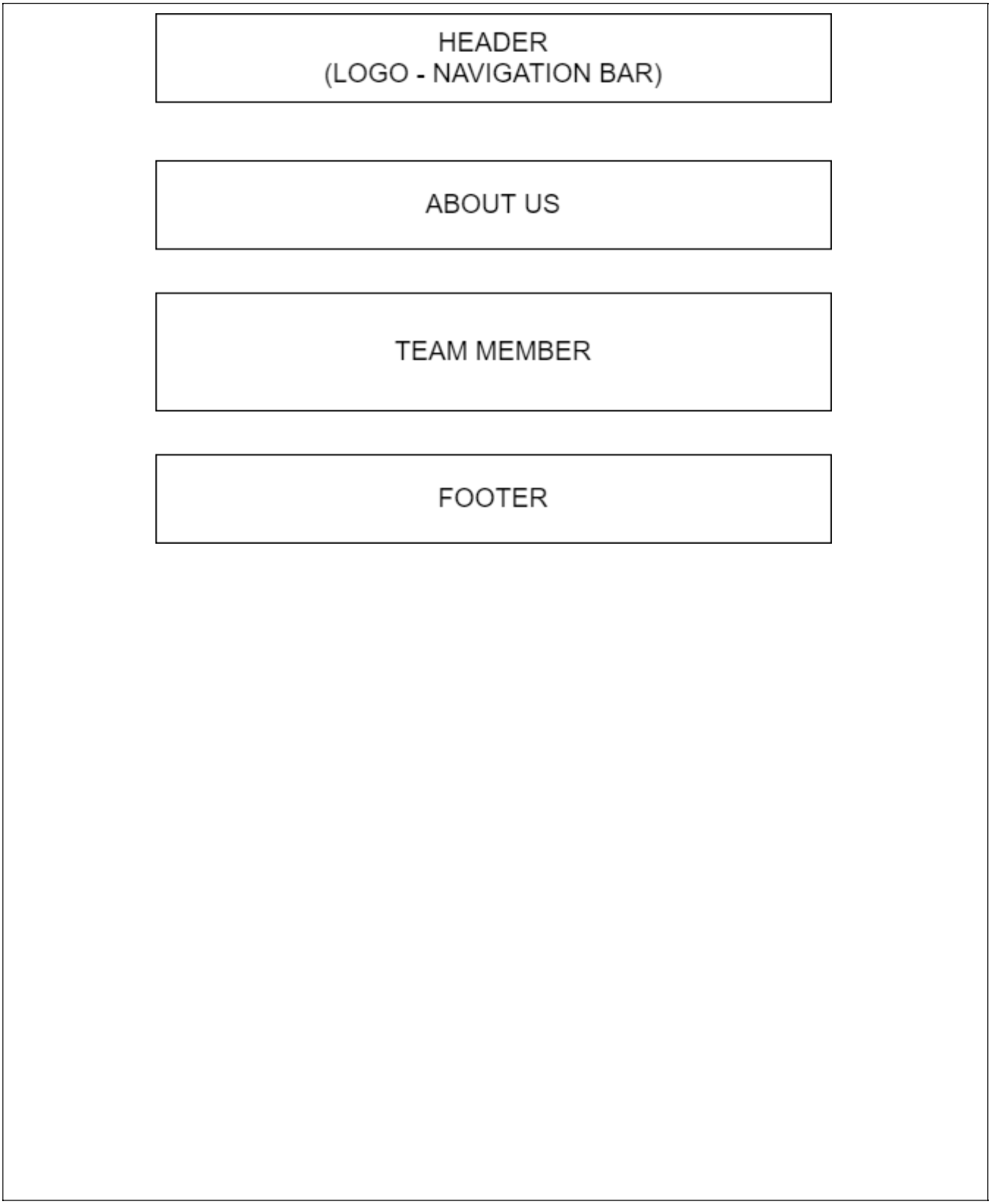
2. Product



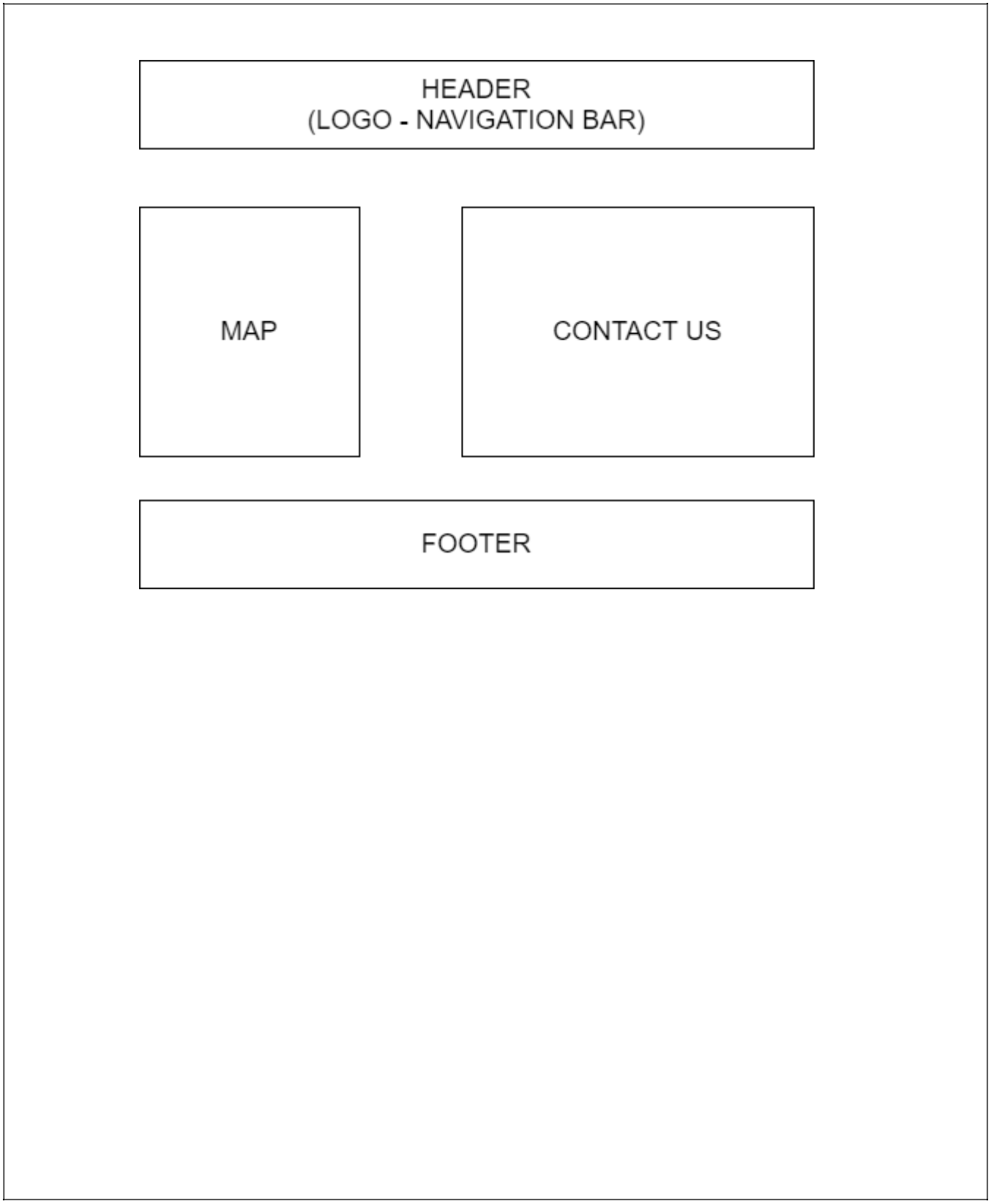
3. Comparison



4. About us



5.Contact us



TASK SHEET REVIEW 2

Project Ref. No.: **eP/Advertisement Portal Management System/01**		**Project Title:**	**Activity Plan Prepared By:**	**Date of Preparation of Activity Plan:**			
Sr. No.	**Task**			**Actual Start Date**	**Actual Days**	**Team Mate Names**	**Status**
1	Site map	NEXTAG	Thu	13-Nov-20	1	Dung	Completed
2	Mock of the website			13-Nov-20	1	Thu	Completed
3	Task sheet			13-Nov-20	1	Dung	Completed

Date:	
Signature of Instructor: **Ms. Le Mong Thuy**	Signature of Team Leader: **Nguyen Thi Minh Thư**

WEBSITE DESCRIPTION

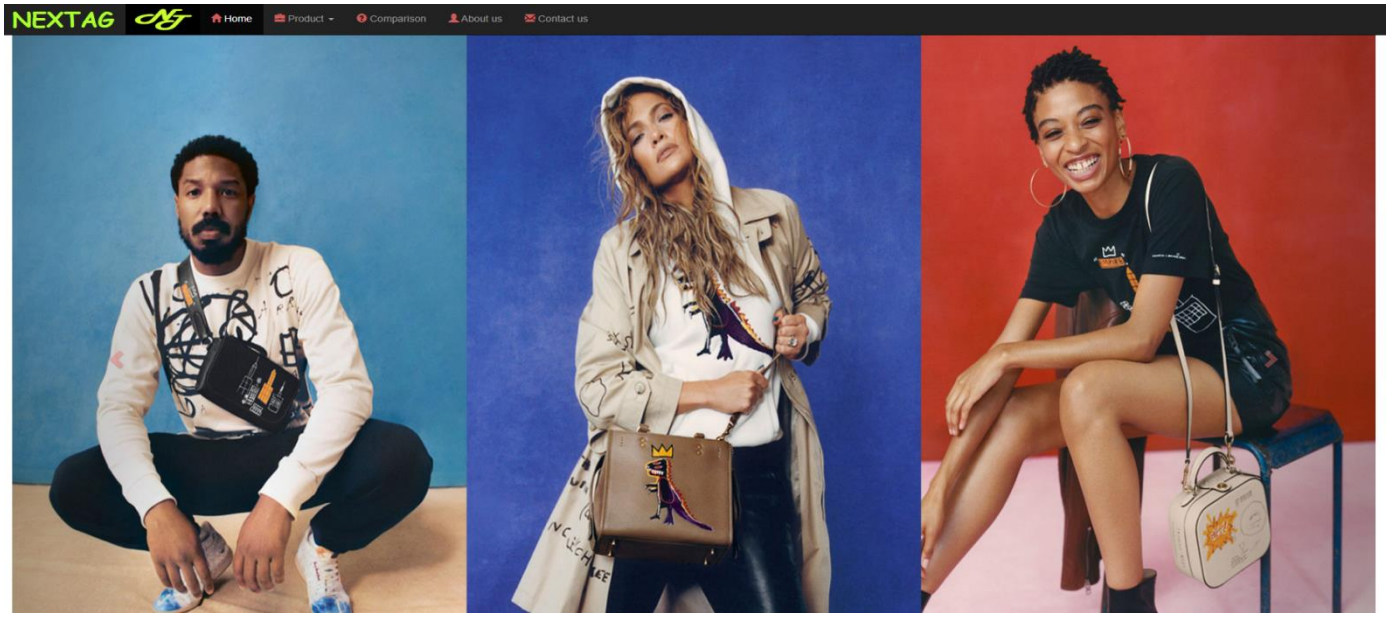
1. Home Page

a)Description

Home page displays following information:

- Logo brands.
- Selling product.
- New product.

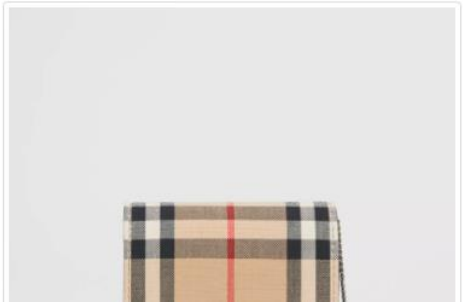
b)Screen shot

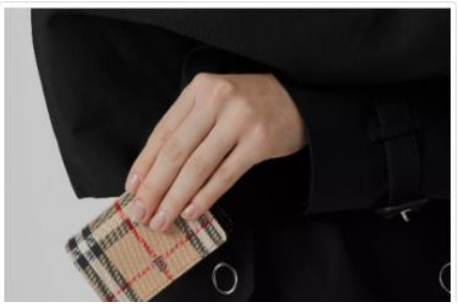


BRANDS

BEST-SELLING PRODUCTS

NEW ARRIVALS





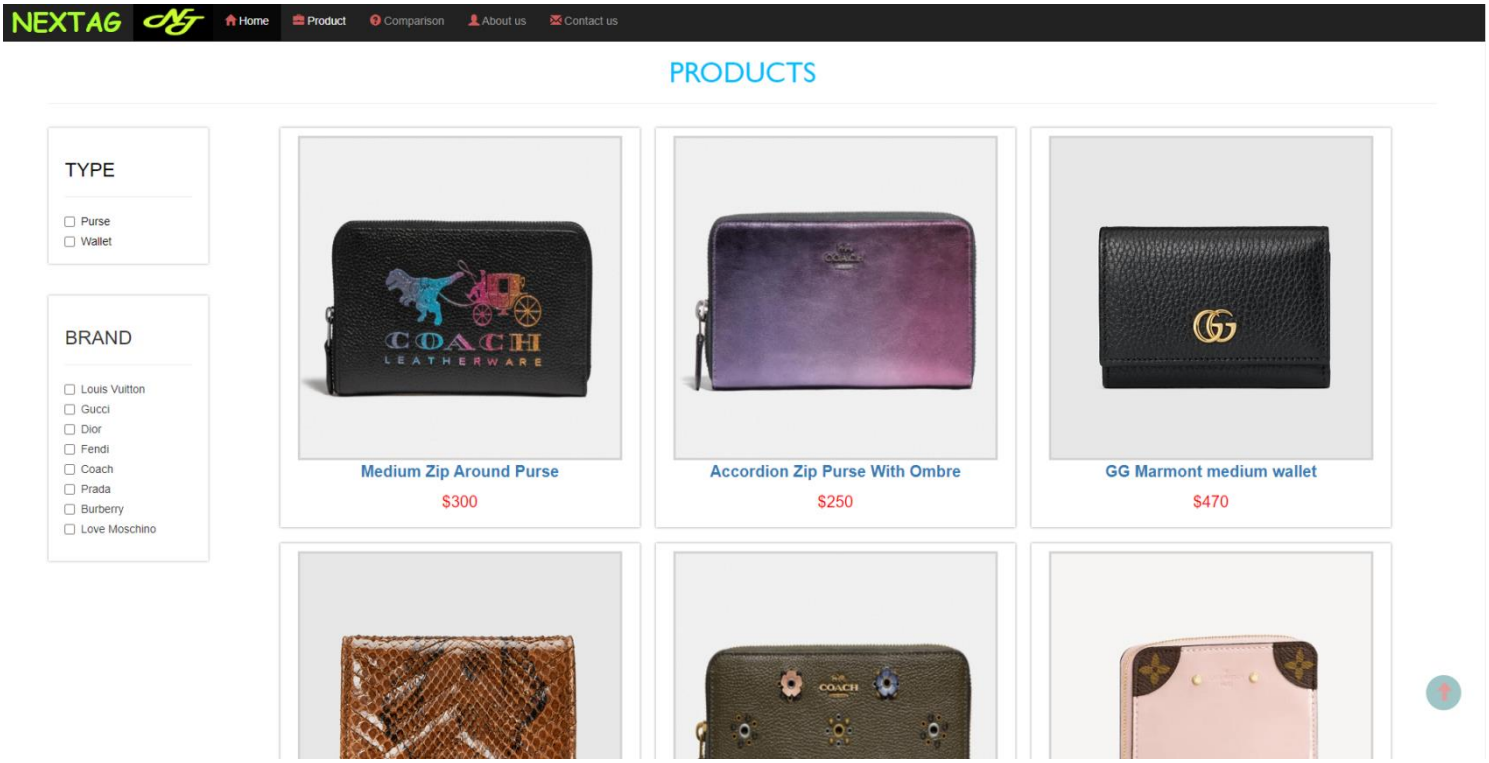
2. Product

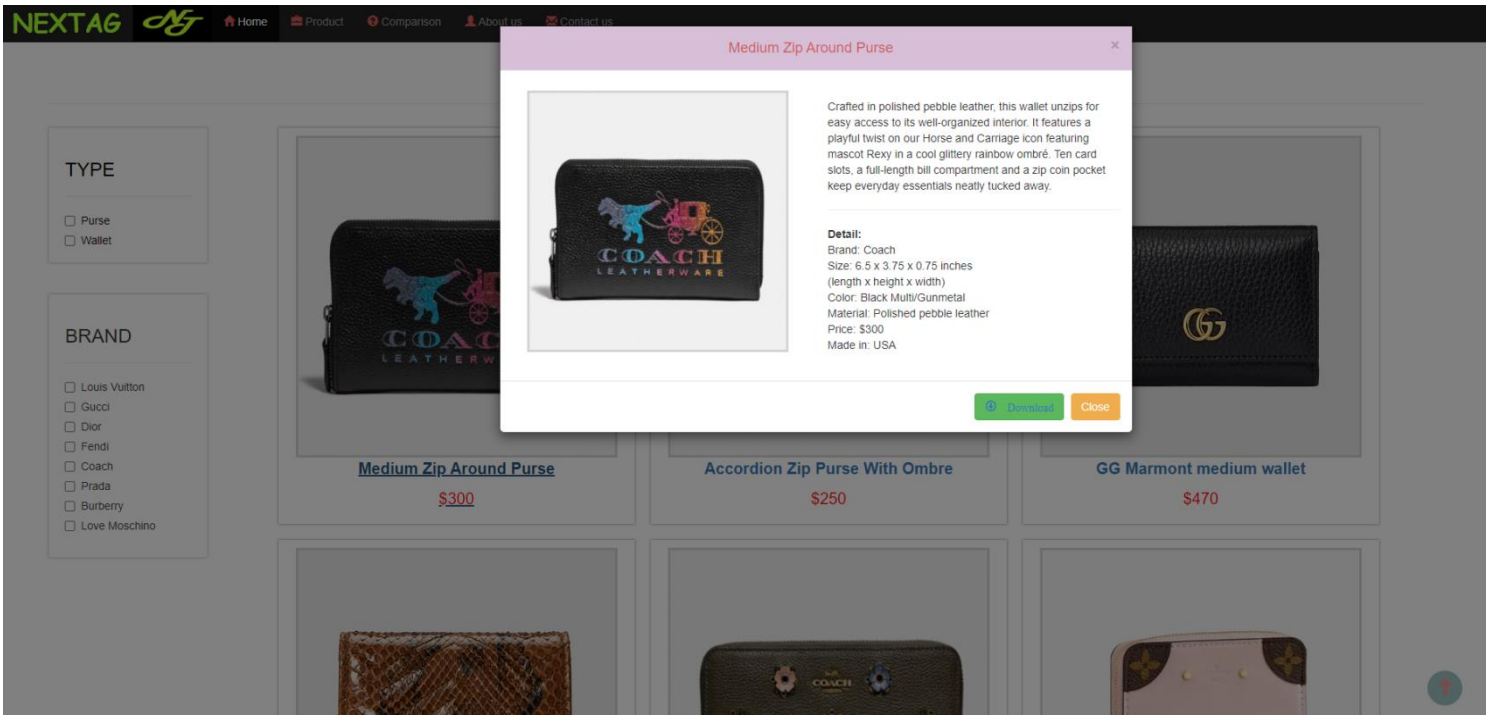
a) Description

This shop page displays following information:

- All product that being sold at NEXTAG, when click on 1 specific item, it will show the detail of that item
- Menu filter and search window to easily find items based on type and brand.

b) Screen shot



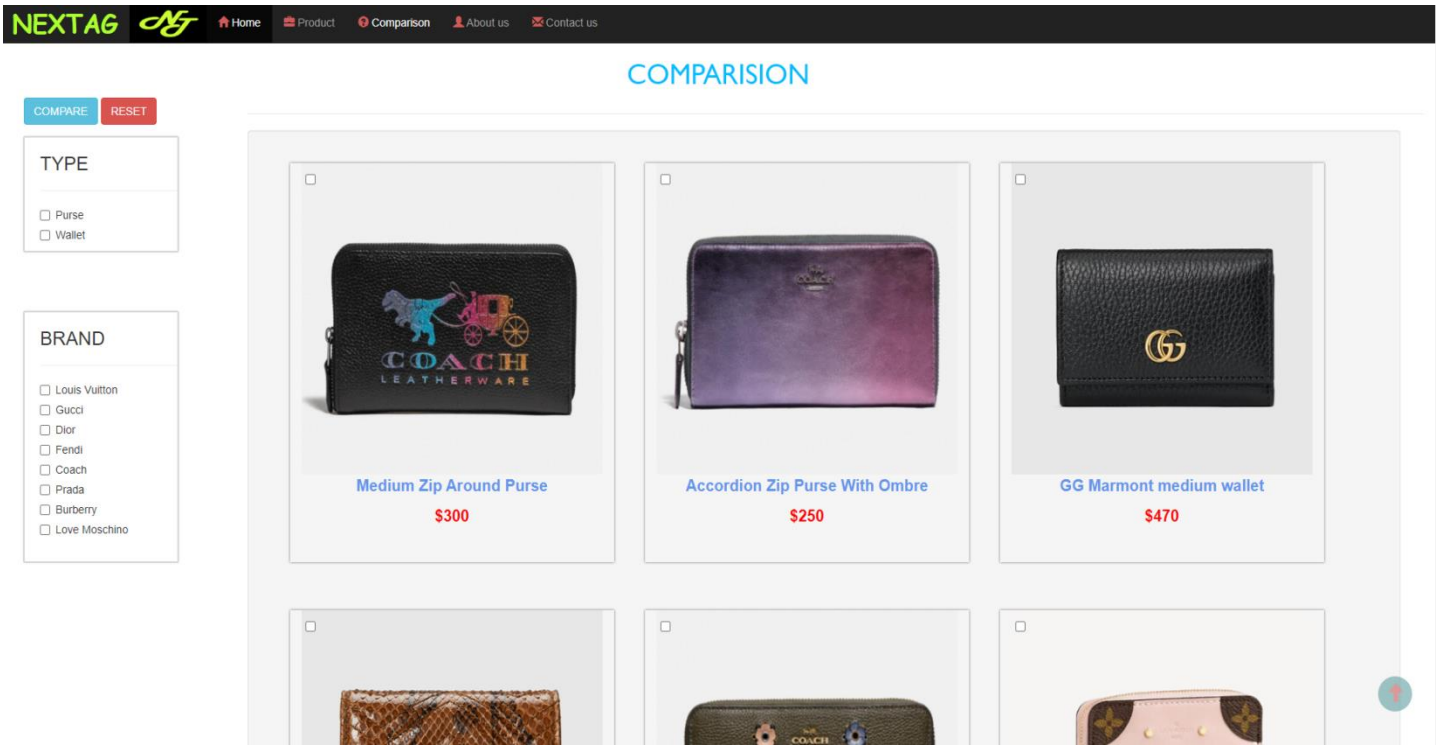


3. Compararison

a) Description

This webpage section allows users to make comparison between products provided in the website. Users need to choose which kind of products they wish to compare and then it will open the compared table.

b) Screen shot

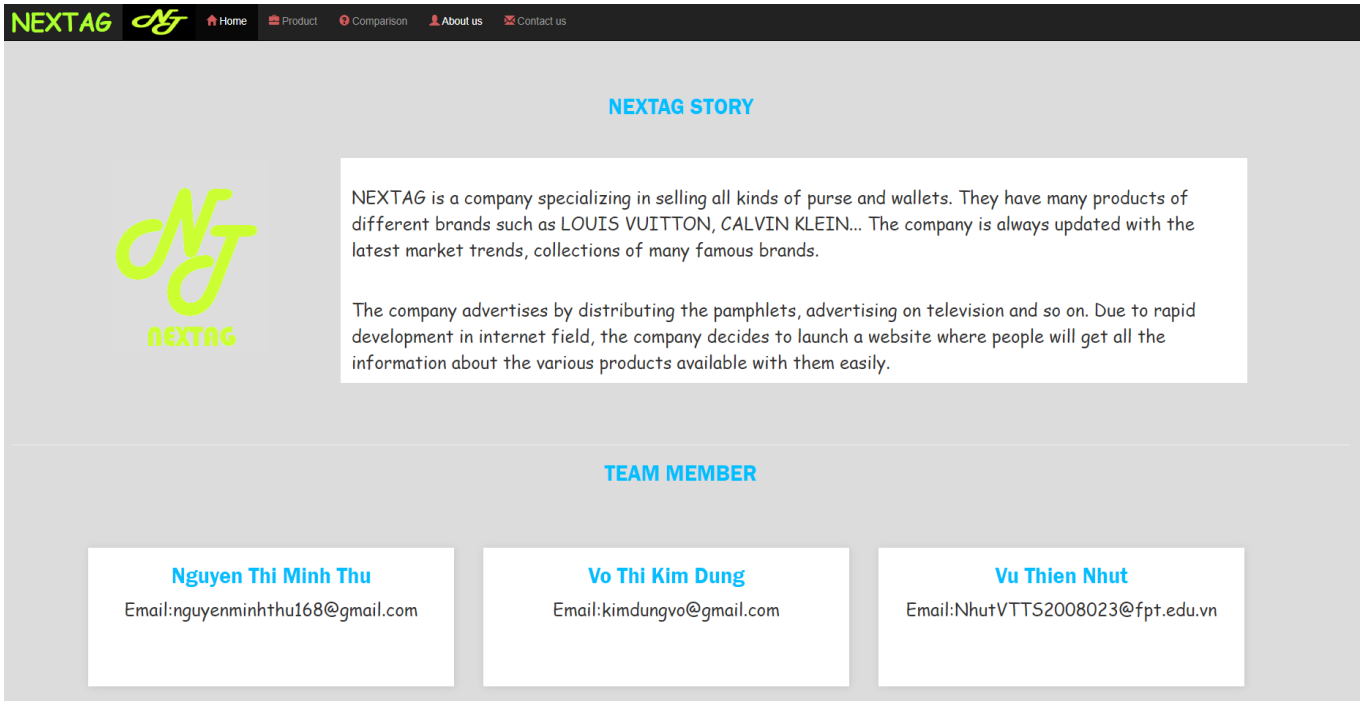


4. About us

a) Description

This page displays information about the history of Rhythm House, our service that we provide and our team member.

b) Screen shot

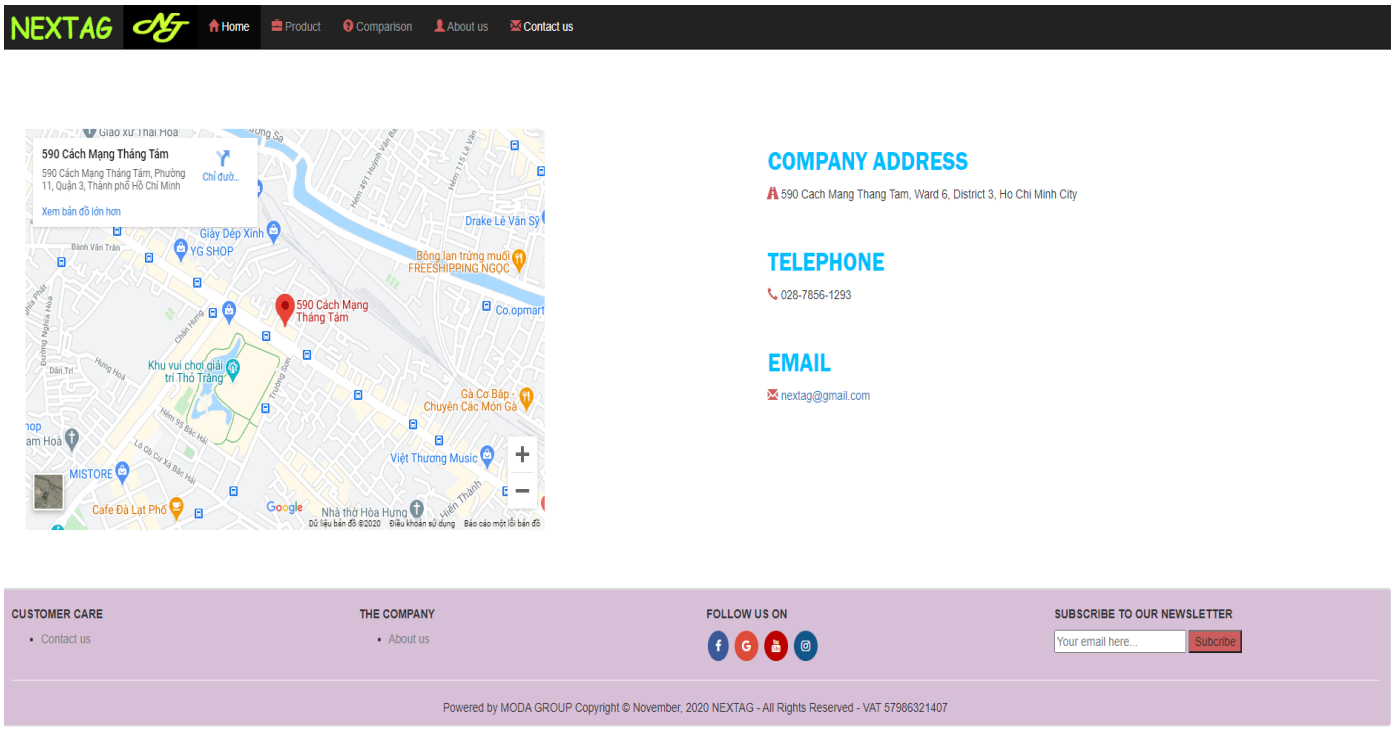


5. Contact us

a) Description

This page displays contact information: location, address, telephone and email

b) Screen shot



JAVASCRIPT DESCRIPTION

1.Filter javascript

a) Description

This script used for filtering items in the shop page based on type and brand.

b) Screen shot

```
$(document).ready(function () {
    var data = [];
    $.getJSON("js/data.json", function (items) {
        // console.log(items);
        data = items;
        displayImages(data);

    });
    //lap trinh su kien click chon loai san pham
    $("input[type=checkbox]").click(function () {

        var types =
            $('input:checkbox[name="type"]:checked')
                .map(function () {
                    return $(this).val();
                }).get();

        types = types.toString();
        if (types == "Wallet" || types == "Purse") {
            let subdata = (types.length == 0) ? data : data.filter(item => types.search(item.type) >= 0);
            displayImages(subdata);
        }
        else {
            let subdata = (types.length == 0) ? data : data.filter(item => types.search(item.brand) >= 0);
            displayImages(subdata);
        }
```

2. Create modal javascript

a) Description

This script used for displaying detail of item when clicked.

b) Screen shot

```
        function displayImages(items) {
            let s = ``;

            $.each(items, function (k, v) {

                s += `<a data-toggle="modal" href="#${v.id}"><div class="col-sm-6 col-md-4 divImage">
                        <img src="images/${v.link}" alt="" class="Image">
                        <p style="font-size:2rem;">
                            <b>${v.name}</b></p>
                           <p id="cost"> ${v.cost}</p></a>

                        <p><!-- Modal -->
    <div id="${v.id}" class="modal fade" role="dialog">
        <div class="modal-dialog">

            <!-- Modal content-->
            <div class="modal-content">
                <div class="modal-header">
                        <button type="button" class="close" data-dismiss="modal">&times;</button>
                        <h4 class="modal-title"><span>${v.name}</span></h4>
                    </div>
                    <div class="modal-body">
                        <p><div class="row">
                            <div class="col-sm-6 col-md-6">
                                <img src="images/${v.link}" alt="" class="Image" style="height:330px">
                            </div>
                            <div class="col-sm-6 col-md-6" style="text-align:left">
                                <p>       ${v.description}</p><hr>
                                <p><b>Detail:</b><br>
                                   Brand: ${v.brand}<br>
                                   Size: ${v.size}<br>
                                   Color: ${v.color}<br>
                                   Material: ${v.material}<br>
                                   Price: ${v.cost}<br>
                                   Made in: ${v.made}
                                </p>
                            </div>
                        </div></p>
                    </div>
```

```
                <div class="modal-footer">
                    <button type="button" class="btn btn-success">
                        <a href="Nextag_product.pdf"<span class="glyphicon glyphicon-download"></span> Download</button></a>
                    <button type="button" class="btn btn-warning" data-dismiss="modal">Close</button>
                </div>
            </div>

        </div>
    </div>
                        </p>
                    </div> `;
            });

            $("#products").html(s);
        }
```

3. Create function compare javascript

a) Description

This script used for comparing detail of products when clicked chexbox mark of each product.

b) Screen shot

```
function myCompare() {
    var product = document.getElementsByName("product");
    var mark = new Array();
    for (var i = 0; i < product.length; ++i) {
        if (product[i].checked == true) {
            mark.push(product[i].value);
        }
    }

    if (mark.length < 2 || mark.length > 4) {
        alert("Please take at least 2 products and at most 4 products !" + "\n");
        $("#note").append(
            '<div class = "alert alert-danger"><strong>You have chosen "' + mark.length + '" product !</strong>' +
            '<p>Click RESET to COMPARE again!</p>' +
            '</div>'
        )
        $("#information, #product").hide(function () {
            $(".Image").show();
            $("#showshop").fadeIn(1000);
        })
    } else {
        var arr = new Array();
        for (var i = 0; i < mark.length; ++i) {
            for (var j = 0; j < ds.length; ++j) {
                if (ds[j].id == mark[i]) {
                    arr.push(ds[j]);
                    break;
                }
            }
        }
        $("#information").append(
            '<div class="row border rowImage">' +
            '<p style="line-height:10em; ">Image</p>' +
            '</div>' +
            '<div class="row border">' +
            '<p>Name</p><br>' +
            '</div>' +
            '<div class="row border">' +
            '<p>Color</p>' +
```

```
            '</div>' +
            '<div class="row border">' +
            '<p >Size</p><br>' +
            '</div>' +
            '<div class="row border">' +
            '<p>Made in</p>' +
            '</div>' +
            '<div class="row border">' +
            '<p>Price</p>' +
            '</div>'
        );
        var n = Math.floor(12 / mark.length);
        for (var i = 0; i < mark.length; ++i) {
            $("#product").append(
                '<div class="col-xs-' + n + '">' +
                '<div class="row border rowImage">' +
                '<img src="images\\' + arr[i].link + '" alt="img" height = "100%">' +
                '</div>' +
                '<div class="row border">' +
                '<p>' + arr[i].name + '</p><br>' +
                '</div>' +
                '<div class="row border">' +
                '<p>' + arr[i].color + '</p>' +
                '</div>' +
                '<div class="row border">' +
                '<p>' + arr[i].size + '</p>' +
                '</div>' +
                '<div class="row border">' +
                '<p>' + arr[i].made + '</p>' +
                '</div>' +
                '<div class="row border">' +
                '<p>' + arr[i].cost + '</p>' +
                '</div>' +
                '</div>'
            );
        }
    }

};
```

```
function myReset() {
    var product = document.getElementsByName("product");
    for (var i = 0; i < product.length; ++i) {
        product[i].checked = false;
    }
    $("#note").empty();
}

$(function () {
    $("#compare").click(function () {
        $("#information, #product").empty();
        $("#showshop").hide(function () {
            myCompare();
            $("#information, #product").fadeIn(1000);
        });

    })

    $("#reset").click(function () {
        myReset();
        $("#information, #product").fadeOut();
        $("#showshop").fadeIn(1000);
        $("#product").empty();
    })
})
```

4. Create scollbar javascript

a) Description

This script used for create scollbar for the webpage when clicked the page to the top of page.

b) Screen shot

```
$(window).scroll(function () {
    if ($(this).scrollTop() > 100) {
        $('#on_top').fadeIn();
    } else {
        $('#on_top').fadeOut();
    }
});
$('#on_top').click(function () {
    $("html, body").animate({ scrollTop: 0 }, 600);
    return false;
});
```

TASK SHEET REVIEW 3

Project Ref. No.: ***eP/Advertisement Portal Management System/01***		***Project Title:***	***Activity Plan Prepared By:***	***Date of Preparation of Activity Plan:***			
Sr. No.	***Task***			***Actual Start Date***	***Actual Days***	***Team Mate Names***	***Status***
1	*Home page*	*NEXTAG*	*Thu*	23-Nov-20		*Dung*	*Completed*
2	*Product*			4-Dec-20		*Dung and Thu*	*Completed*
3	*Comparision*			4-Dec-20		*Thu*	*Completed*
4	*About us*			27-Nov-20		*Thu*	*Completed*
5	*Contact us*			27-Nov-20		*Dung*	*Completed*

Date:	
Signature of Instructor: **Ms. Le Mong Thuy**	Signature of Team Leader: **Nguyen Thi Minh Thu**