

HARVEL ELECTRIC

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Class	T1.2104.E0	
Group	6	
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Duration	Start date	14 th July 2021
	End date	14 th August 2021

This is to certify that

Mr.:

Nguyen Huu Dai

Chu Tu Minh Thanh

Nguyen Van Dung

has successfully designed & developed

eProject: Harvel Electric website

Submitted by:

Nguyen Huu Dai

Date of issue:

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 the eProject is that we need to create a website that meets all the requirements of the client, Harvel Electric. Harvel Electric is an energy company specializing in the supply of various electrical products. 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 quality electrical products for their home or company. In addition, the products have discounts and promotions for customers, especially the company also supports the direct installation of their products. Customer satisfaction is always the top goal of Harvel Electric.

PROBLEM DEFINITION

The Web site is to be created based on the following requirements.

- 1) The Home Page should be created making use of Sections with a suitable logo
- 2) 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.
- 3) The information should be categorized according to different type of products like if a User wants to see only 'FANS' then he click on a Link/button/menu etc and he will see different type of FANS. Similarly for 'GEYSERS', 'CFL' and other products
- 4) When a user selects any product type, a list of products for that product type will be displayed.
- 5) 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.
- 6) Price List should be available for download.
- 7) There should be a "Contact Us" page which will have the Address of the Company 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).

CUSTOMER'S REQUIREMENTS SPECIFICATIONS (CRS)

Client: Harvel Electric

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.

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.

Input to the system:

- Searching products based on FANS, GEYSERS, CFL and other products.
- Register members on website.
- Feedback about the quality of products

Output from the system:

- Perform search based on: brand, product type, voltage, capacity...
- 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.

Expected delivery date: 22-July-2020.

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 Harvel Electric.
2. **Product:** Displays all available products based on the Category category (Fans, Geysers, CFL, Cables & Wires, Switches and Appliances). In the above categories, products can be filtered by name, capacity and price.
3. **Blog:** Display articles, news, equipment installation instructions...
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 Harvel Electric.
6. **Service:** Displays user inquiries, product documents, and product price lists for user downloads, freight services, and equipment installation.
7. **Sign In/ Sign Up:** Allow users sign up or sign in to the website.

ARCHITECTURE AND DESIGN OF THE SYSTEM

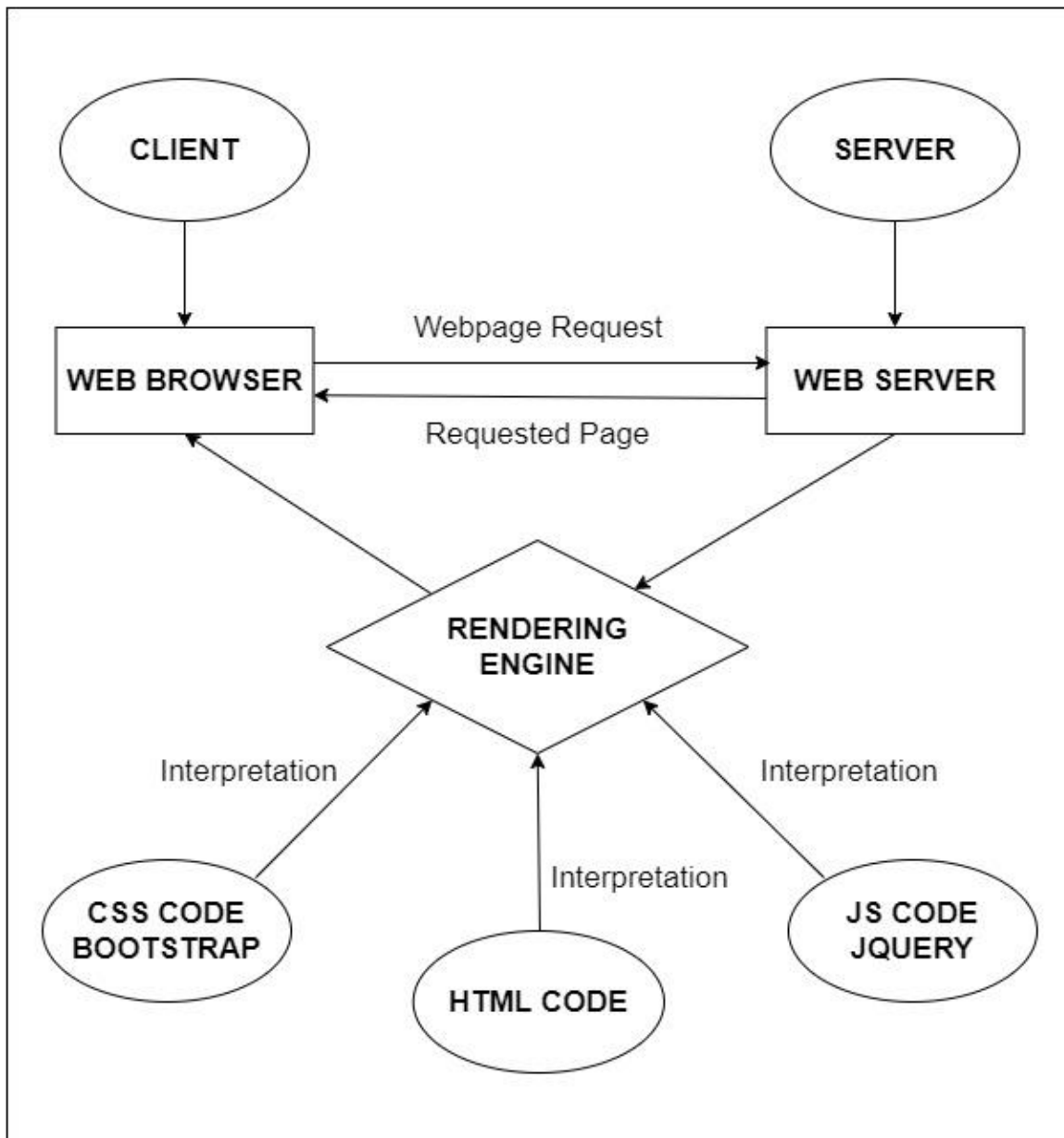
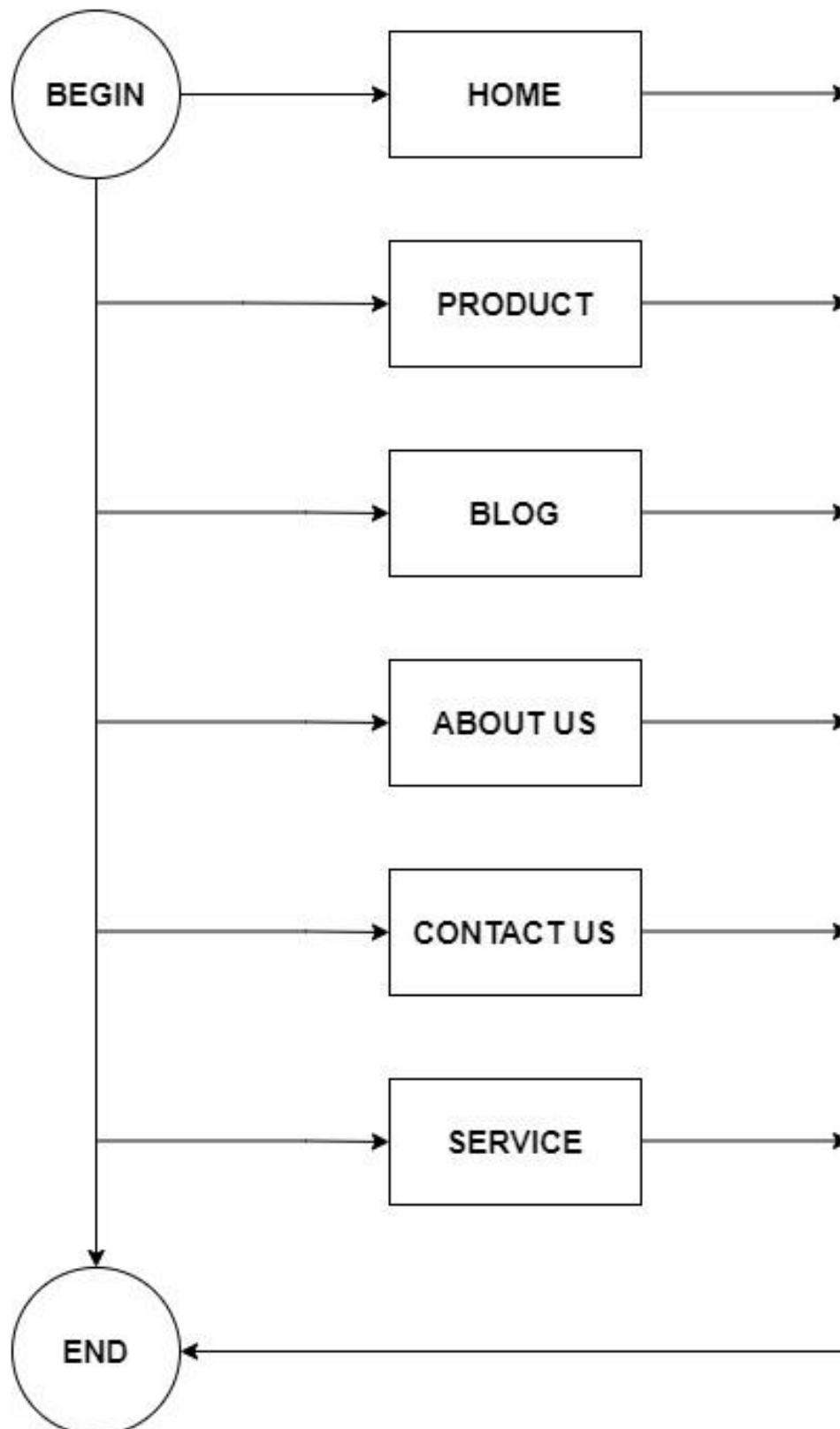
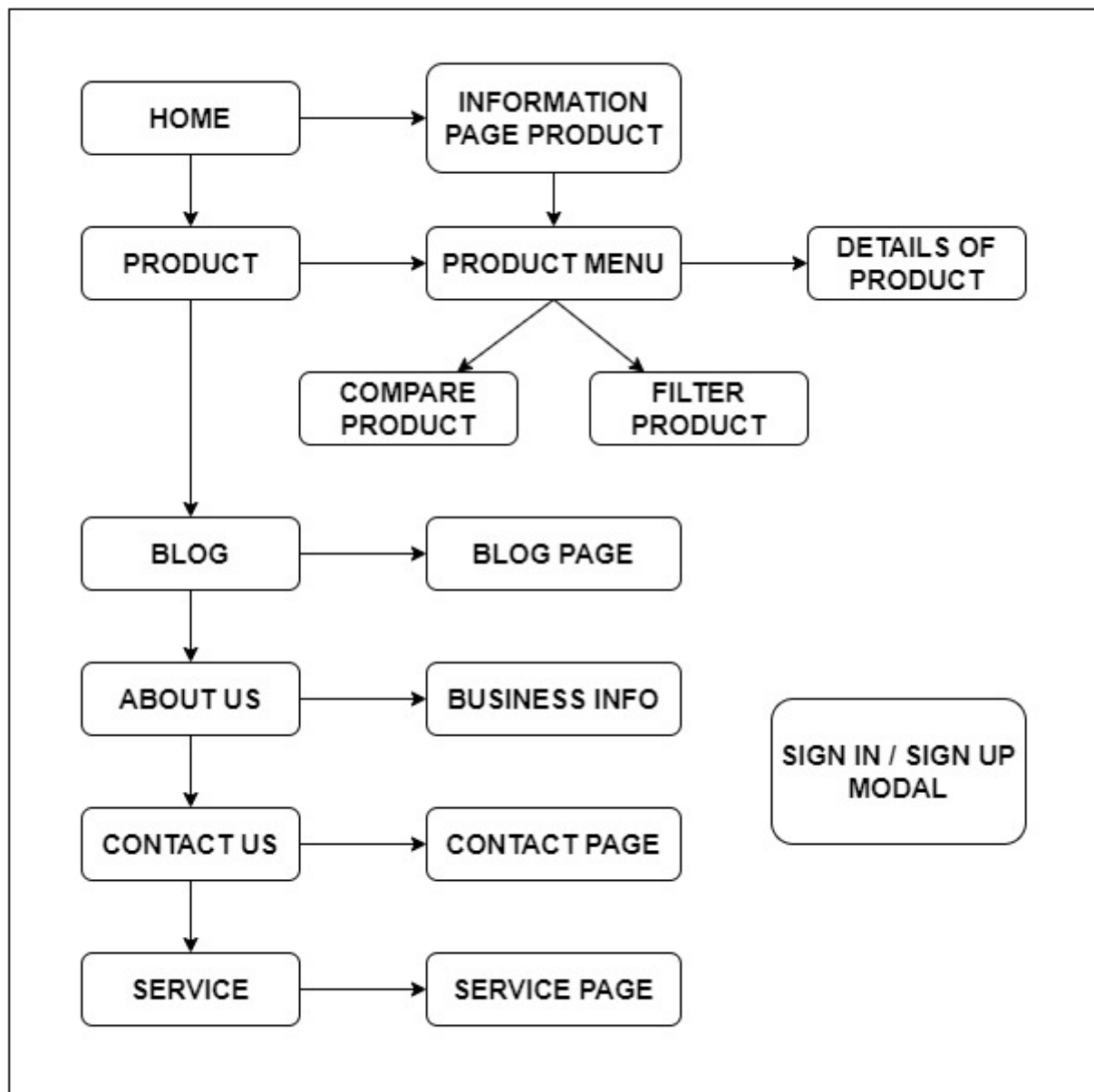


DIAGRAM OF THE WEBSITE

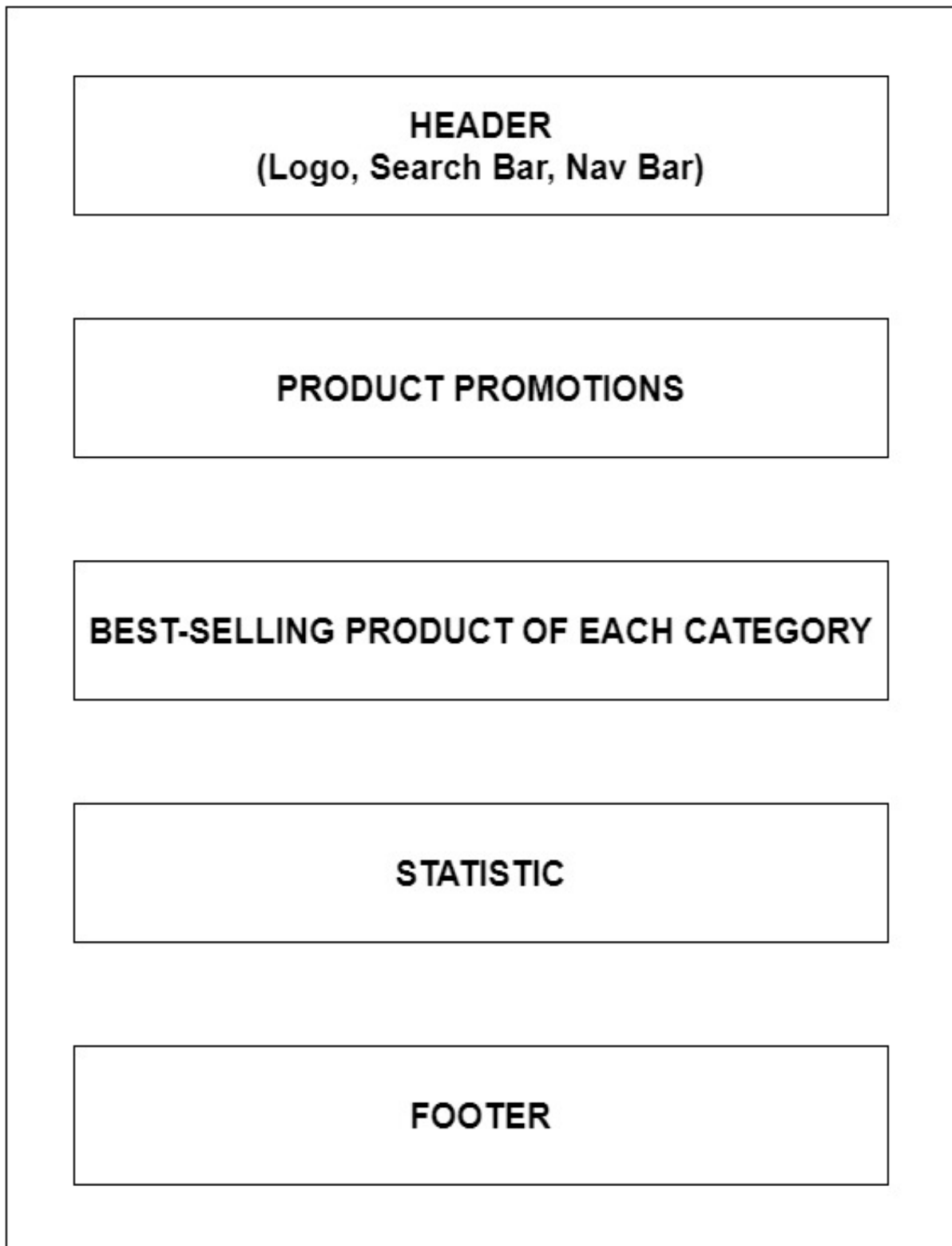


SITE MAP

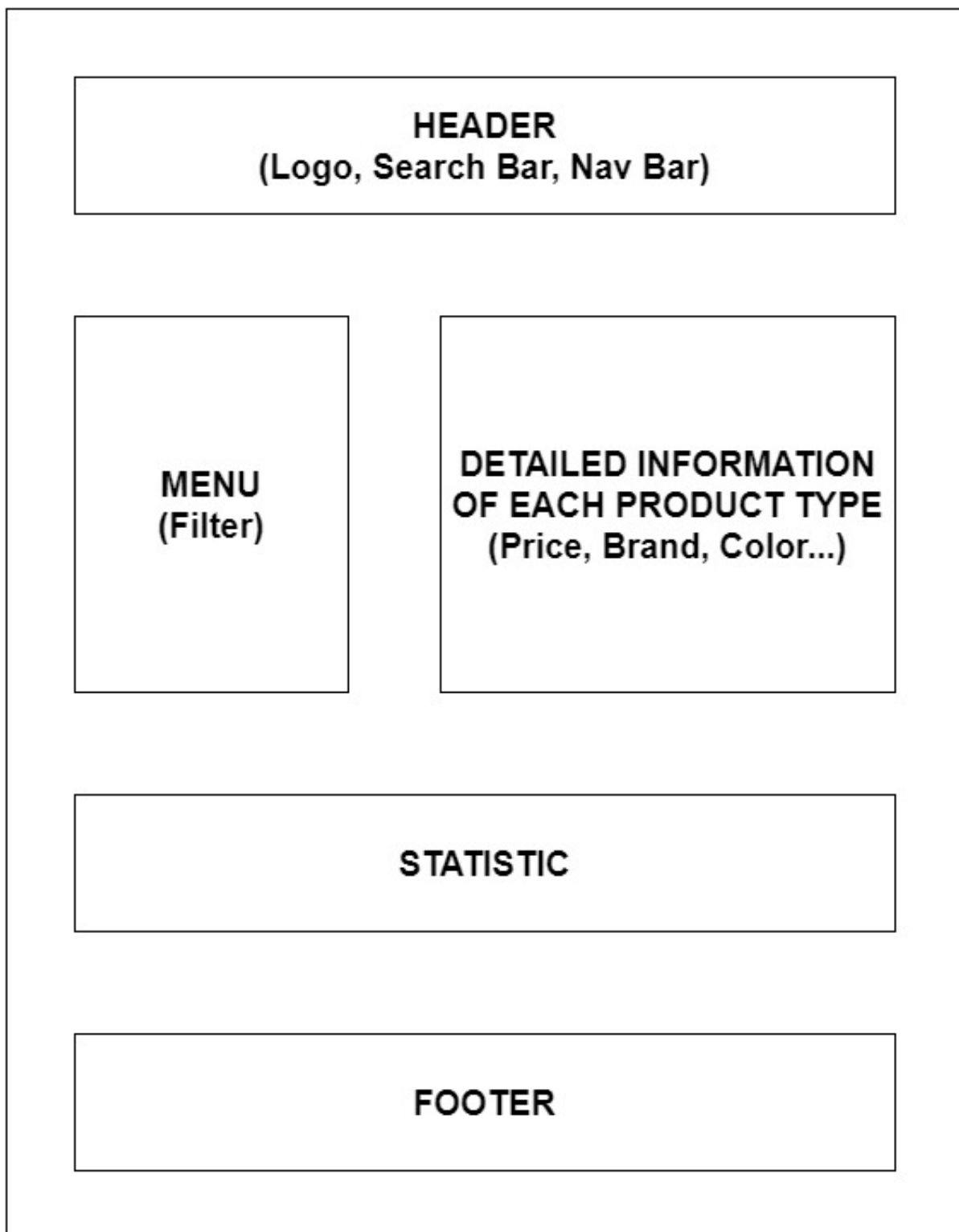


MOCK OF THE WEB SITE

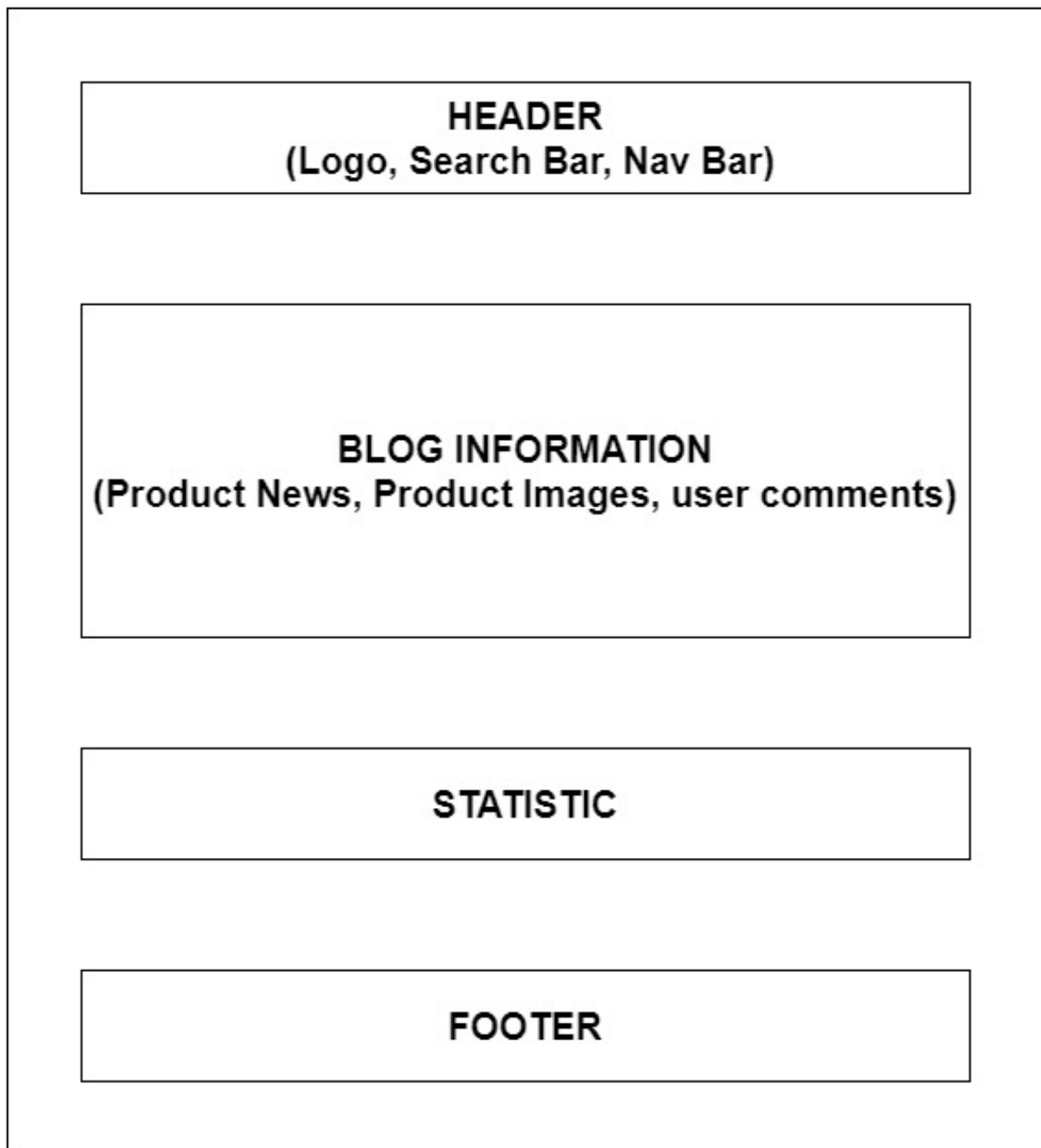
1. Homepage



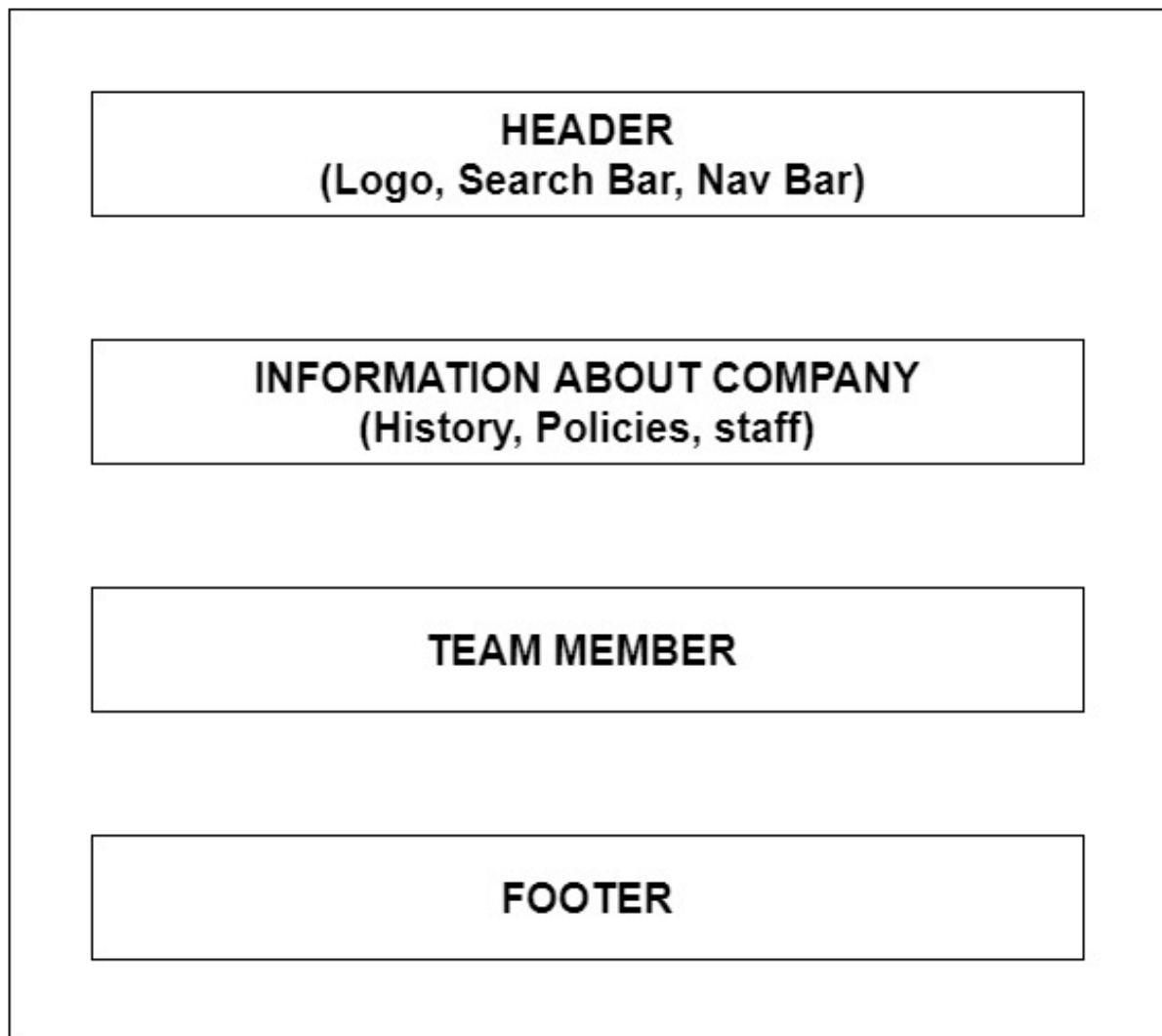
2. Product



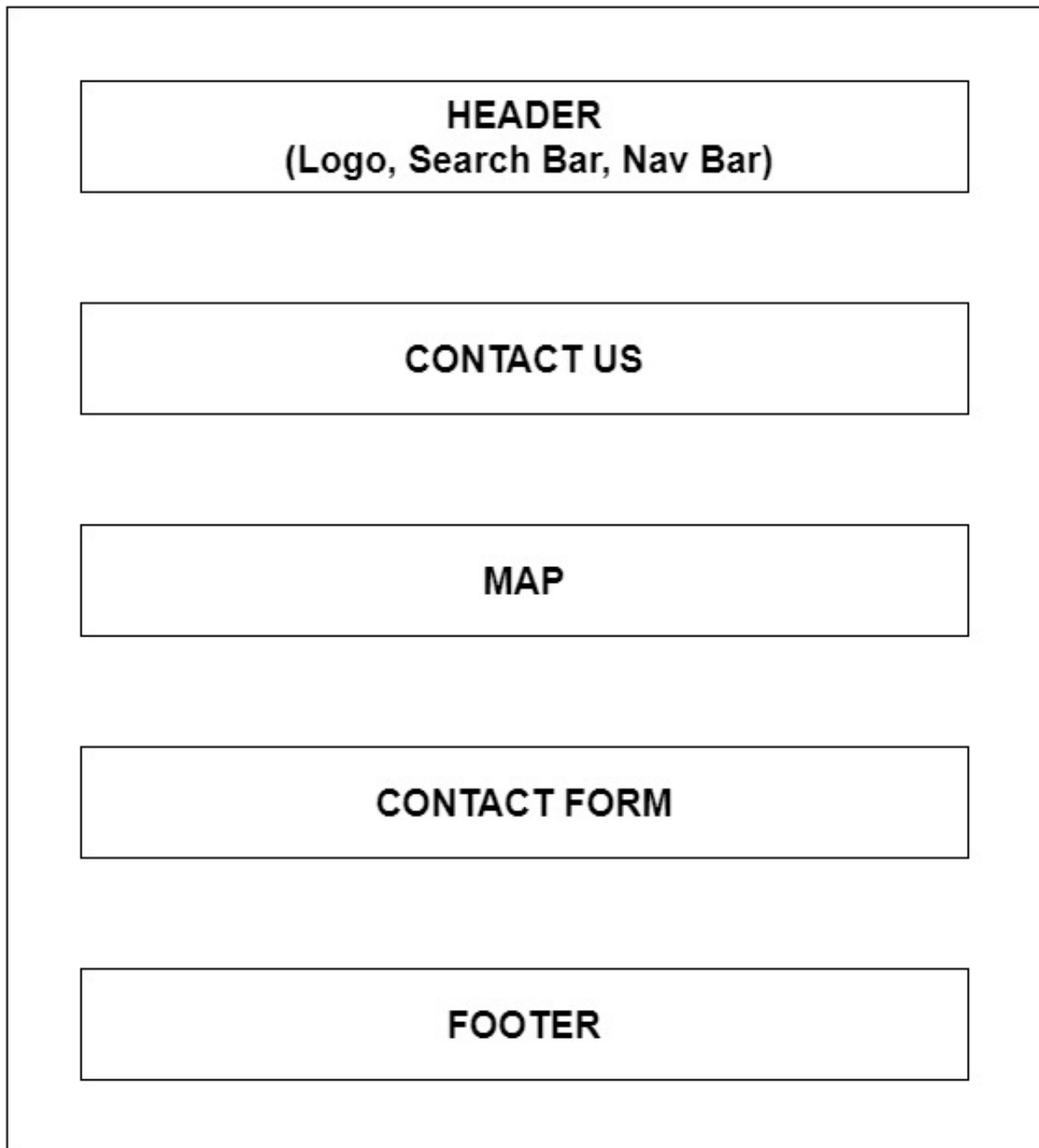
3. Blog



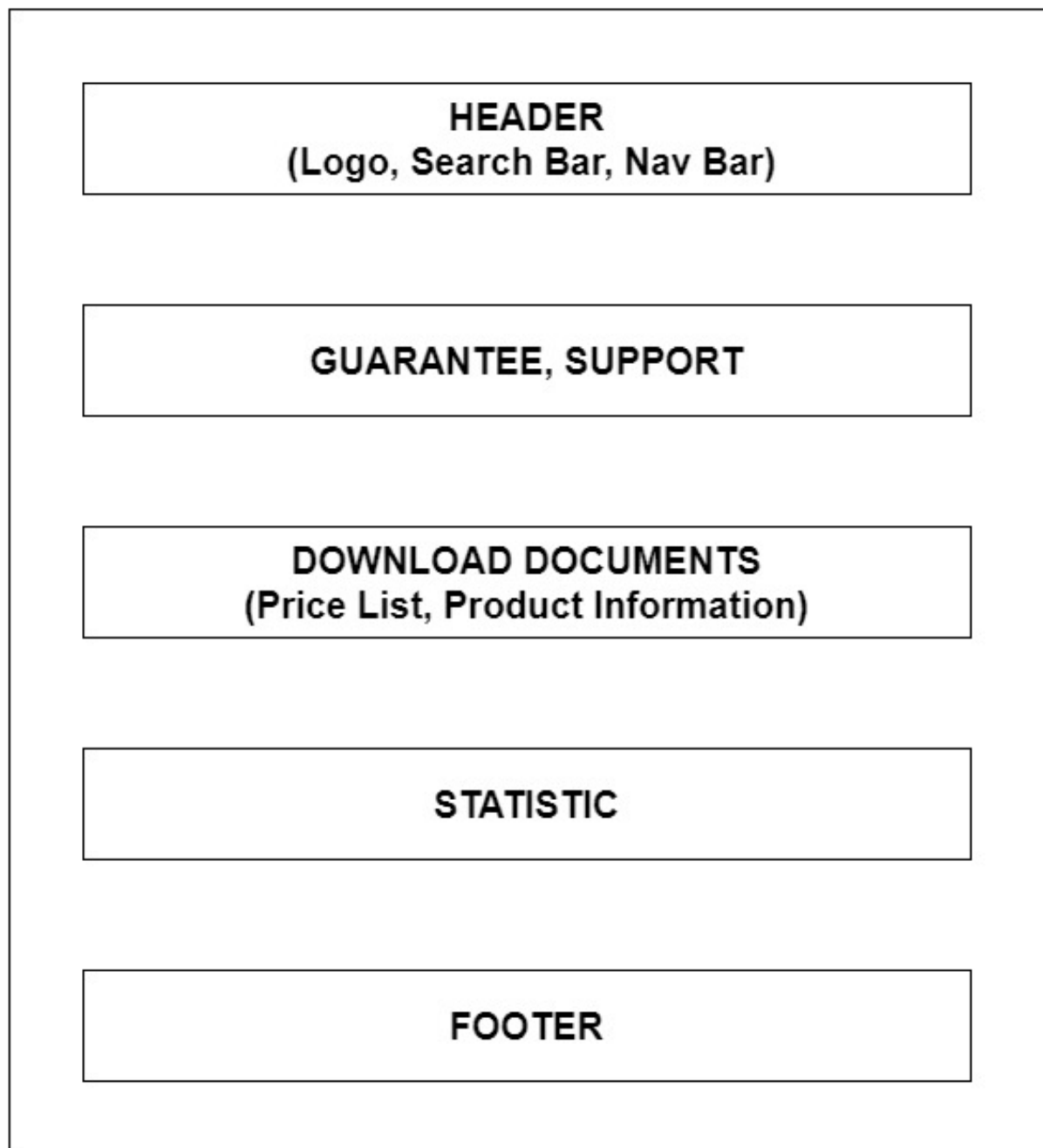
4. About Us



5. Contact Us



6. Service



7. Sign In/ Sign Up

MODAL (POPUP FORM)

SIGN IN

SIGN UP

WEBSITE DESCRIPTION

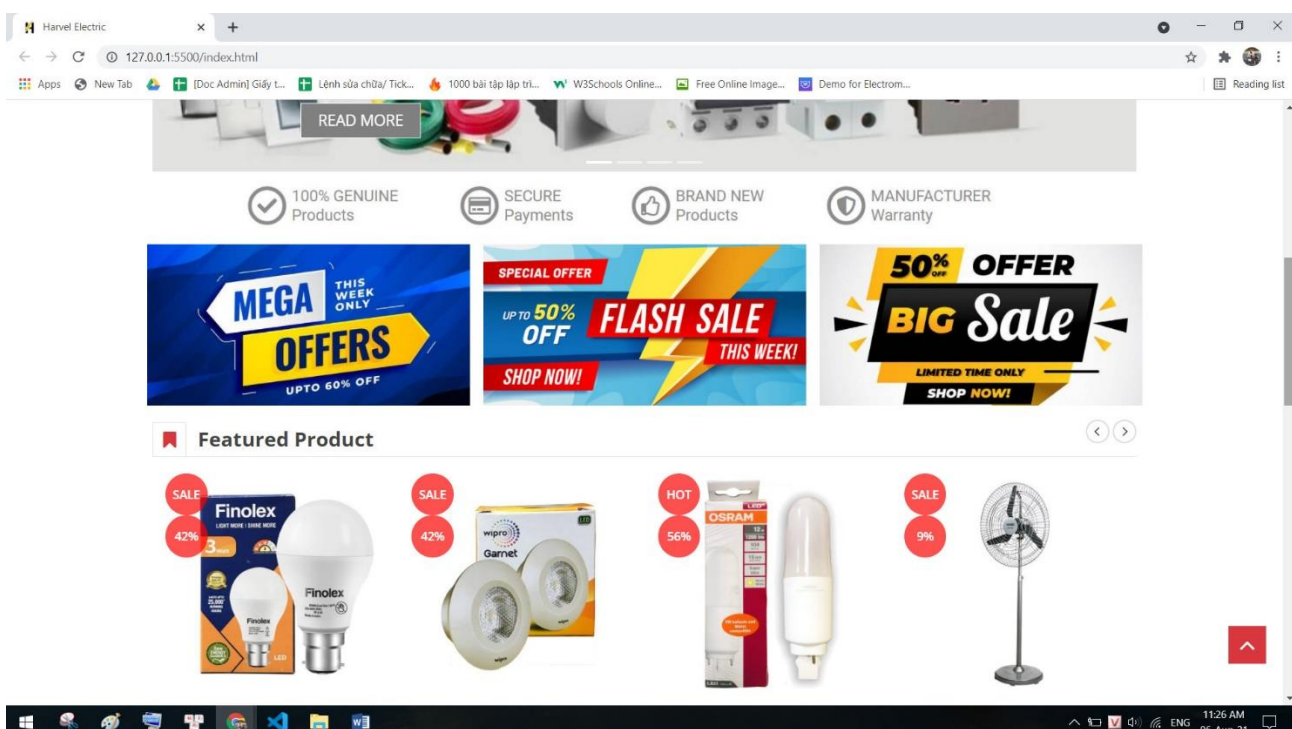
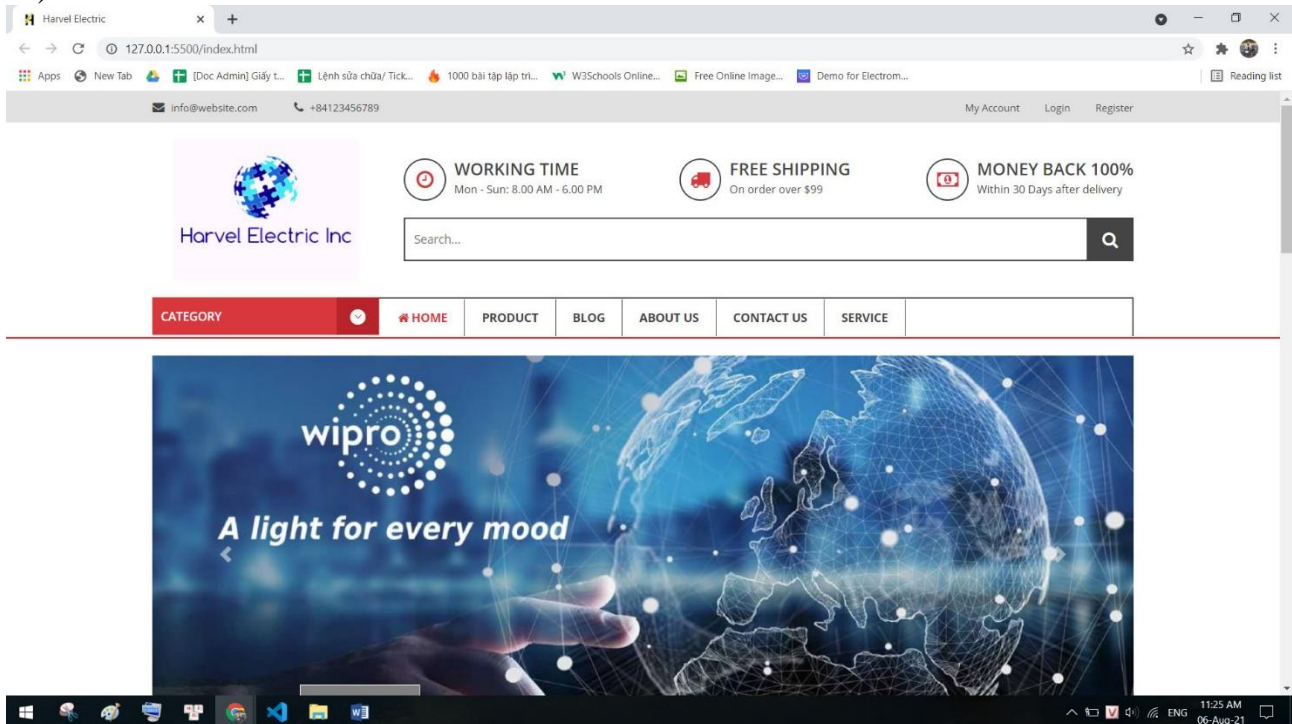
1. Homepage

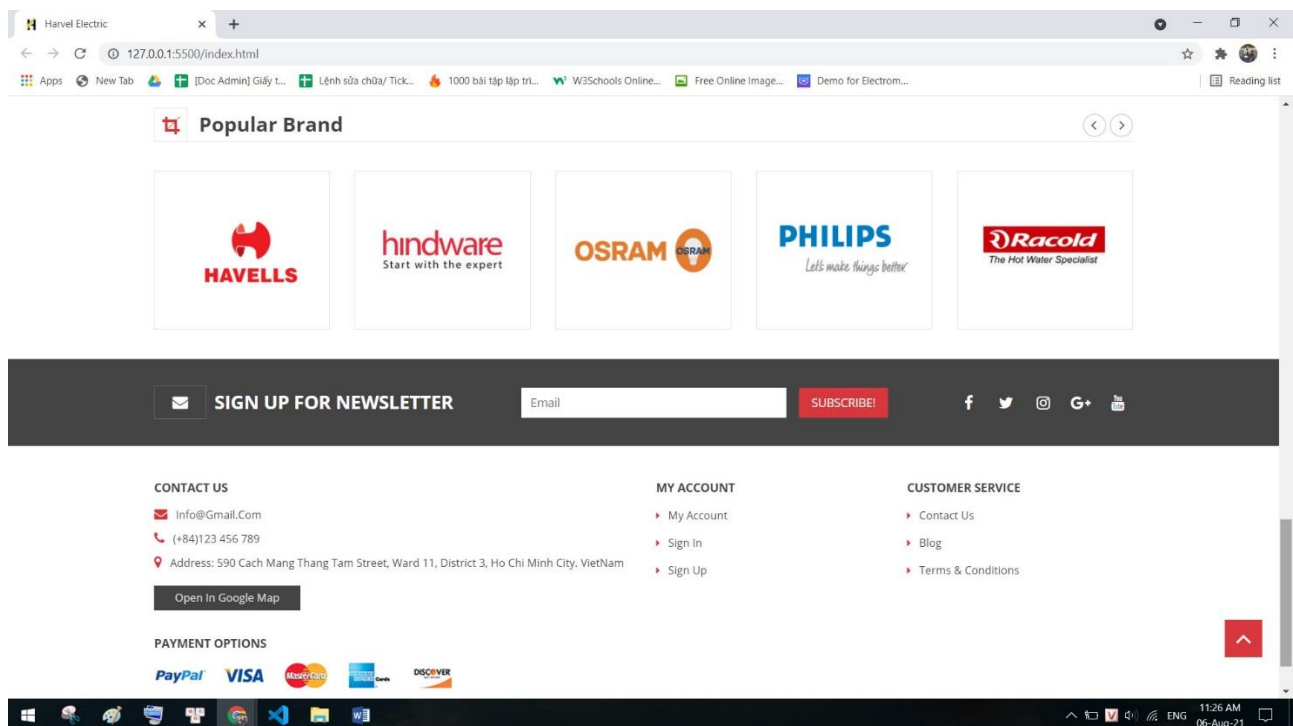
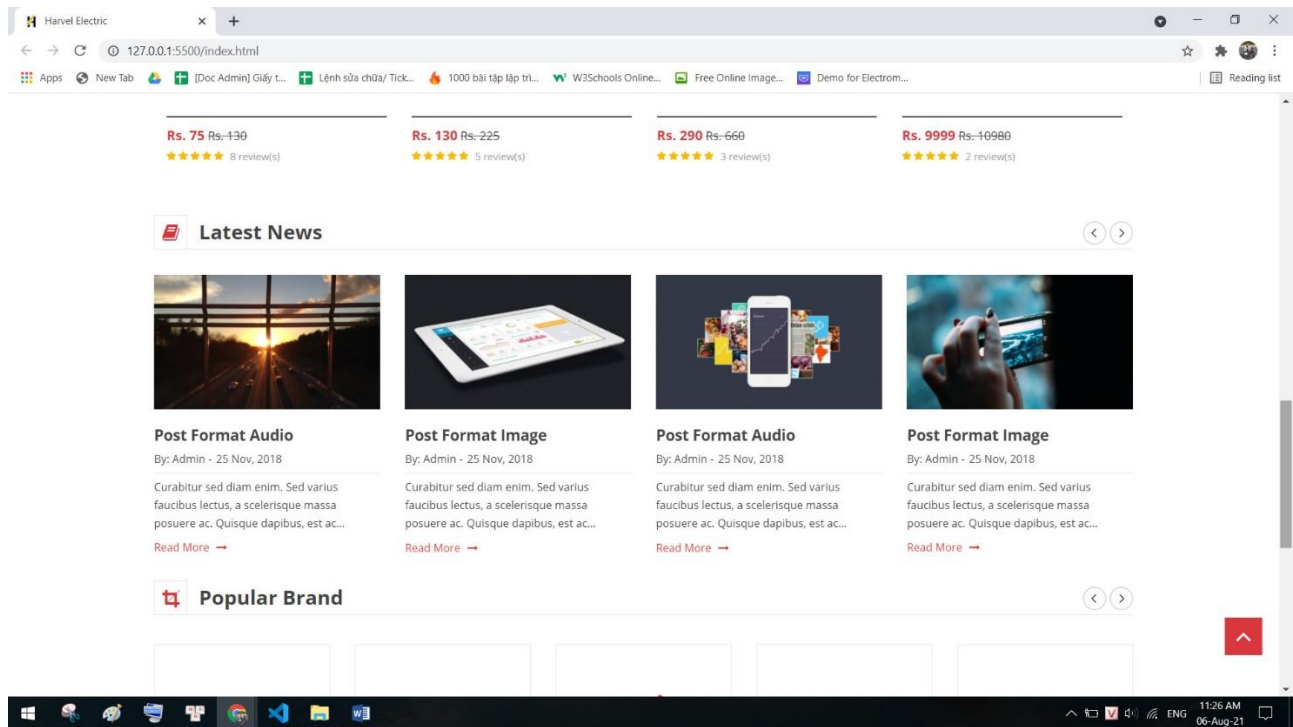
a) Description

Home page displays following information:

- Slide show programs, services and product promotions
- Feature product.
- Latest news (Blog).
- Popular Brand.
- Some information about the website.

b) Screen shot





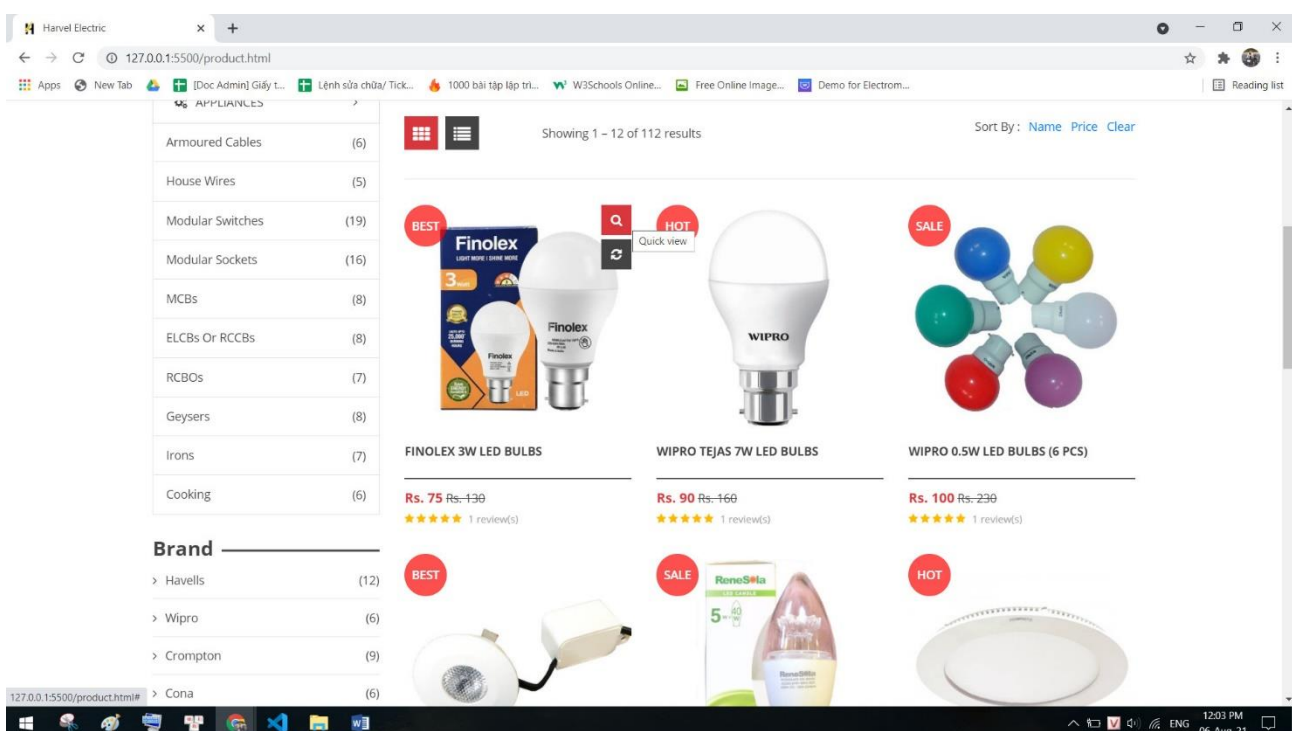
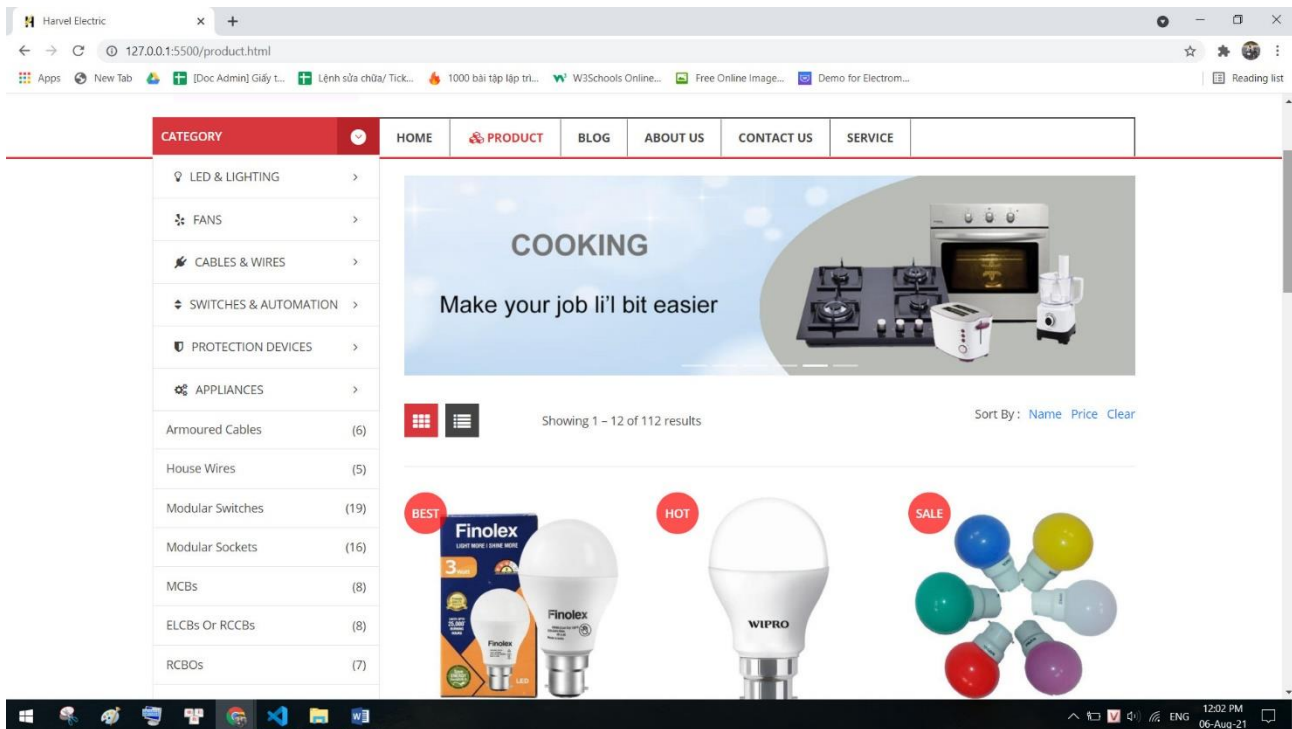
2. Product

a) Description

This product page displays following information:

- All product that being sold at Harvel Electric (LED & Lighting, FANs, Cables & Wires, Switches & Automation, Protection Devices, Appliances), 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



Harvel Electric


127.0.0.1:5500/product.html

APPLIANCES

- Armoured Cables
- House Wires
- Modular Switches
- Modular Sockets
- MCBs
- ELCBs Or RCCBs
- RCBOs
- Geysers
- Irons
- Cooking

Brand

- > Havells
- > Wipro
- > Crompton
- > Cona



Finolex 3W LED Bulbs

★★★★★ 1 review(s)

Rs. 75 ~~Rs. 130~~

Long life - almost zero maintainane cost, Environment friendly - zero mercury used.

Compare

Like Tweet Save Share

DETAILS INFORMATION MORE INFORMATION

Brand	Finolex
Product Category	LED Bulbs
Power	3 W

Sort By: Name Price Clear

W LED BULBS (6 PCS)

230

1 review(s)

12:03 PM 06-Aug-21

Harvel Electric

127.0.0.1:5500/product.html

APPLIANCES

- Armoured Cables (6)
- House Wires (5)
- Modular Switches (19)
- Modular Sockets (16)
- MCBs (8)
- ELCBs Or RCCBs (8)
- RCBOs (7)
- Geysers (8)
- Irons (7)
- Cooking (6)


Brand

- > Havells (12)
- > Wipro (6)
- > Crompton (9)
- > Cona (6)

Showing 1 - 12 of 112 results

Sort By: Name Price Clear

BEST




FINOLEX 3W LED BULBS

Rs. 75 ~~Rs. 130~~

★★★★★ 1 review(s)

HOT




WIPRO TEJAS 7W LED BULBS

Rs. 90 ~~Rs. 160~~

★★★★★ 1 review(s)

SALE




WIPRO 0.5W LED BULBS (6 PCS)

Rs. 100 ~~Rs. 230~~

★★★★★ 1 review(s)

BEST




RENE SOLA 5W LED BULBS

Rs. 100 ~~Rs. 230~~

★★★★★ 1 review(s)

SALE




RENE SOLA 5W LED BULBS

Rs. 100 ~~Rs. 230~~

★★★★★ 1 review(s)

HOT



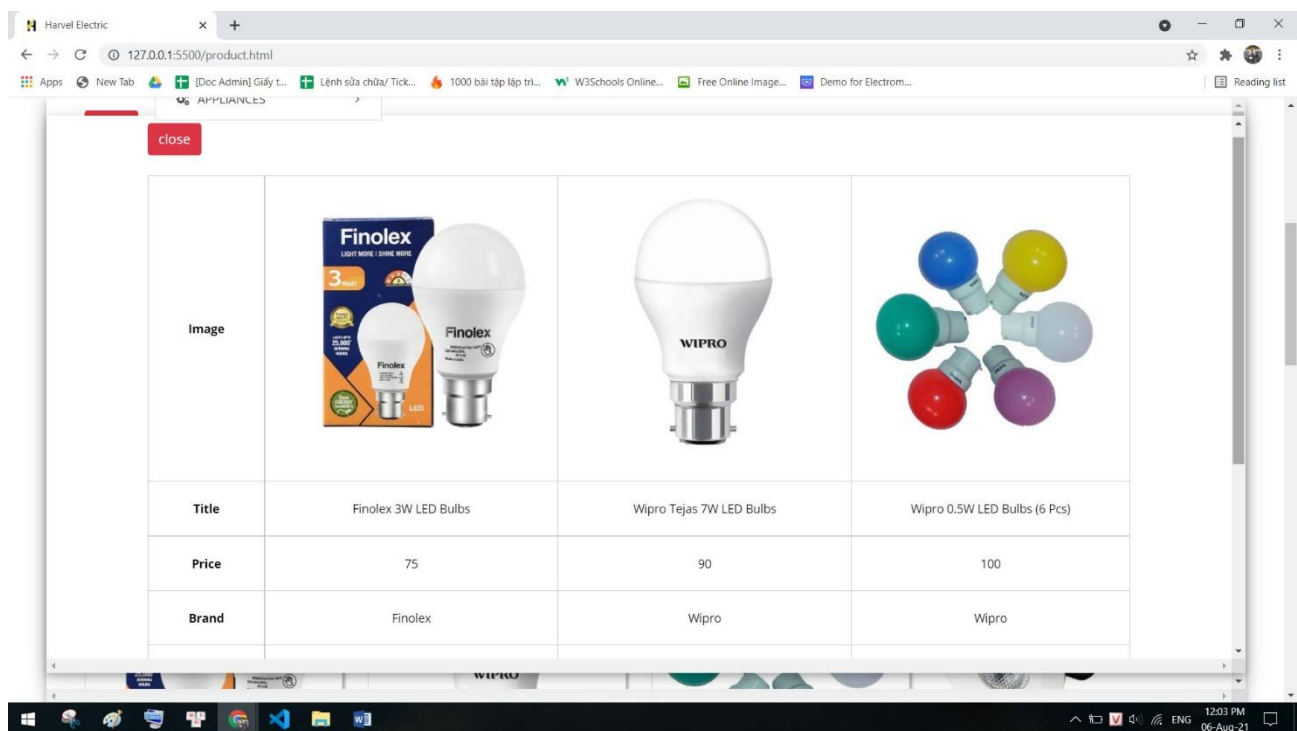
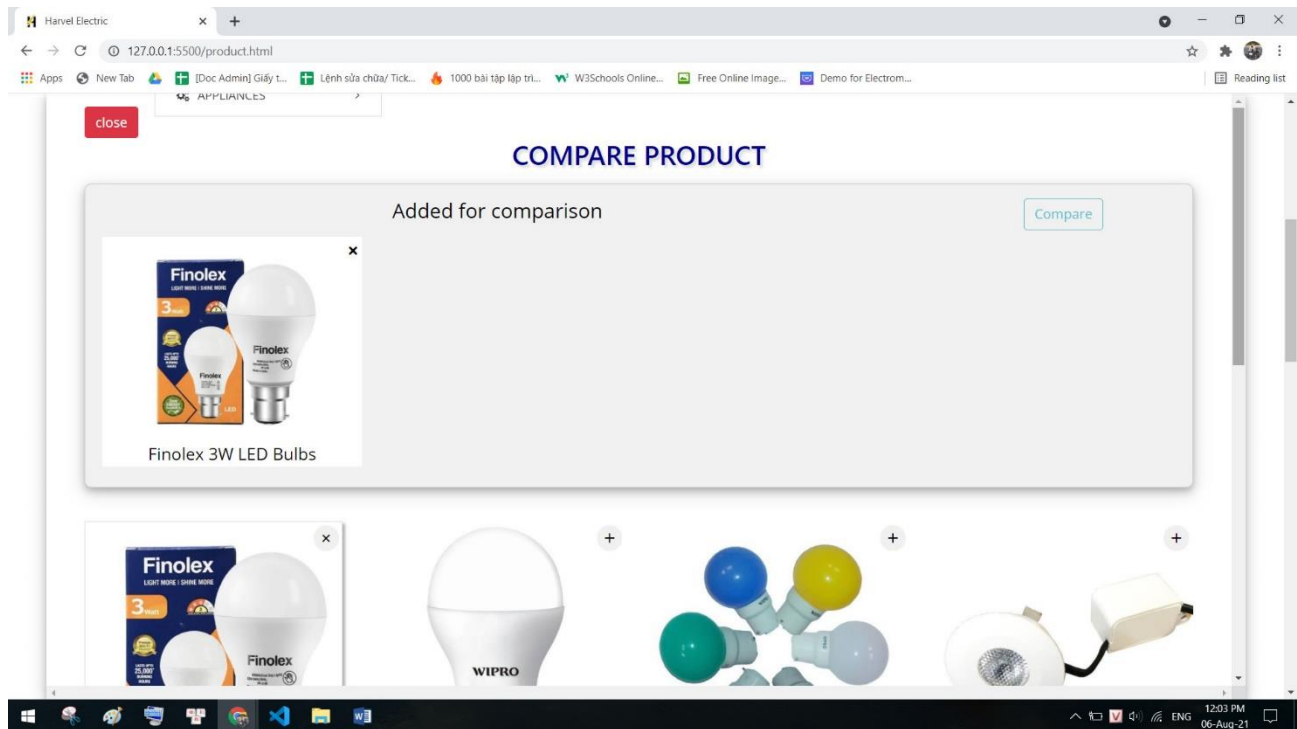
CROMPTON LED BULBS

Rs. 100 ~~Rs. 230~~

★★★★★ 1 review(s)

127.0.0.1:5500/product.html#

12:03 PM 06-Aug-21




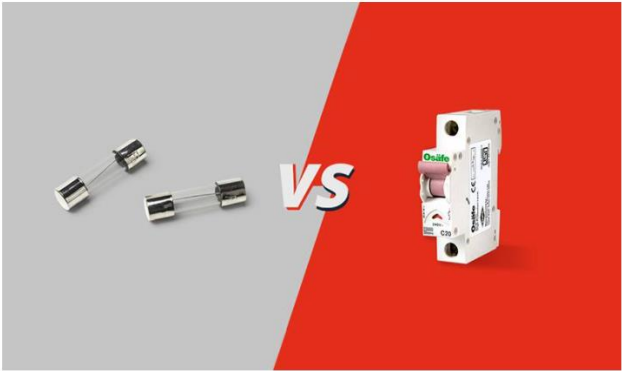



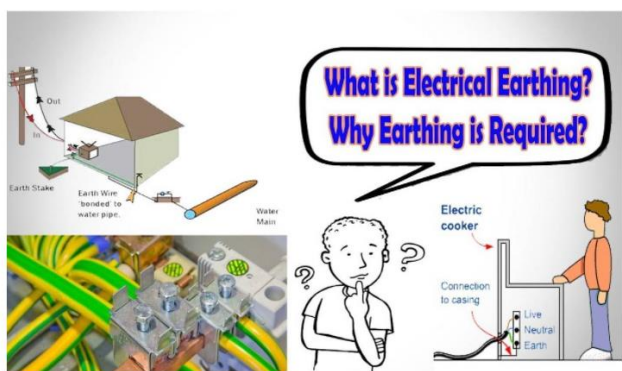
3. Blog

a) Description

The blog page displays following information:

- News.
- Information of product.
- Events, promount.

b) Screen shot

CATEGORY	HOME	PRODUCT	BLOG	ABOUT US	CONTACT US	SERVICE
						
KEYCARD SWITCHES – AN ENERGY SAVER DEVICE By: Admin - 06 Aug, 2021 Keycard switch is a device used to control the functioning of lights, fans, air conditioners along with the entire range of lighting and temperature control facilities in range. Read More →						
						
WHICH ONE IS BETTER; MCB OR FUSE? By: Admin - 06 Aug, 2021 The purpose of using MCB or fuse is the same but the working principals of both the devices are different. Read More →						
						
WHAT EVERYBODY OUGHT TO KNOW ABOUT MULTICORE CABLES AND WIRES? By: Admin - 06 Aug, 2021 Cables and wires plays a very important role in day to day electrical activities. In the market, you must have encountered with many types of wires and cables. Read More →						
						
REASONS WHY YOU SHOULD CHOOSE LED BULBS By: Admin - 06 Aug, 2021 Very few people know the advantages and benefits of LED bulbs as almost everyone was using CFL Bulbs for their home, office, industry, etc from a very long period of time. Read More →						
						
CONVENTIONAL TUBE LIGHTS V/S LED BATTENS: WHICH DO YOU NEED? By: Admin - 06 Aug, 2021						
						
WHY EARTHING IS IMPORTANT FOR ELECTRICITY? By: Admin - 06 Aug, 2021 Earthing is often known as grounding. Having proper earthing in your home is a very						


4. About Us

a) Description

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


b) Screen shot

CATEGORY	▼	HOME	PRODUCT	BLOG	ABOUT US	CONTACT US	SERVICE
----------	---	------	---------	------	----------	------------	---------


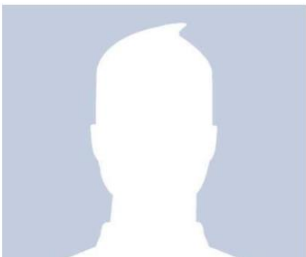
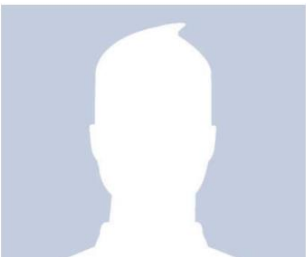


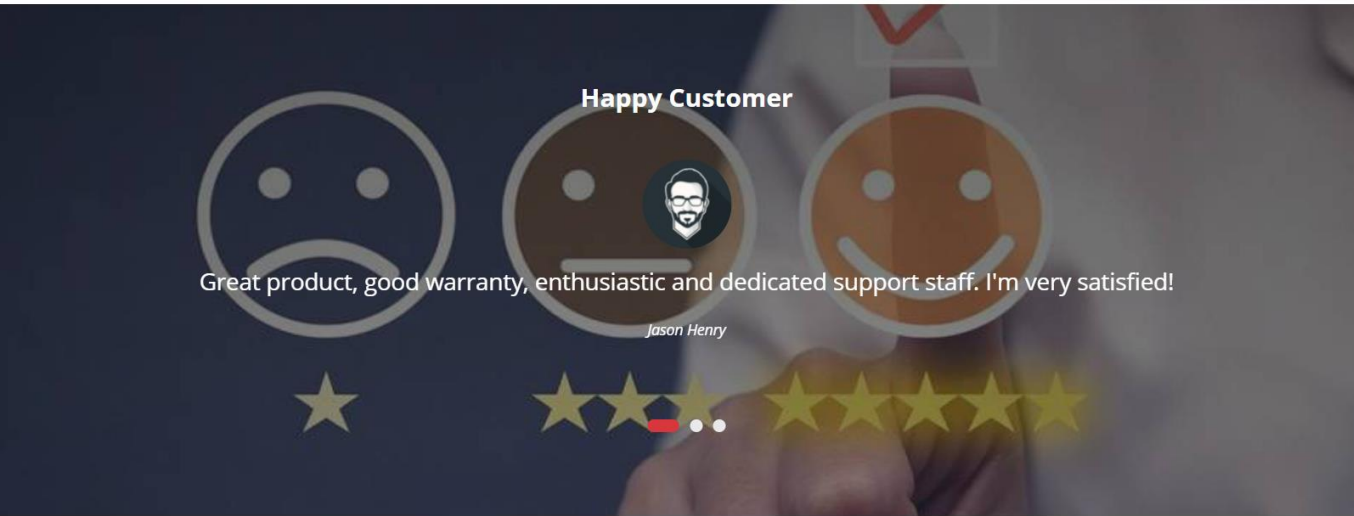
Profile

Harvel Electric offering a unique assortment of high quality consumer and industrial electrical goods. Our product range encompasses LED & Lighting, Cable & wire, Modular Switches, MCBs, ELCB/RCCBs, Geysers, Fans, electrical consumables, hardware tools to name a few. We showcase a plethora of reliable brands handpicked from both Indian and International market such as Philips, Wipro, Syska, Usha, Havells, Crompton, Finolex, KEI, Polycab, Gewiss, Vents by Hindware, L&T, Hager, Cona, Anchor, Legrand, Honeywell-MK, ABB, EUBIQ, etc., enabling us to be the online destination of choice for anyone wanting to source products from these brands.



Our Team




Happy Customer

Great product, good warranty, enthusiastic and dedicated support staff. I'm very satisfied!

Jason Henry

★ ★ ★ ★ ★



Popular Brand

< >

5. Contact Us

a) Description

This page displays contact information: location, telephone number, email and a quick contact form for customer

b) Screen shot

HOME ► **CONTACT US**

Tell Us Your Project

Name *	Phone *
Email *	Subject *
Message *	

SEND MESSAGE

Contact Us

Harvel Electric always puts the motto of taking product quality as the core value for its development, so we are committed to bringing you the best quality products, fully meeting the standards of products according to current regulations.

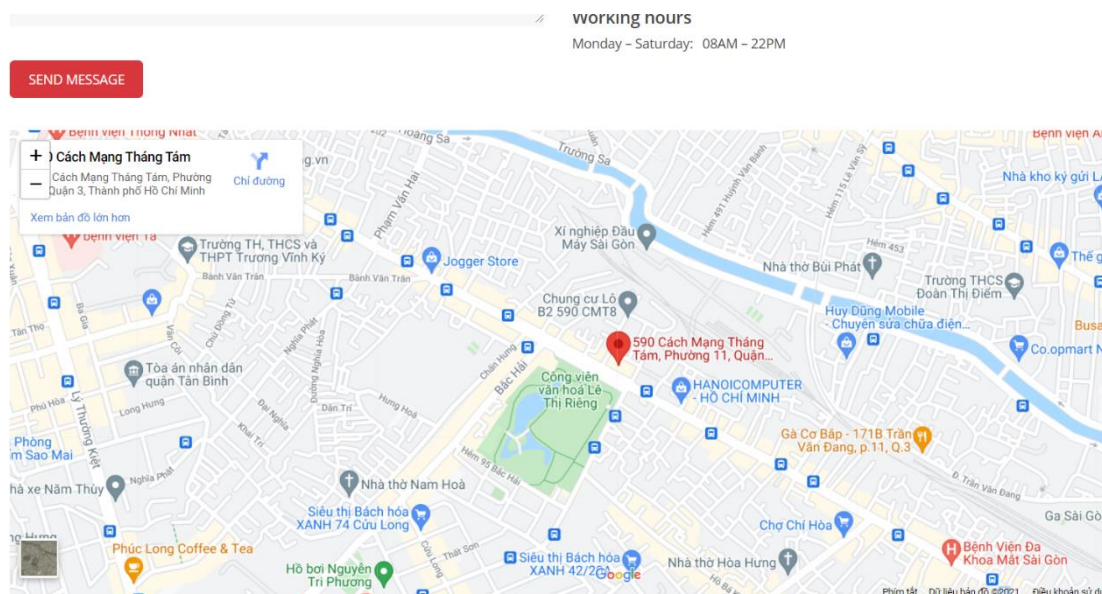
☎ (+84)123 456 789

✉ Info@Gmail.Com

📍 Address :590 Cách Mạng Tháng Tám Street, Ward 11, District 3, Ho Chi Minh City. VietNam

Working hours

Monday – Saturday: 08AM – 22PM

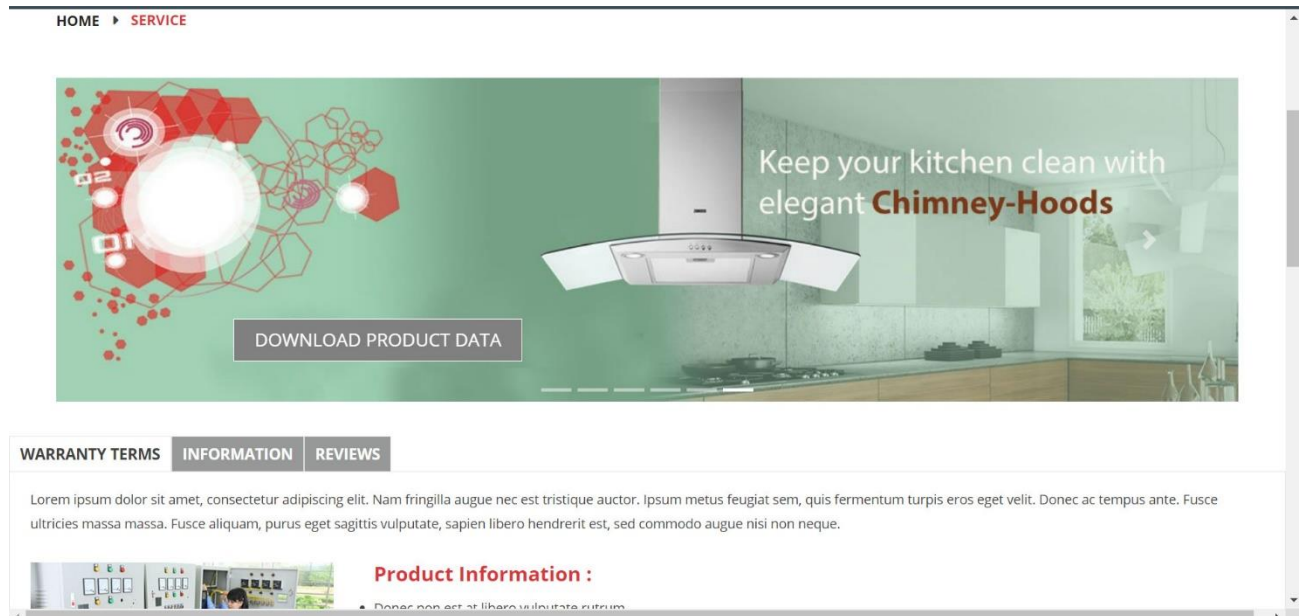


6. Service

a) Description

- This page displays information: Warranty terms, information, review about product.
- User can download product data.

b) Screen shot



7. Login/ Register

c) Description

- This page displays information: Warranty terms, information, review about product.
- User can download product data.

d) Screen shot

CATEGORY	HOME	PRODUCT	BLOG	ABOUT US	CONTACT US	SERVICE
----------	------	---------	------	----------	------------	---------

Sign In

☐ Remember Me

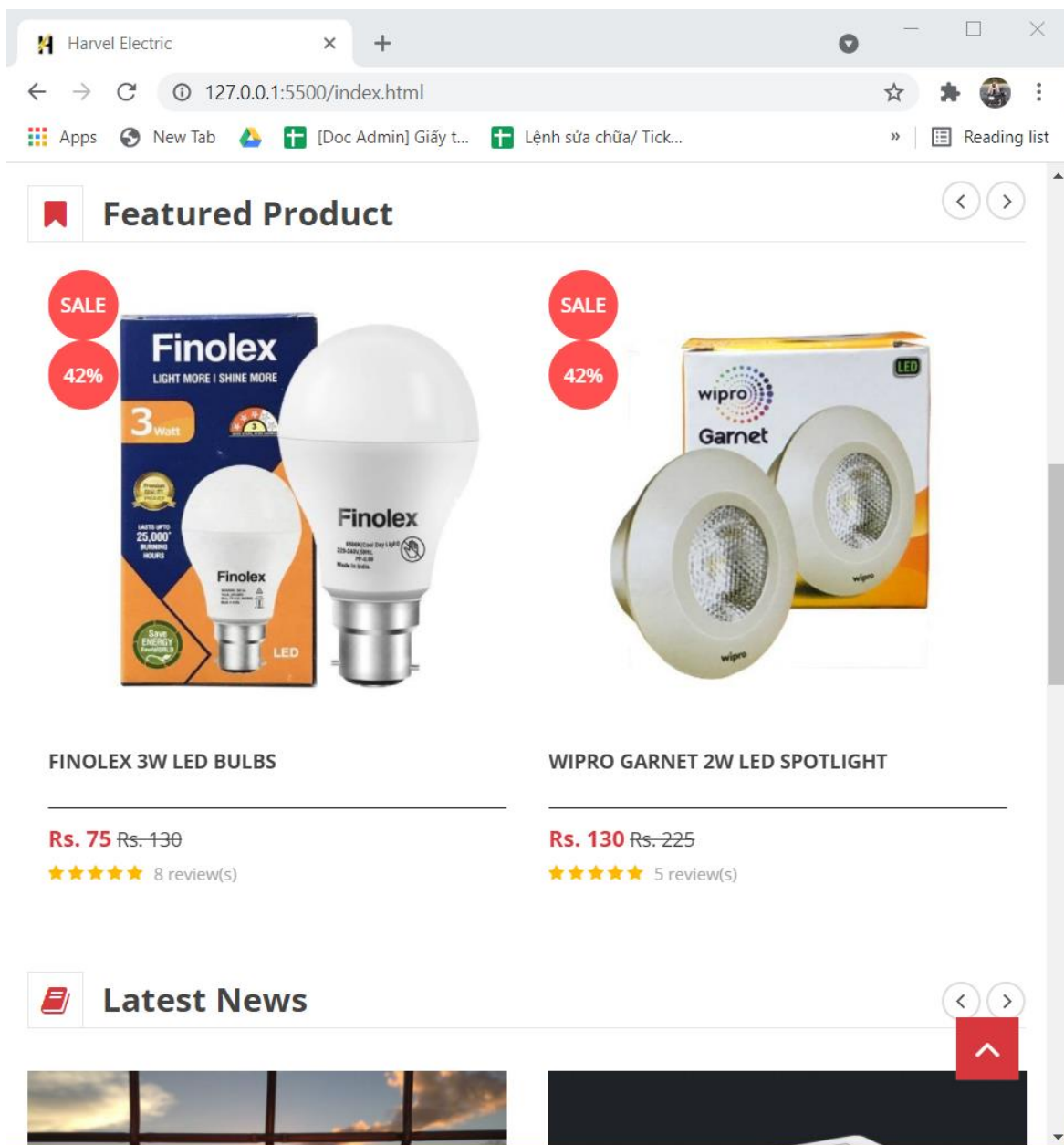
Singup Form

☐ Subscribe Our Newsletter

☐ Popular Brand

RESPONSIVE

The page has responsive feature for small screen device such as smart phone, tablet, etc.




Harvel Electric

127.0.0.1:5500/product.html

Apps New Tab [Doc Admin] Giấy t... Lệnh sửa chữa/ Tick... Reading list

My Account Login Register




WORKING TIME
Mon - Sun: 8.00 AM - 6.00 PM

FREE SHIPPING
On order over \$99

MONEY BACK 100%
Within 30 Days after delivery


CATEGORY



MENU



House Wires

For better performance at high temperature





Showing 1 – 12 of 112 results

Sort By : [Name](#) [Price](#) [Clear](#)

FPT-APTECH – T1.2104.E0 – Group 6

29

JAVASCRIPT DESCRIPTION

1. Slider Javascript

a) Description

This script used slick package (carousel) to display the products on the website.

b) Screen shot

```
let product = data.filter(ele => ele.id == id);

setModal(product[0], filteredValue);

$('.featured-carousel-active').slick({
  autoplay: false,
  infinite: true,
  fade: false,
  dots: false,
  arrows: true,
  prevArrow: '<button type="button" class="slick-prev"><i class="fa fa-angle-left"></i></button>',
  nextArrow: '<button type="button" class="slick-next"><i class="fa fa-angle-right"></i></button>',
  slidesToShow: 4,
  responsive: [{
    breakpoint: 1200,
    settings: {
      slidesToShow: 3,
    }
  },
  {
    breakpoint: 768,
    settings: {
      slidesToShow: 2,
    }
  },
  {
    breakpoint: 480,
    settings: {
      slidesToShow: 1,
      arrows: false,
    }
  }
],
]);
```

```
// brand slider active js
var brand = $('.brand-active');
brand.slick({
  infinite: true,
  arrows: true,
  autoplay: true,
  speed: 1000,
  pauseOnFocus: false,
  pauseOnHover: false,
  slidesToShow: 5,
  prevArrow: '<button type="button" class="slick-prev"><i class="fa fa-angle-left"></i></button>',
  nextArrow: '<button type="button" class="slick-next"><i class="fa fa-angle-right"></i></button>',
  responsive: [{
    breakpoint: 992,
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    }
  },
  {
    breakpoint: 768,
    settings: {
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      arrows: false,
    }
  },
  {
    breakpoint: 575,
    settings: {
      slidesToShow: 2,
      arrows: false,
    }
  },
  {
    breakpoint: 479,
    settings: {

```

2. Filter Javascript

a) Description

This script is used to filter the product list by Type, Brand, Feature, Tag.

b) Screen shot

```
//Filter product type
$(document).on("click", ".type", function (e) {
    e.preventDefault();

    let type = $(this).data('type');
    let filteredType = data.filter(function (item) {
        return item.type == type;
    });

    filterPrice(filteredType);

    pagination(filteredType);

    displayImages(filteredType, page);
    displayPagination(filteredType, page);

    let clickName = 0;
    let clickPrice = 0;
    sortBy(filteredType, clickName, clickPrice);
});

//Show all product
$(document).on("click", "#allProduct", function (e) {
    e.preventDefault();

    filterPrice(data);
    pagination(data);

    displayImages(data, page);
    displayPagination(data, page);
});
```

```
//Filter product brand
$(document).on("click", ".brand", function (e) {
    e.preventDefault();

    let type = $(this).data('type')
    let filteredBrand = [];
    if (type == "Other") {
        let brandOther = ["Havells", "Wipro", "Crompton", "Cona", "Legrand", "MK", "Norisys", "ABB", "Crabtree", "Hindware", "Other"];

        filteredBrand = data.filter(function (item) {
            return !brandOther.includes(item.brand);
        })
    }
    else {
        filteredBrand = data.filter(function (item) {
            return item.brand == type;
        })
    }

    filterPrice(filteredBrand);

    pagination(filteredBrand);

    displayImages(filteredBrand, page);
    displayPagination(filteredBrand, page);

    let clickName = 0;
    let clickPrice = 0;
    sortBy(filteredBrand, clickName, clickPrice);
});
```



```
//Filter product feature
$(document).on("click", ".feature", function (e) {
  e.preventDefault();

  let feature = $(this).data('type')
  let filteredFeature = data.filter(function (item) {
    return item.feature == feature;
  });

  filterPrice(filteredFeature);

  pagination(filteredFeature);

  displayImages(filteredFeature, page);
  displayPagination(filteredFeature, page);

  let clickName = 0;
  let clickPrice = 0;
  sortBy(filteredFeature, clickName, clickPrice);
});
```

```
//Filter product tag
$(document).on("click", "#tag1", function (e) {
  e.preventDefault();

  let filteredTag = data.filter(function (item) {
    return item.lumen_output;
  });

  filterPrice(filteredTag);

  pagination(filteredTag);

  displayImages(filteredTag, page);
  displayPagination(filteredTag, page);

  let clickName = 0;
  let clickPrice = 0;
  sortBy(filteredTag, clickName, clickPrice);
});

$(document).on("click", "#tag2", function (e) {
  e.preventDefault();

  let filteredTag = data.filter(function (item) {
    return item.sweep;
  });

  filterPrice(filteredTag);
  pagination(filteredTag);

  displayImages(filteredTag, page);
  displayPagination(filteredTag, page);

  let clickName = 0;
  let clickPrice = 0;
  sortBy(filteredTag, clickName, clickPrice);
});
```

3. Filter Price Javascript

a) Description

- This script is used to filter the product list by Price.
- Users can adjust the price to filter products in the selected price bracket

b) Screen shot

```
function filterPrice(data) {
  //Set price
  $("#minPrice").val(0);
  $("#maxPrice").val(40000);

  //Filter product price
  $(function () {
    let rangeSlider = $(".price-range"),
        minPrice = rangeSlider.data('min'),
        maxPrice = rangeSlider.data('max');

    let min_price = $("#minPrice");
    let max_price = $("#maxPrice");

    rangeSlider.slider({
      range: true,
      min: minPrice,
      max: maxPrice,
      values: [minPrice, maxPrice],
      slide: function (event, ui) {
        min_price.val(ui.values[0]);
        max_price.val(ui.values[1]);
      }
    });

    min_price.val(rangeSlider.slider("values", 0));
    max_price.val(rangeSlider.slider("values", 1));
  });

  $(document).on("click", ".filter-btn", function (e) {
    e.preventDefault();

    let minSetPrice = $("#minPrice").val();
    let maxSetPrice = $("#maxPrice").val();

    let filteredPrice = data.filter(function (item) {
      return item.price >= minSetPrice && item.price <= maxSetPrice;
    });
  });
}
```

```
min_price.val(rangeSlider.slider("values", 0));
max_price.val(rangeSlider.slider("values", 1));
});

$(document).on("click", ".filter-btn", function (e) {
  e.preventDefault();

  let minSetPrice = $("#minPrice").val();
  let maxSetPrice = $("#maxPrice").val();

  let filteredPrice = data.filter(function (item) {
    return item.price >= minSetPrice && item.price <= maxSetPrice;
  });

  pagination(filteredPrice);

  displayImages(filteredPrice, page);
  displayPagination(filteredPrice, page);

  let clickName = 0;
  let clickPrice = 0;
  sortBy(filteredPrice, clickName, clickPrice);
});
}
```

4. Sort Javascript

a) Description

This script is used to filter products by name or by price

b) Screen shot

```
function sortBy(data, clickName, clickPrice) {
  $(document).on("click", "#sort-name", function (e) {
    e.preventDefault();

    let newData = data.slice();

    clickName += 1;

    if (clickName % 2 == 0) {
      newData.sort(function (a, b) {
        let avalue = a.title.toLowerCase();
        let bvalue = b.title.toLowerCase();

        if (avalue > bvalue) { return -1; }
        if (avalue < bvalue) { return 1; }
        return 0;
      });
    }
    else {
      newData.sort(function (a, b) {
        let avalue = a.title.toLowerCase();
        let bvalue = b.title.toLowerCase();

        if (avalue < bvalue) { return -1; }
        if (avalue > bvalue) { return 1; }
        return 0;
      });
    }

    pagination(newData);

    displayImages(newData, page);
    displayPagination(newData, page);
  });
}
```

```
$(document).on("click", "#sort-price", function (e) {
  e.preventDefault();

  let newData = data.slice();

  clickPrice += 1;

  if (clickPrice % 2 == 0) {
    newData.sort(function (a, b) {
      return b.price - a.price;
    });
  }
  else {
    newData.sort(function (a, b) {
      return a.price - b.price;
    });
  }

  pagination(newData);

  displayImages(newData, page);
  displayPagination(newData, page);
});

$(document).on("click", "#unsort", function (e) {
  e.preventDefault();

  pagination(data);

  displayImages(data, page);
  displayPagination(data, page);
});
}
```

5. Compare Javascript

a) Description

This script is used to compare products of the same category

b) Sreen shot

```
<!-- Compare Product -->
<div class="wapper w3-animate-zoom w3-card-4" id="close1">
  <div class="panel-heading">
    <button onclick="document.getElementById('close1').style.display='none'"
      class="btn btn-danger closeBtn">close</button>
    <br>
    <h2>Compare Product</h2>
  </div>
  <!--preview panel-->
  <div class="panel-body text-center">
    <div class="w3-card-4 w3-light-grey w3-round-large w3-border comparePanle w3-margin-top">
      <div class="row">
        <div class="col-lg-9 col-md-8 col-sm-6 w3-margin-top">
          <h4>Added for comparison</h4>
        </div>
        <div class="col-lg-3 col-md-4 col-sm-6 w3-margin-top">
          <button class="btn btn-outline-info cmpPrBtn">Compare</button>
        </div>
      </div>
      <!-- Hien phan tu duoc chon -->
      <div class="row titleMargin comparePan">
      </div>
    </div>
  </div>
</div>
<!--end of preview panel-->

<!-- product-list panel -->
<div class="row mt-20" id="body-data">

</div>
<!-- end of product-list panel -->

<!-- comparison popup-->
<div id="close2" class="w3-animate-zoom w3-white w3-modal modPos w3-card-4">
  <div class="container">
```

```
<!-- comparison popup-->
<div id="close2" class="w3-animate-zoom w3-white w3-modal modPos w3-card-4">
  <div class="container">
    <button onclick="document.getElementById('close2').style.display='none'"
      class="btn btn-danger closeBtn">close</button>
  </div>
  <br>
  <div class="compare-page-wrapper">
    <div class="container">
      <div class="row">
        <div class="col-lg-12">
          <!-- Compare Page Content Start -->
          <div class="compare-page-content-wrap">
            <div class="compare-table table-responsive">
              <table class="table table-bordered mb-0">
                <tbody class="contentPop">
                </tbody>
              </table>
            </div>
          </div>
          <!-- Compare Page Content End -->
        </div>
      </div>
    </div>
  </div>
</div>
<!-- end of comparison popup -->
</div>
<!-- End of Compare Product -->
```

```

function setCompare(category, data, id) {
  let y = ``;
  let length = data.length;

  switch (category) {
    case "LED & Lighting":
      for (i = 0; i < length; i++) {
        y += `<div class=col-lg-3 col-md-3 col-sm-4 col-xs-4 w3-center mt-20'>
          <div class="selectProduct" data-title="${data[i].title}"
            data-id="${data[i].id}"
            data-category="${data[i].category}"
            data-01="${data[i].price}"
            data-02="${data[i].brand}"
            data-03="${data[i].power}"
            data-04="${data[i].voltage}"
            data-05="${data[i].colour_temperature}"
            data-06="${data[i].lumen_output}"
            data-07="${data[i].energy_saving}"
            data-08="${data[i].energy_saving}">
            <a class="w3-btn-floating w3-light-grey addBtnCircular addToCompare"> + </a>
            
            <h6>${data[i].title}</h6>
          </div>
        </div>`;
      }
      break;

    case "FANS":
      for (i = 0; i < length; i++) {
        y += `<div class=col-lg-3 col-md-3 col-sm-4 col-xs-4 w3-center mt-20'>
          <div class="selectProduct" data-title="${data[i].title}"
            data-id="${data[i].id}"

```

```

//Compare product
$(document).on("click", "#compareList", function (e) {
  e.preventDefault();

  let id = $(this).data('id');
  let category = $(this).data('category');
  let filteredCompare = data.filter(function (item) {
    return item.category == category;
  });

  setCompare(category, filteredCompare, id);

  $('.wapper').toggle();
  $('#myModal').modal('hide');
});

var list = [];

/* function to be executed when product is selected for comparison*/
$(document).on('click', '.addToCompare', function () {
  $(this).toggleClass("rotateBtn");
  $(this).parents(".selectProduct").toggleClass("selected");
  let productID = $(this).parents('.selectProduct').attr('data-id');

  var inArray = $.inArray(productID, list);
  if (inArray < 0) {
    if (list.length < 3) {
      list.push(productID);

      var displayTitle = $(this).parents('.selectProduct').attr('data-title');
      var image = $(this).siblings(".productImg").attr('src');

      $(".comparePan").append(`<div id="${productID}" class="relPos titleMargin w3-margin-bottom col-lg-3 col-md-3 col-sm-4 col-xs-4">
        <div class="w3-white titleMargin">
          <a class="selectedItemCloseBtn w3-closebtn cursor">&times</a>
          

```

```

var displayTitle = $(this).parents('.selectProduct').attr('data-title');
var image = $(this).siblings(".productImg").attr('src');

$(".comparePan").append(`<div id="${productID}" class="relPos titleMargin w3-margin-bottom col-lg-3 col-md-3 col-sm-4 col-xs-4">
    <div class="w3-white titleMargin">
        <a class="selectedItemCloseBtn w3-closebtn cursor">&times</a>
        
        <h5 id="${productID}" class="titleMargin1">${displayTitle}</h5>
    </div>
</div>`);
}
else {
    alert("⚠ Error: Maximum of Three products are allowed for comparison");

    $(this).toggleClass("rotateBtn");
    $(this).parents(".selectProduct").toggleClass("selected");
    return;
}
} else {
    list.splice($.inArray(productID, list), 1);
    $('#'+ productID).remove();
    hideComparePanel();
}

if (list.length > 1) {
    $(".cmprBtn").addClass("active");
    $(".cmprBtn").removeAttr('disabled');
} else {
    $(".cmprBtn").removeClass("active");
    $(".cmprBtn").attr('disabled', '');
}
}

```

```

/**function to be executed when compare button is clicked*/
$(document).on('click', '.cmprBtn', function () {
    let productCategory = $('.selectProduct').attr('data-category');

    if ($(".cmprBtn").hasClass("active")) {
        switch (productCategory) {
            case "LED & Lighting":
                $(".contentPop").append(`
                    <tr class="product1">
                        <td><b>Image</b></td>
                    </tr>
                    <tr class="product2">
                        <td><b>Title</b></td>
                    </tr>
                    <tr class="product3">
                        <td><b>Price</b></td>
                    </tr>
                    <tr class="product4">
                        <td><b>Brand</b></td>
                    </tr>
                    <tr class="product5">
                        <td><b>Power</b></td>
                    </tr>
                    <tr class="product6">
                        <td><b>Voltage</b></td>
                    </tr>
                    <tr class="product7">
                        <td><b>Colour Temperature</b></td>
                    </tr>
                    <tr class="product8">
                        <td><b>Lumen Output</b></td>
                    </tr>
                    <tr class="product9">
                        <td><b>Energy Saving</b></td>
                    </tr>
                `);
            }
        }
    }
}

```

```

for (var i = 0; i < list.length; i++) {
    /* this is to add the items to popup which are selected for comparision */
    product = $('selectProduct[data-id="' + list[i] + '"]').find(".productImg").attr('src');
    var image = $('[' + data-id + ']').find(".productImg").attr('src');
    /*appending to div*/

    $(".product1").append(`<td class="product-image-title">
        <a href="single-product.html" class="image">
            
        </a>
    </td>`);

    $(".product2").append(`<td>${$(product).data('title')}</td>`);
    $(".product3").append(`<td>${$(product).data('01')}</td>`);
    $(".product4").append(`<td>${$(product).data('02')}</td>`);
    $(".product5").append(`<td>${$(product).data('03')}</td>`);
    $(".product6").append(`<td>${$(product).data('04')}</td>`);
    $(".product7").append(`<td>${$(product).data('05')}</td>`);
    $(".product8").append(`<td>${$(product).data('06')}</td>`);
    $(".product9").append(`<td>${$(product).data('07')}</td>`);
    $(".product9").append(`<td>${$(product).data('08')}</td>`);
}
break;

case "Cables & Wires":
    $(".contentPop").append(`
        <tr class="product1">
            <td><b>Image</b></td>
        </tr>
        <tr class="product2">
            <td><b>Title</b></td>
        </tr>
        <tr class="product3">
            <td><b>Price</b></td>
    `);

```

```

        $(".product7").append(`<td>${$(product).data('05')}</td>`);
        $(".product8").append(`<td>${$(product).data('06')}</td>`);
    }
    break;
}
$(".modPos").show();
});

/* function to close the comparision popup */
$(document).on('click', '.closeBtn', function () {
    $(".contentPop").empty();
    $(".comparePan").empty();
    $(".modPos").hide();
    $(".selectProduct").removeClass("selected");
    $(".cmprBtn").attr('disabled', '');
    list.length = 0;
    $(".rotateBtn").toggleClass("rotateBtn");
});

/*function to remove item from preview panel*/
$(document).on('click', '.selectedItemCloseBtn', function () {
    var test = $(this).siblings("h5").attr('id');
    $('[' + data-id + ' + test + ']').find(".addToCompare").click();
    hideComparePanel();
});

function hideComparePanel() {
    if (!list.length) {
        $(".comparePan").empty();
    }
}
});

```

6. Pagination Javascript

a) Description

This script is used to paginate products into pages, each with twelve products

b) Sreen shot

```
function displayPagination(data, page) {
  let n = Math.ceil(data.length / itemsPerPage);
  let previous;
  let next;

  if (page <= 1) {
    previous = page;
    next = page + 1;
  }
  else if (page > n - 1) {
    previous = page - 1;
    next = page;
  }
  else {
    previous = page - 1;
    next = page + 1;
  }

  let s = `<li><a class="Previous" href="#" id="link" data-id="${previous}">Previous</a></li>`;
  for (let i = 1; i <= n; i++) {
    if (i == page) {
      s += `<li class="active"><a href="#" id="link" data-id="${i}">${i}</a></li>`;
    }
    else {
      s += `<li><a href="#" id="link" data-id="${i}">${i}</a></li>`;
    }
  }
  s += `<li><a class="Next" href="#" id="link" data-id=${next}> Next </a></li>`;

  $(".pagination-box").html(s);
}
```

```
function pagination(data) {
  $(document).on("click", "#link", function (e) {
    e.preventDefault();

    let page_no = $(this).data('id');

    displayImages(data, page_no);
    displayPagination(data, page_no);
  });
}
```



```

function displayImages(data, page) {
  let s = ``;
  let t = ``;
  let length = data.length;
  let startItem = (page - 1) * itemsPerPage;
  let stopItem = 0;

  if (length - startItem < itemsPerPage) {
    stopItem = length;
  }
  else {
    stopItem = startItem + itemsPerPage;
  }

  t += `<p>Showing ${startItem + 1} - ${stopItem} of ${length} results</p>`;

  for (let i = startItem; i < stopItem; i++) {
    s += `<div class="col-lg-4 col-md-4 col-sm-6">
      <div class="product-item fix mb-30">
        <div class="product-thumb">
          <p>
            
          </p>
          if (data[i].feature != "") {
            s += `<div class="product-label">
              <span>${data[i].feature}</span>
            </div>`;
          }
          s += `<div class="product-action-link">
            <a href="#" id="divImage" data-id="${data[i].id}" data-type="${data[i].type}" data-category="${data[i].category}"
              "><span data-toggle="tooltip" data-placement="left" title="Quick view"><i class="fa fa-search"></i></span> </a>
            <a href="#" data-toggle="tooltip" data-placement="left" title="Compare" id="compareList" data-id="${data[i].id}"
              data-type="${data[i].type}" data-category="${data[i].category}"><i class="fa fa-refresh"></i></a>
            </div>
          </div>
        </div>
      </div>
    `;

    <div class="product-list-content">
      <h3><a href="product-details.html">${data[i].title}</a></h3>
      <div class="ratings">
        <span class="good"><i class="fa fa-star"></i></span>
        <span class="good"><i class="fa fa-star"></i></span>
        <span class="good"><i class="fa fa-star"></i></span>
        <span class="good"><i class="fa fa-star"></i></span>
        <span><i class="fa fa-star"></i></span>
        <div class="pro-review">
          <span>1 review(s)</span>
        </div>
      </div>
      <div class="pricebox">
        <span class="regular-price">Rs. ${data[i].price}</span>
        <span class="old-price"><del>Rs. ${data[i].old_price}</del></span>
      </div>
      <p>${data[i].note1}</p>
      <p>${data[i].note2}</p>
      <div class="product-list-action-link">
        <a href="#" id="divImage" data-id="${data[i].id}" data-type="${data[i].type}" data-category="${data[i].category}"
          ><span data-toggle="tooltip" data-placement="top" title="Quick view"><i class="fa fa-search"></i></span> </a>
        <a href="#" data-toggle="tooltip" data-placement="top" title="Compare" id="compareList" data-id="${data[i].id}"
          data-type="${data[i].type}" data-category="${data[i].category}"><i class="fa fa-refresh"></i></a>
        </div>
      </div>
    </div>
  </div>
  </div>`;

  $("#showing-results").html(t);
  $("#products").html(s);
}

```

7. Create Modal Javascript

a) Description

This script is used to display product details in a modal format. Inside there are more products of the same type

b) Screen shot

```
<!-- Set Modal -->
<div class="modal fade" id="myModal">
  <div class="modal-dialog modal-lg">
    <!-- Modal content -->
    <div class="modal-content">
      <div class="modal-header">
        <button type="button" class="close" id="close3" data-dismiss="modal">&times;</button>
      </div>
      <div class="modal-body">

      </div>
      <div class="modal-footer">
        <button type="button" class="btn btn-default" data-dismiss="modal">Close</button>
      </div>
    </div>
  </div>
</div>
<!-- End Set Modal -->
```

```
function setModal(product, data) {
  let x = `<div class="wrapper box-layout mt-50">
    <div class="product-details-wrapper mt-50">
      <div class="container">
        <div class="row">
          <div class="col-lg-12">
            <div class="product-details-inner">
              <div class="row">
                <div class="col-lg-6">
                  <div class="product-large-slider mb-20 slick-arrow-style_2">
                    <div class="pro-large-img img-zoom" id="img1">
                      
                    </div>
                  </div>
                </div>
                <div class="col-lg-6">
                  <div class="product-details-des mt-md-34 mt-sm-34">
                    <h3>${product.title}</h3>
                    <div class="ratings">
                      <span><i class="fa fa-star"></i></span>
                      <span><i class="fa fa-star"></i></span>
                      <span><i class="fa fa-star"></i></span>
                      <span><i class="fa fa-star"></i></span>
                      <span><i class="fa fa-star-o"></i></span>
                    </div>
                    <div class="pro-review">
                      <span>1 review(s)</span>
                    </div>
                  </div>
                  <div class="pricebox">
                    <span class="regular-price">Rs. ${product.price}</span> &nbsp;
                    <span class="old-price"><del>Rs. ${product.old_price}</del></span>
                  </div>
                </div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  `
```

```

<tbody id= detail-product > ;

switch (product.category) {
  case "LED & Lighting":
    x += `
      <tr>
        <td><b>Brand</b></td>
        <td>${product.brand}</td>
      </tr>
      <tr>
        <td><b>Product category</b></td>
        <td>${product.product_category}</td>
      </tr>
      <tr>
        <td><b>Power</b></td>
        <td>${product.power}</td>
      </tr>
      <tr>
        <td><b>Voltage</b></td>
        <td>${product.voltage}</td>
      </tr>
      <tr>
        <td><b>Colour Temperature</b></td>
        <td>${product.colour_temperature}</td>
      </tr>
      <tr>
        <td><b>Lumen Output</b></td>
        <td>${product.lumen_output}</td>
      </tr>
      <tr>
        <td><b>Bulb Base</b></td>
        <td>${product.bulb_base}</td>
      </tr>
      <tr>
        <td><b>Rated Life</b></td>
        <td>${product.rated_life}</td>

```

```

x += `
  </tbody>
  </table>
</div>
<div class="tab-pane fade" id="tab_two">
  <table class="table table-bordered">
    <tbody>
      <tr>
        <td>${product.note2}</td>
      </tr>
      <tr>
        <td>${product.note3}</td>
      </tr>
      <tr>
        <td>${product.note4}</td>
      </tr>
      <tr>
        <td>${product.note5}</td>
      </tr>
      <tr>
        <td>${product.note6}</td>
      </tr>
    </tbody>
  </table>
</div>
</div>
</div>
</div>
</div>
</div>
;
x += `
  <div class="related-products-area mt-34">

```



```

//Show modal product
$(document).on('click', "#divImage", function (e) {
  e.preventDefault();

  let id = $(this).data('id');
  let type = $(this).data('type');
  let filteredValue = data.filter(function (item) {
    return item.type == type;
  });

  let product = data.filter(ele => ele.id == id);

  setModal(product[0], filteredValue);

  $('.featured-carousel-active').slick({
    autoplay: false,
    infinite: true,
    fade: false,
    dots: false,
    arrows: true,
    prevArrow: '<button type="button" class="slick-prev"><i class="fa fa-angle-left"></i></button>',
    nextArrow: '<button type="button" class="slick-next"><i class="fa fa-angle-right"></i></button>',
    slidesToShow: 4,
    responsive: [{
      breakpoint: 1200,
      settings: {
        slidesToShow: 3,
      }
    },
    {
      breakpoint: 768,
      settings: {
        slidesToShow: 2,
      }
    }
  ]
});

```

```

    responsive: [{
      breakpoint: 1200,
      settings: {
        slidesToShow: 3,
      }
    },
    {
      breakpoint: 768,
      settings: {
        slidesToShow: 2,
      }
    },
    {
      breakpoint: 480,
      settings: {
        slidesToShow: 1,
        arrows: false,
      }
    }
  ],
  ]
});

$('#myModal').modal('show');
});

```

8. Show number of product Javascript

a) Description

This script is used to display the number of products by type, brand and feature

b) Screen shot

```

$(".type").each(function (index) {
    let numberOfType = $(this).data('type');
    let filter = data.filter(function (item) {
        return item.type == numberOfType;
    })
    let y = filter.length;
    $(this).next("span").html(`${y}`);
});

let numberdata = data.length;
let numberfeatureBrand = 0;
$(".brand").each(function (index) {
    let brand = $(this).data('type');
    let filter = data.filter(function (item) {
        return item.brand == brand;
    })
    let numberBrand = filter.length;
    numberfeatureBrand += numberBrand;
    $(this).next("span").html(`${numberBrand}`);
});

let numberOther = numberdata - numberfeatureBrand;
$(".type").first().next("span").html(`${numberdata}`);
$(".brand").last().next("span").html(`${numberOther}`);

$(".feature").each(function (index) {
    let numberOfFeature = $(this).data('type');
    let filter = data.filter(function (item) {
        return item.feature == numberOfFeature;
    })
    let y = filter.length;
    $(this).next("span").html(`${y}`);
});
});

```

9. Sign-in & Sign-up Javascript

a) Description

This script used for member registration and login in the website.

b) Screen shot

```
//Signin - Signup Member
$("#form-signup").submit(function (e) {
    let name = $("#name").val();

    let email = $("#email").val();

    //Kiểm tra pass (tu 3-15 ký tự - ngoài trừ khoảng trắng)
    let pass = $("#password").val();

    //Kiểm tra password confirm có giống password ko?
    let pass2 = $("#cpassword").val();
    if (pass !== pass2) {
        alert("Repeat your password is not the same as password. Please re-enter!");
        $("#cpassword").focus();
        return false;
    }

    let sub = $("#subnewsletter:checked").val();
    if (sub){
        sub = "Agree";
    }
    else{
        alert("Subscribe Our Newsletter is not checked. Please check!");
        $("#cpassword").focus();
        return false;
    }

    localStorage.username = name;
    localStorage.pass = pass;

    let info = [];

    info.push(" Member Information");
    info.push(" =====");
    info.push(` Name: ${name}`);
    info.push(` Email: ${email}`);

    info.push(` Name: ${name}`);
    info.push(` Email: ${email}`);
    info.push(` Password: ${pass}`);
    info.push(` Subscribe Our Newsletter: ${sub}`);

    let sINFO = info.join("\n");
    alert(sINFO);

    alert("Member information is successfully registered. Please click Ok to return to the HomePage!");
});

$("#form-signin").submit(function (e) {
    let name1 = $("#name1").val();
    let pass1 = $("#password1").val();

    let usernamecheck = localStorage.getItem("username");
    let passcheck = localStorage.getItem("pass");

    if(name1 == usernamecheck && pass1 == passcheck){
        if($("#rememberMe").is(":checked")){
            sessionStorage.username = name1;
            sessionStorage.password = pass1;
        }
        else{
            sessionStorage.username = '';
            sessionStorage.password = '';
        }
        alert("Welcome, " + name1 + ". Please click Ok to return to the HomePage!");
    }
    else{
        e.preventDefault();
        alert("Member information is not registered. Please register!")
        $("#name").focus();
    }
});
```

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	HARVEL ELECTRIC	Dai	18-July-21	1	Dai	Completed
2	Product			20-July-21	3	Dai	Completed
3	Blog			18-July-21	2	Dung	Completed
4	About Us			20-July-21	2	Dung	Completed
5	Contact Us			18-July-21	2	Thanh	Completed
6	Service			20-July-21	2	Thanh	Completed
7	Sign In/ Sign Up			22-July-21	1	Thanh	Completed
8	Java Script			23-July-21	2	Dai	Completed
9	Responsive			22-July-21	1	Dung	Completed

Date:	
Signature of Instructor: Ms. Le Mong Thuy	Signature of Team Leader: Nguyen Huu Dai