

# Harvel Electric

**Supervisor:** *LÊ THANH NHÂN*

**Semester:** *1*

**Batch No:** *T1.2008.E1*

**Group No:** *3*

Order:	Full name	Roll No.
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**Month:** *11* **Year:** *2020*

This is to certify that

**Mr. NGUYỄN LINH PHƯƠNG**

**Mr. TRẦN CÔNG SANG**

**Ms. LẠI NGỌC THỦY TIÊN**

Have successfully Designed & Developed

**HARVEL ELECTRIC**

Submitted by:

**Mr. LE THANH NHAN**

Date of Issue:

Authorized Signature:

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# Project Acknowledge

As we understand that the 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 Objective

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 JavaScript/Dreamweaver 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 @ [eprojects@aptech.ac.in](mailto:eprojects@aptech.ac.in) in case of any doubts regarding the application or its objectives.

## Synopsis

Harvel Electric is selling various electrical products. 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.

<b>Design Plan:</b> Harvel Electric	<b>Document Name:</b> Problem Definition	SWD/Form No.01/PD/Ver1.0
<b>Effective Date:</b> 07/11/2020	<b>Version 1.0</b>	<b>Page No: 1 of 26</b>

## Problem Definition

Harvel Electric is selling various electrical products. 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.

## Functional Descriptions

Home (HomePage):

- Includes information about Harvel Electric (Logo, biography, information, organization ...) must be expressed in a friendly interface.

Navigation Bar links to the necessary content in each specific item.

The various electrical products:

- Must have links to clear and tight, easily recognizable. Mainly classified into different types depending on the different functions of products:

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- TV & Videos.

- Mobiles.

- Computing, v.v...

About interaction with the user:

- When the user selects any product type, a list of products for that product type will be displayed.

- A brief summary of the features of individual products will be displayed on the Web Page along with the product.

- Detailed Features will be stored in Individual Word documents which can be downloaded or viewed by the User who wishes to see the same.

- A price List always available for download.

- For the contact item: must include the necessary contact information such as:

- Company Address: Geolocation API integration (Example: Google Maps ...).
- Email: When you click on the email address, the user will be linked to the email compose window from the user (To the email address of Sports Club).

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<b>Design Plan:</b> Harvel Electric	<b>Document Name:</b> Customer Requirement Specifications	SWD/Form No.02/CRS/Ver1.0
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## User

- Access and refer to the information placed on the website.
- Register to become a member.
- Information about the various electrical products.
- Contribute ideas, feedback or suggestions to the company.

## Webmaster

- Ensure the website is enough information needed.
- Change the content, images and layout of the website.
- Manage interactive user information to website.

Integrated database connection technology (to collect, process and store user information).

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<b>Design Plan:</b> Harvel Electric	<b>Document Name:</b> Customer Requirement Specifications	SWD/Form No.02/CRS/Ver1.0
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## Data processing

### User

#### Input

- Member registration information
- Product information
- Suggestions for administrator

#### Process

- Search / refer to product information
- Check member registration information
- Check for suggestions

#### Output

(users will receive the following notifications)

- Information about selected product
- Successful / failed registration
- Successful / failed suggestions

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## Webmaster

### Input

- Login information to administer the website
- Information to change / add or delete: Updates on price changes, product information, features of each product,...
- Deletion of membership information.
- Get feedback and reviews from users

### Process

- Change / add / remove product that no longer serve
- Change / add / remove membership information
- Reply / delete comments from users

### Output

(the website manager will place the following message)

- Successful registration / change / deletion of member account information or failure.
- Successful change / deletion of product information or failure.
- Respond to success / failure suggestions

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<b>Design Plan:</b> Harvel Electric	<b>Document Name:</b> Customer Requirement Specifications	SWD/Form No.02/CRS/Ver1.0
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## Hardware / software requirement

### Hardware

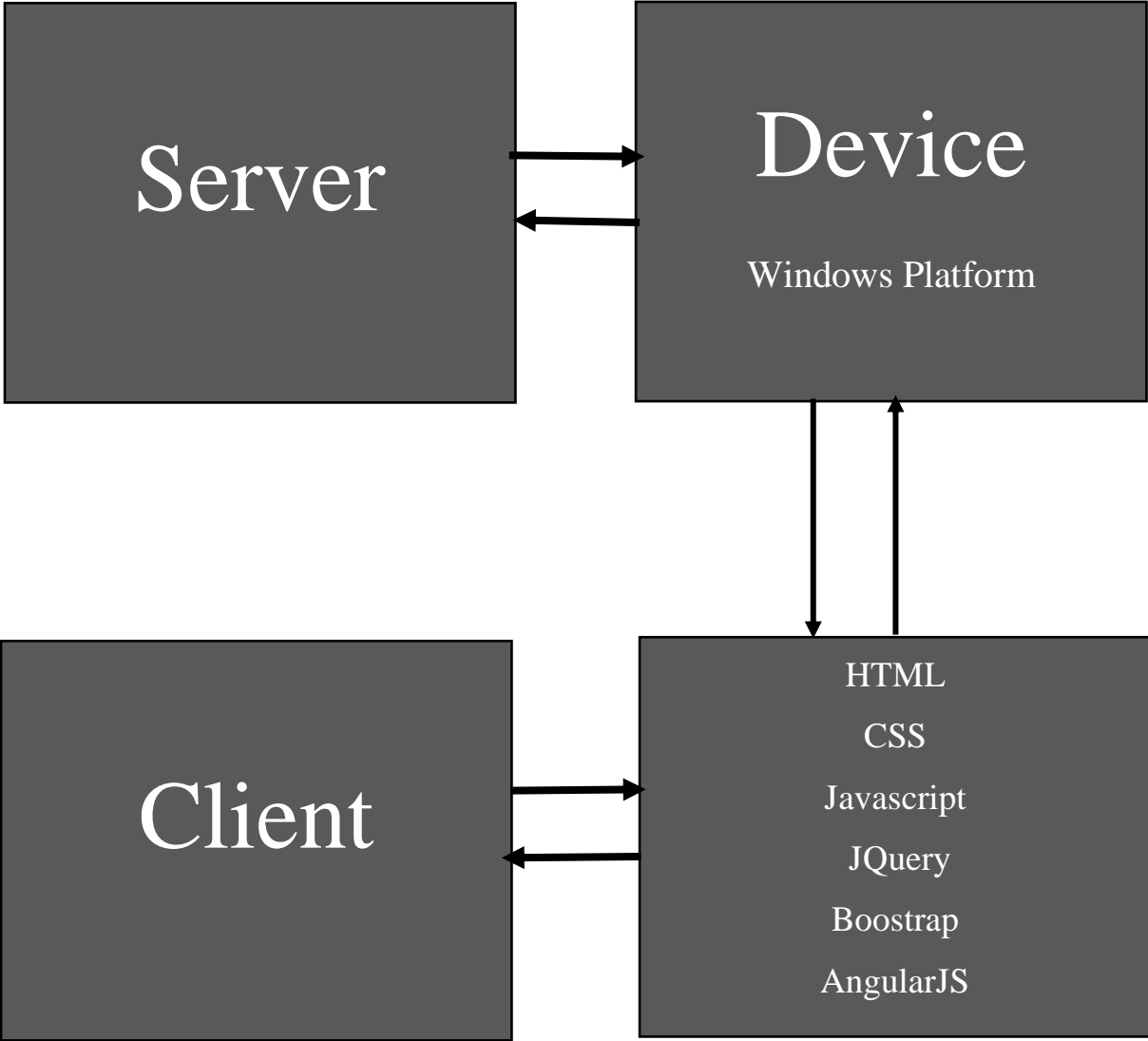
- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
- 64 Megabytes of RAM or better

### Software

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

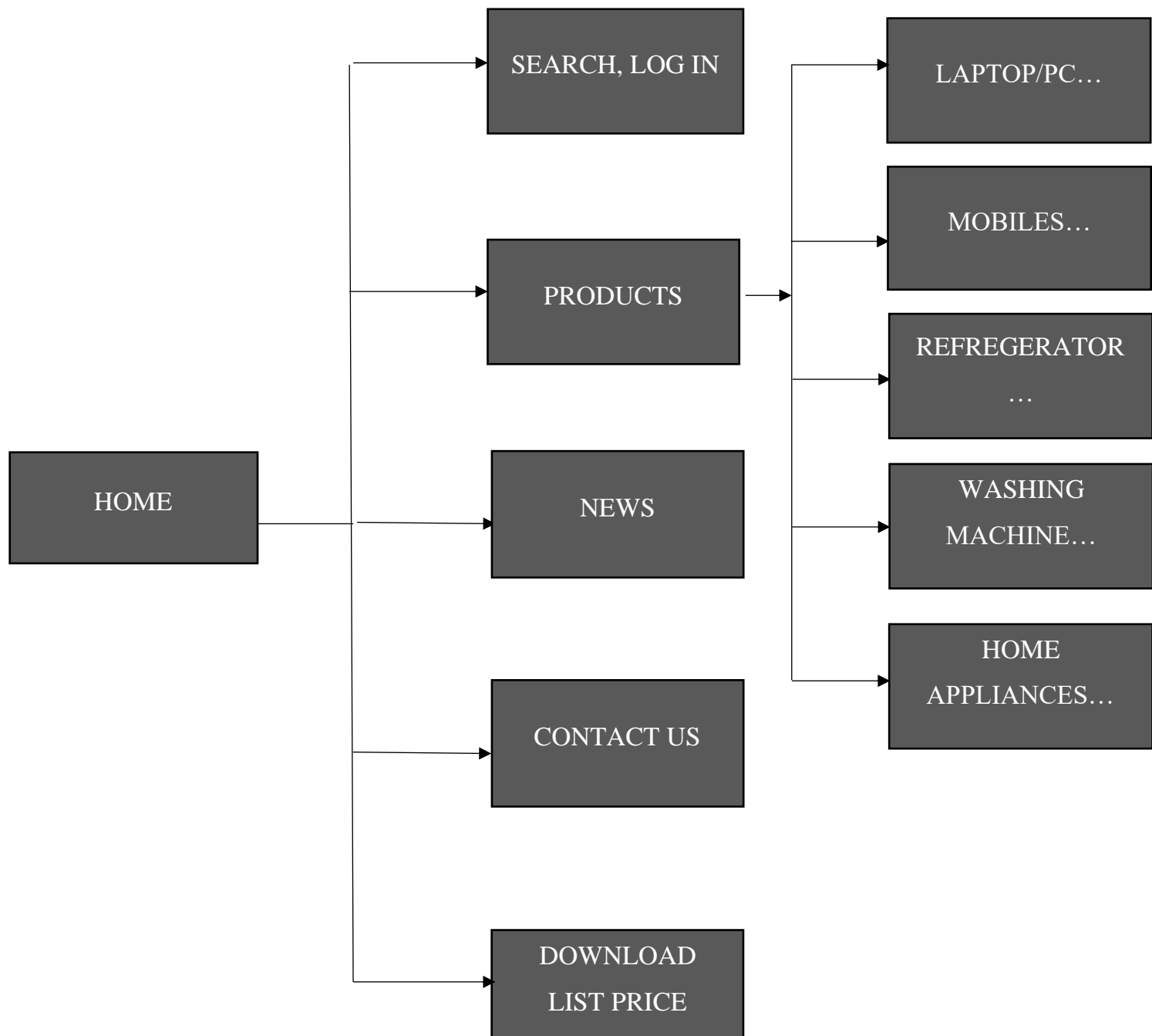
	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
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<b>Date</b>		

<b>Design Plan:</b> Harvel Electric	<b>Document Name:</b> Architecture and design of the project	SWD/Form No.3/CRS/Ver1.0
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<b>Design Plan:</b> Harvel Electric	<b>Document Name:</b> SiteMap	SWD/Form No.04/SM/Ver1.0
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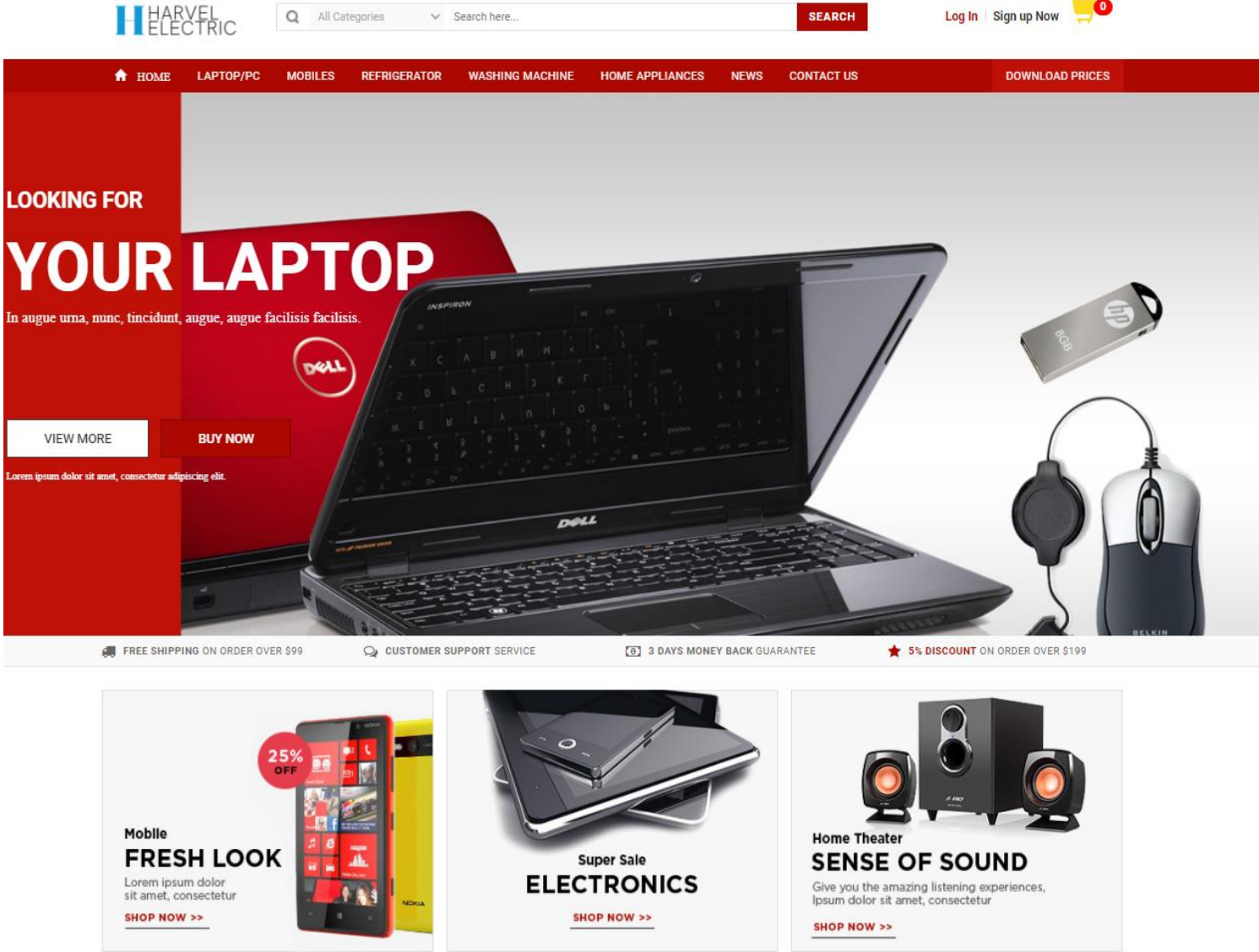


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I. HOMEPAGE

1. Menu and carousel

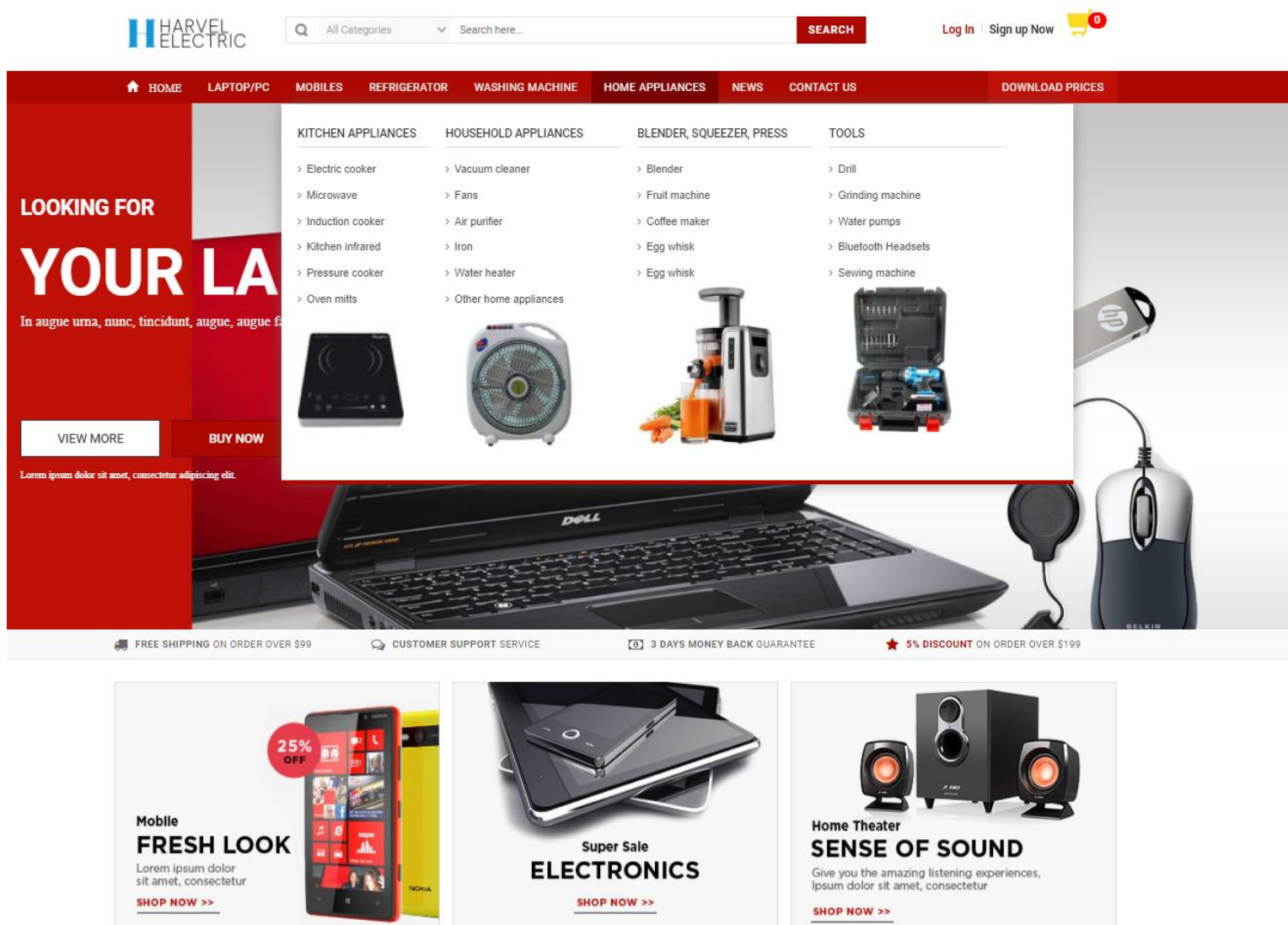


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## I. HOMEPAGE

## 2. List products in Menu



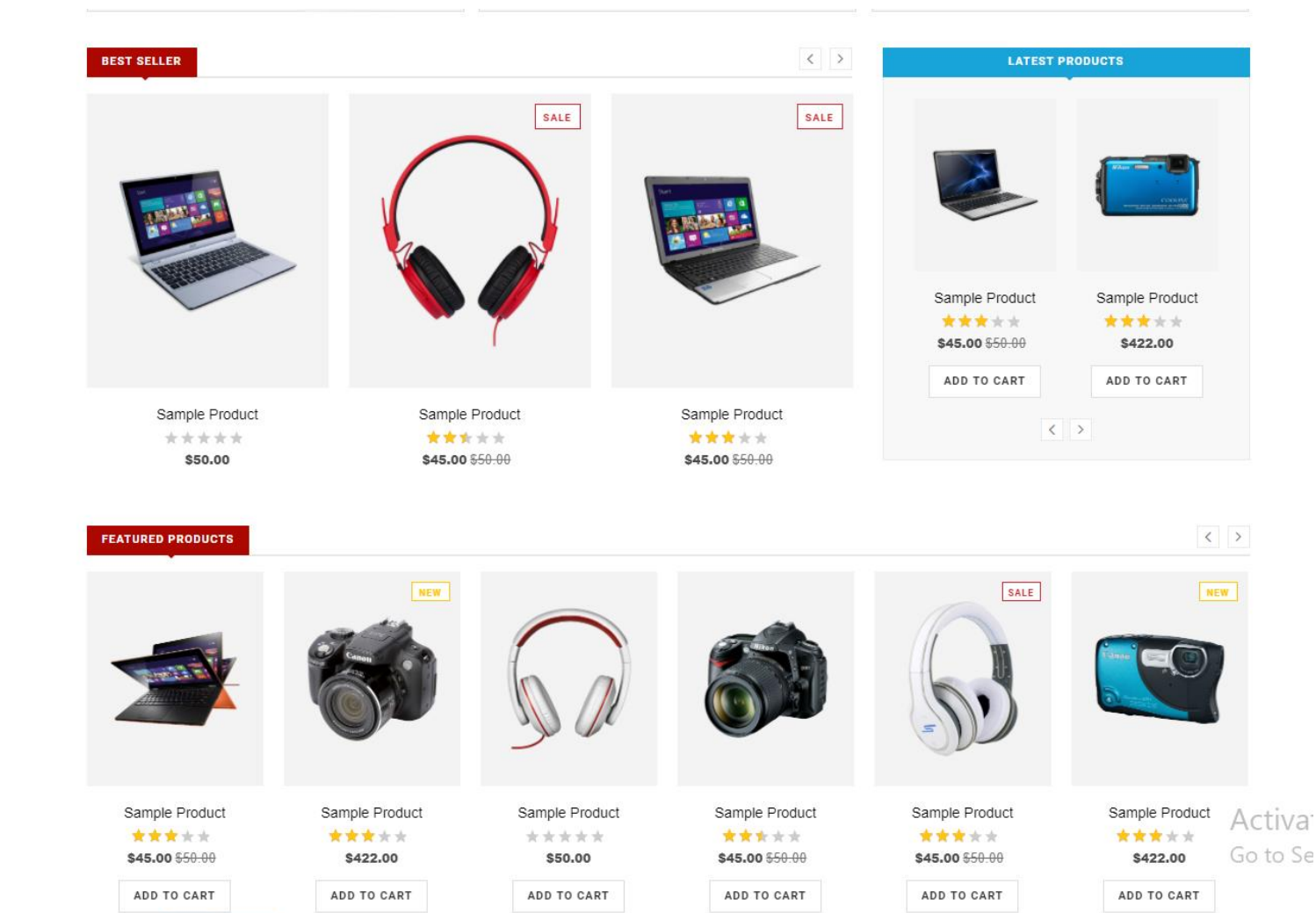
- When you click on the List products in menu, the page will switch to the Product page.

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## I. HOMEPAGE

### 3. Hot products in HomePage



- When you click on the product in Homepage , the page will switch to the Product-detail page.

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I. HOMEPAGE

4. Footer



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus diam arcu.






**INFORMATION**

- > Site Map
- > Search Terms
- > Advanced Search
- > Contact Us
- > Suppliers
- > Our stores

**CONTACT US**



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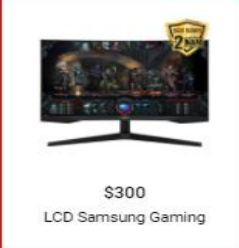
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## II. PRODUCTS PAGE


### BEST SELLING PRODUCTS




\$500  
Dell Vostro 3491




\$300  
LCD Samsung Gaming



\$99  
Brother HL-L2300D



~~\$55~~ \$45  
PROLINK PHB6003E



₹13275  
Speedlink Mobile

#### CATEGORIES

- Laptop- PC- Printer- Accessories +
- Mobile - Accessories +
- Refrigerator +
- Washing Machine +
- Home Appliances +

#### TRADEMARK

☐ ASUS
 ☐ hp

☐ DELL
 ☐ Apple

☐ acer
 ☐ Lenovo

☐ msi
 ☐ LG

#### PRICE

☐ Under \$200

☐ \$200 to \$400


☐ \$400 to \$600

☐ \$600 to \$800

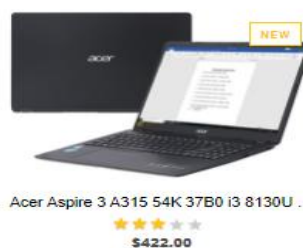
☐ \$800 to \$1000

☐ \$1000 & Above


Page: 1 2




HP 15s fq1111TU i3 1005G1 (193R0PA)  
★ ★ ★ ★ ★  
~~\$500.00~~ \$450.00




Acer Aspire 3 A315 54K 37B0 i3 8130U ...  
★ ★ ★ ★ ★  
~~\$422.00~~




Dell Vostro 3491 i3 1005G1 (70223127)  
★ ★ ★ ★ ★  
~~\$500.00~~




MacBook Air 2017 128GB (MQD32SA/A)  
★ ★ ★ ★ ★  
~~\$1200~~ \$1000




Apple MacBook Air 2020 i3 256GB (M...  
★ ★ ★ ★ ★  
~~\$1600~~ \$1200




Apple MacBook Pro Touch 2020 (MWP...  
★ ★ ★ ★ ★  
~~\$2000~~



23.8" CALL DUTY MONITOR  
★ ★ ★ ★ ★  
~~\$300~~



23.8" ZINAM MONITOR  
★ ★ ★ ★ ★  
~~\$200~~



23.8" MONITOR  
★ ★ ★ ★ ★  
~~\$200~~

- Product Page shows different electric product categories
- Product Page is opened from the homepage
- When you click on the product, the page will switch to the Product-detail page.

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III. DETAIL- PRODUCTS PAGE

1. Detail- products

Q

All Categories

▼

Search here...

SEARCH

Log In | Sign up Now

0

HOME

LAPTOP/PC

MOBILES

REFRIGERATOR

WASHING MACHINE

HOME APPLIANCES

NEWS

CONTACT US

DOWNLOAD PRICES

Roll over image to zoom in

Waistcoat with Horizontal Stripes

★★★★★

1 Review(s) | Add Your Review

\$345.99

\$309.99

IN STOCK

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam fringilla augue nec est tristique auctor. Donec non est at libero vulputate rutrum. Morbi ornare lectus quis justo gravida semper. Nulla tellus mi, vulputate adipiscing cursus eu. Nunc facilisis sagittis ullamcorper. Proin lectus ipsum, gravida et mattis vulputate, tristique ut lectus. Sed et lorem nunc. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Aenean eleifend laoreet congue. Vivamus adipiscing nisl ut dolor dignissim semper. Nulla luctus malesuada tincidunt...

QUANTITY:

-

1

+

ADD TO CART

ADD TO WISHLIST

ADD TO COMPARE

EMAIL TO FRIEND

PRODUCT DESCRIPTION

REVIEWS

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam fringilla augue nec est tristique auctor. Donec non est at libero vulputate rutrum. Morbi ornare lectus quis justo gravida semper. Nulla tellus mi, vulputate adipiscing cursus eu, suscipit id nulla. Donec a neque libero. Pellentesque aliquet, sem eget laoreet ultrices, ipsum metus feugiat sem, quis fermentum turpis eros eget velit. Donec ac tempus ante. Fusce ultricies massa massa. Fusce aliquam, purus eget sagittis vulputate, sapien libero hendrerit est, sed commodo augue nisi non neque. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed tempor, lorem et placerat vestibulum, metus nisi posuere nisl, in accumsan elit odio quis mi. Cras neque metus, consequat et blandit et, luctus a nunc. Etiam gravida vehicula tellus, in imperdiet ligula euismod eget. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Nam erat mi, rutrum at sollicitudin rhoncus, ultricies posuere erat. Duis convallis, arcu nec aliquam consequat, purus felis vehicula felis, a dapibus enim lorem nec augue.

Nunc facilisis sagittis ullamcorper. Proin lectus ipsum, gravida et mattis vulputate, tristique ut lectus. Sed et lorem nunc. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Aenean eleifend laoreet congue. Vivamus adipiscing nisl ut dolor dignissim semper. Nulla luctus malesuada tincidunt. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Integer enim purus, posuere at ultricies eu, placerat a felis. Suspendisse aliquet urna pretium eros convallis interdum. Quisque in arcu id dui vulputate mollis eget non arcu. Aenean et nulla purus. Mauris vel tellus non nunc mattis lobortis.


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### III. DETAIL- PRODUCTS PAGE

#### 2. Review and user comments



QUANTITY:

-

1

+

ADD TO CART

ADD TO WISHLIST

ADD TO COMPARE

EMAIL TO FRIEND

PRODUCT DESCRIPTION

REVIEWS

Write Your Own Review

How do you rate this product? \*

	1 *	2 *	3 *	4 *	5 *
Price	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Value	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Nickname\*

Summary\*

Review\*

SUBMIT REVIEW

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IV. NEWS

BLOG


How to transform your home into a smart home





If when you hear the term "smart home" you still picture some kind sentient house as part of a "Jetsons"-esque future, it may be time to upgrade your understanding. You probably already have a smart home device and you might not even know it! These days smart home technology covers a whole range of products that can allow you to manage appliances and devices in your house efficiently, even when you aren't there. Some work as a suite of products so that they can all work together for even more efficiency and ease. No idea where to start? No worries. Here are a few steps you can take to get your home working in a whole new way, so you have more time to enjoy life – whether you're home, or not.


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Apple Silicon could...  
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CATEGORIES

- First Category
- Second Category

AD SPOTS

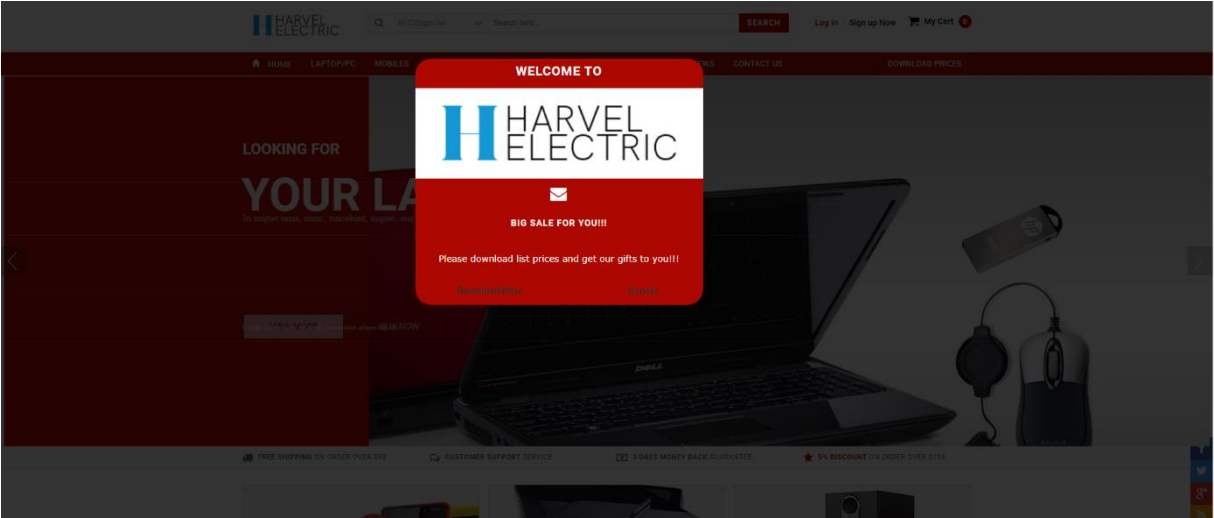


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# VI. DOWNLOAD LIST PRICES (POP-UP)



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<b>Date</b>		

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<b>S.No</b>	<b>Features Tested</b>	<b>Remarks</b>
1.	Full name, comment can not be blank	
2.	The Email Address field must be in format xxxxx@xxx.xxx	
3.	Telephone fields must be digits only	

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<b>Date</b>		



<b>Design Plan:</b> Harvel Electric	<b>Document Name:</b> Final checklist	SWD/Form No.07/FC/Ver1.0
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<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.	Are the codes working as per the specification?	
6.	Does the application's functionality resolve the client problem, and satisfy his needs completely?	
7.	Have the hardware and software been correctly chosen?	
8.	Additional features and utilities that give value addition to the entire project.	

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<b>Design Plan:</b> Harvel Electric	<b>Document Name:</b> Task Sheet	SWD/Form No.08/TS/Ver1.0
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No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planned Start Date	Actual Start Date	Actual Days	Status
1	Nguyễn Linh Phương	The Home Page should be created making use of Sections with a suitable logo. Download list price. The news page provide info to user.	Home	9-Nov-20	14-Nov-20	5	Not yet
2			Download list price				
3			News pages				
4			News detail				
1	Trần Công Sang	The products have to be categorized according to different types of products. A menu which will contain the options for brief introduction about product,..	Product	9-Nov-20	14-Nov-20	5	Not yet
2			Menu				
3			Product Details				
4			Shopping cart				
1	Lại Ngọc Thủy Tiên	Info about Harvel and how to contact. Sitemap. Login-Signup.	Contact us	9-Nov-20	14-Nov-20	5	Not yet
2			Sitemap				
3			Login-Signup				
4			Footer				

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
<b>Design Plan:</b> Harvel Electric	<b>Project Group No:</b> 03	LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		