FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

EYEONIC

Supervisor: *LÊ THANH NHÂN*

Semester: *01*

Batch No: *T1.2201.E0*

Group No: *05*

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3.	*Võ Thanh Hải*	*Student1362612*
4.	*Võ Tường Lãm*	*Student1362616*

***Month**: 04 **Year**: 2022*

This is to certify that

Mr.	**TRẦN PHAN BẢO KHÁNH**
Mr.	**TẤT GIA VINH**
Mr.	**VÕ THANH HẢI**
Mr	**VÕ TƯỜNG LÃM**

Have successfully Designed & Developed

EYEONIC

Submitted by:

Mr. LE THANH NHAN

Date Of Issue:

Authorized Signature:

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ACKNOWLEDGE

As we understand that the eProject is a step-by- step learning environment that closely simulates the class-room and Lab based learning environment into actual implementation. It is a projectimplementation at your fingertips!! An electronic, live juncture on the machine that allows you to.

- ✓ Practice step by step i.e. laddered 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.

We would like to send a great thank to our professor and others student for the addorable supports during the time in project.

Beside serveral mistakes we had made in the project, we hope to have more oppotunities to widen our knownledge in web developing world.

We also thank you so much for your infomation and the “demo” project from India APTECH to help us get more reality experience in this project. Since we have gained more experience from this project, we will not stop learning any thing as much as we can to be more successful in the future.

Your Sincerely,

Team Group 05.

SYNPOSIS

The Objective of this program we aim is to give a sample project to work on real life projects. These applications help us build a larger more robust application.

The objective is not to teach us HTML/JavaScript but to provide us with a real life scenario and help us create basic applications using the tools.

Hence, we can revise the chapters before we start with the project.

This project is meant for students like us who have completed the module of HTML5. These programs should be done in the Lab sessions with assistance of the faculty if required.

Our store's website is selling glasses. Our customers or member can watch and choose what they want to buy on our website.

It is very essential for us that will have a clear understanding of the subject. We think we should go through the project and solve the assignments as per requirements given.

And get back ***eprojects@aptech.ac.in*** as the assigned schedule.

PROBLEM DEFINITION

Eyeonic is selling various types of Lenses and Frames. Company has a large collection of Frames and lenses. 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.

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

1) Home Page should contain logo of the site with proper sections and details of Frames and Lenses with suitable images.

2) The site should display a menu which will contain the options for brief introduction about the various frames and lenses available, location of the shop and any other information if required.

3) The information should be categorized according to the brand names of the products like if a User wants to see only “Ray-Ban” products or any other companies products then he/she can click on a Link/button/menu etc and can see only that Brand products.

4) Another category option for “Contact Lenses”, “SunGlasses” etc. should be created and accordingly the products should be listed.

5) When a user selects any particular brand, a list of products for that brand will be displayed

6) 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.

7) The user should also be able to compare the various products of different as well as similar brands.

8) There should be a "Contact Us" page which will have the Address of the Company which is as follows 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 REQUIREMENTS SPECIFICATIONS

Describe the characteristics in the data processing cycle for each user object.

User:

Input:

- Discount program registration data
- Choosing product
- Watching product information
- Feedback for admins

Process:

- Brand information searching
- Product name searching
- Price searching
- Product comparison tool

Output:

- Brand Information
- Product name information
- Price
- Product information comparison results

Webmaster:

Input:

- Information about the brand
- Information about product
- Price information
- Product description
- Product information comparison results

Process:

- Add/edit/delete products
- Add/edit/delete product quotation
- Check feedback information

Output:

- Product List
- Product information
- Notice of successful registration
- Product comparison tool
- Search tool

Hardware / software requirement:

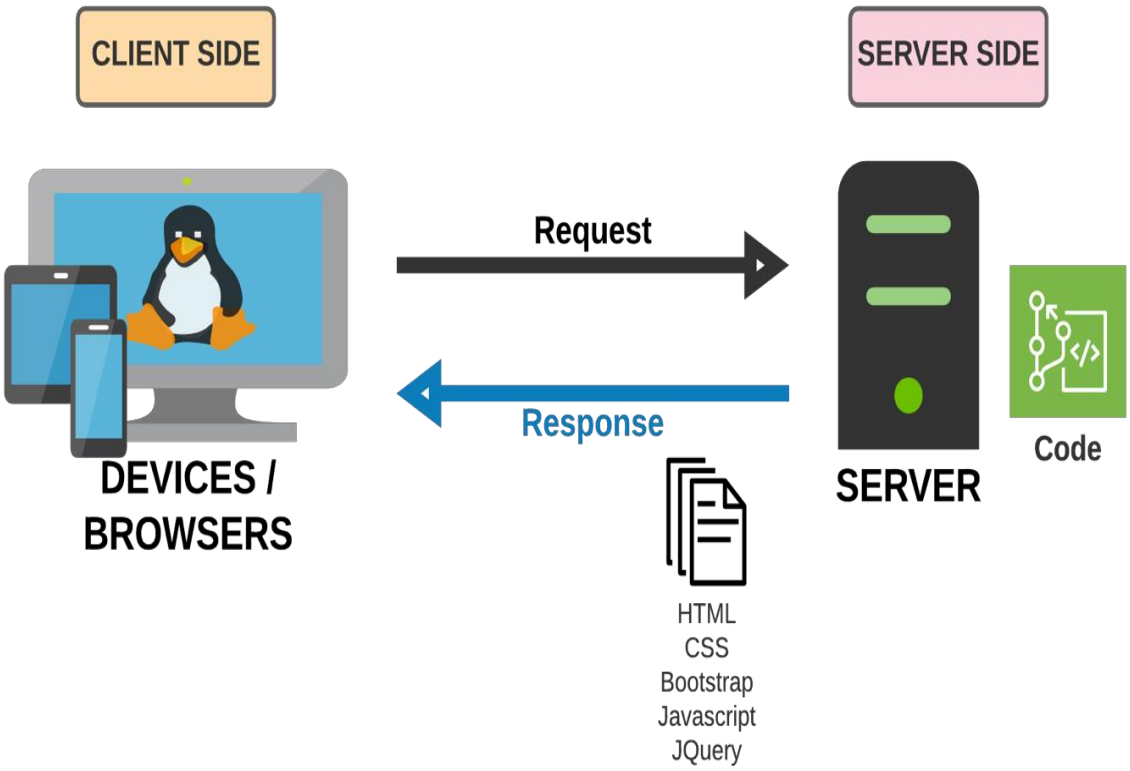
Software:

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

Hardware:

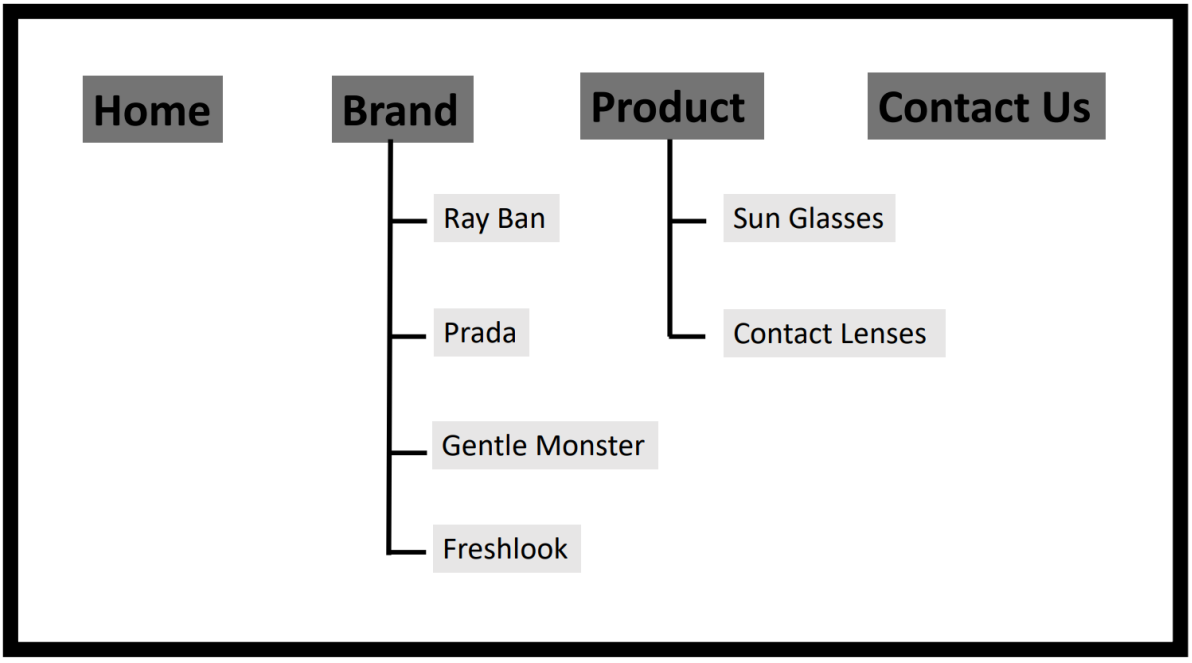
- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
- 64 Megabytes of RAM or better

ARCHITECTURE AND DESIGN OF THE PROJECT



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 05	**Lê Thanh Nhân**
Signature		
Date		

SITE MAP



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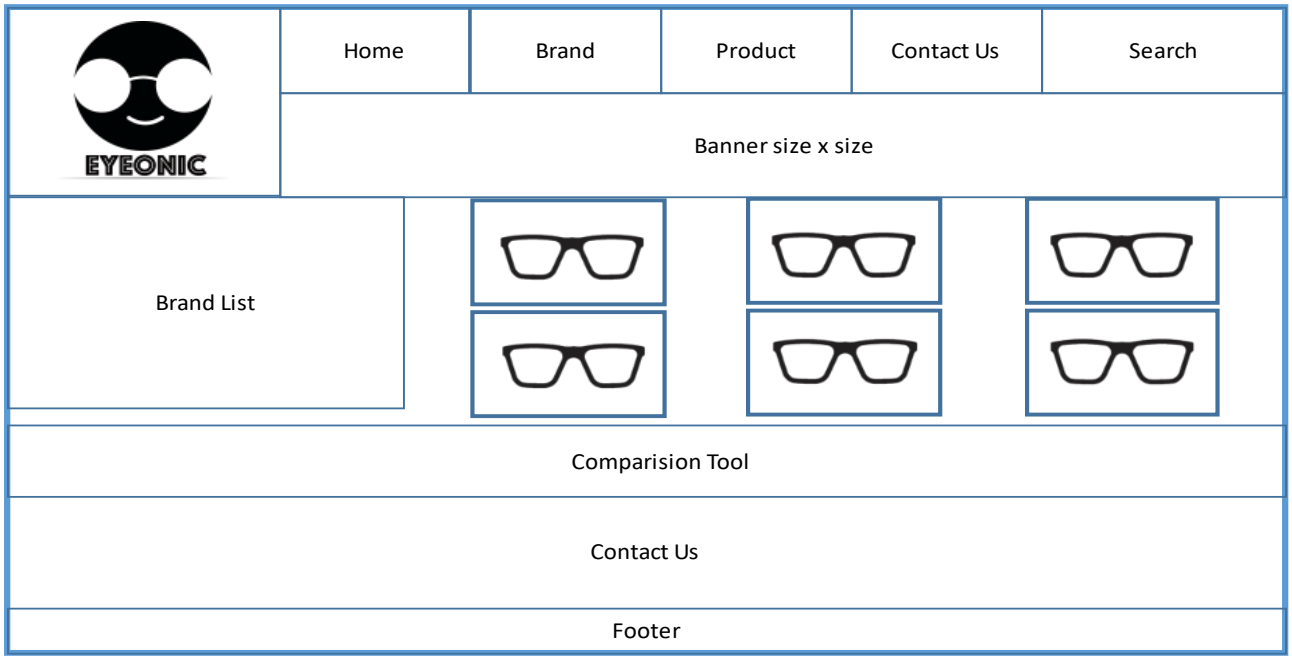
I. Home page



Description: We have a logo on top left in the homepage. Beside that we have a navigation bar include: Home, Brand, Product, Contact Us. Searching will be on the top right. There a banner under the nagivation. A picture of many poroduct will be show in the banner.

In the body, we have a brand list on the left and the menu of product the we have on the right.

We have a Comparition Tool under the menu for user can use that to compare 2 or 3 product information.

The last that we have a Contact information.

From: The product display are all readed from the data that we created.

To:

- Home: Go to homepage

- Brand: User can choose what brand they want, click on 1 of them will bring user go to another page that show only product of brand they choosed(4 brand avalible).

- Product: User can choose what kind of product they want (2 kind of product avalible), click on 1 of them will bring user go to another page that show only kind of product that they choose.

- Contact Us: Will show another page that show our address on the map. Beside that we have a register form that customer can add their email for us, we will send a next promotion for them to the next time.

- Search: Show up what user typing about product(Name, brand, kind of glasses).

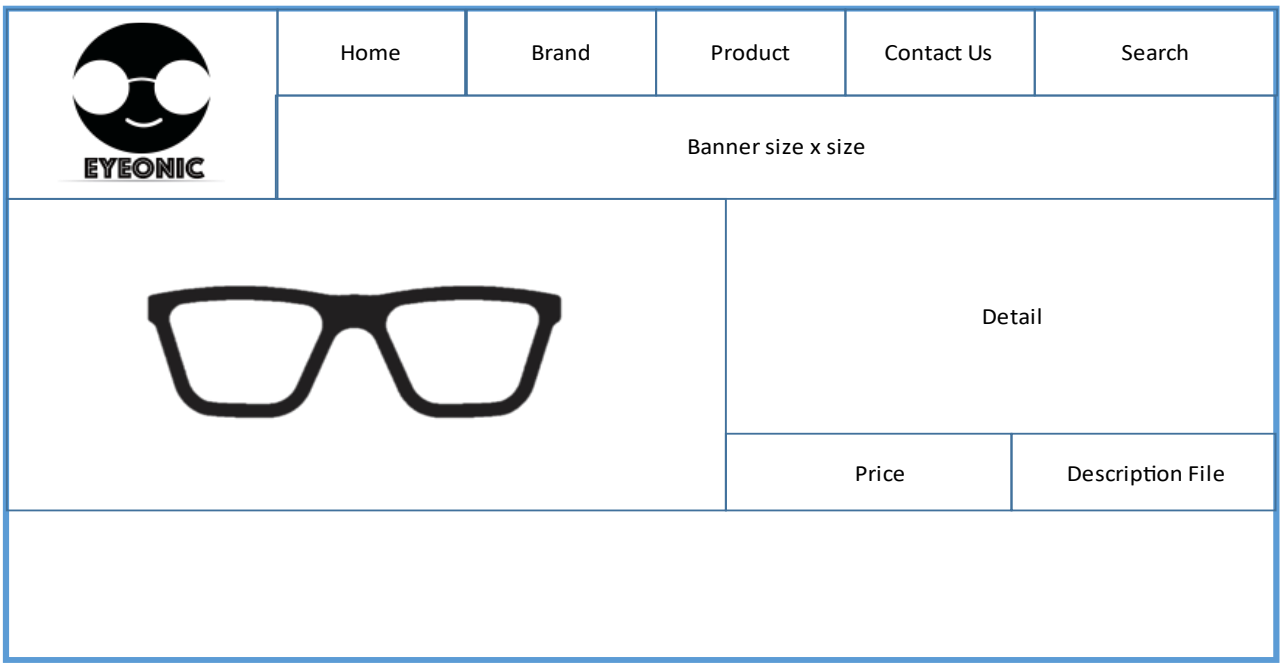
- Brand List: They can also click the brand they want in here and we will show up only product of that brand on another page.

- Menu of product: Click on one product will show another page that have more information about only the clicked product (Price, Detail, Description history of product).

- Comparition Tool: Will show result on another page with only 2 or 3 product that user choosen.

- Contact Us: Will show another page that have information about us (Address and Email Form).

II. Product Detail page

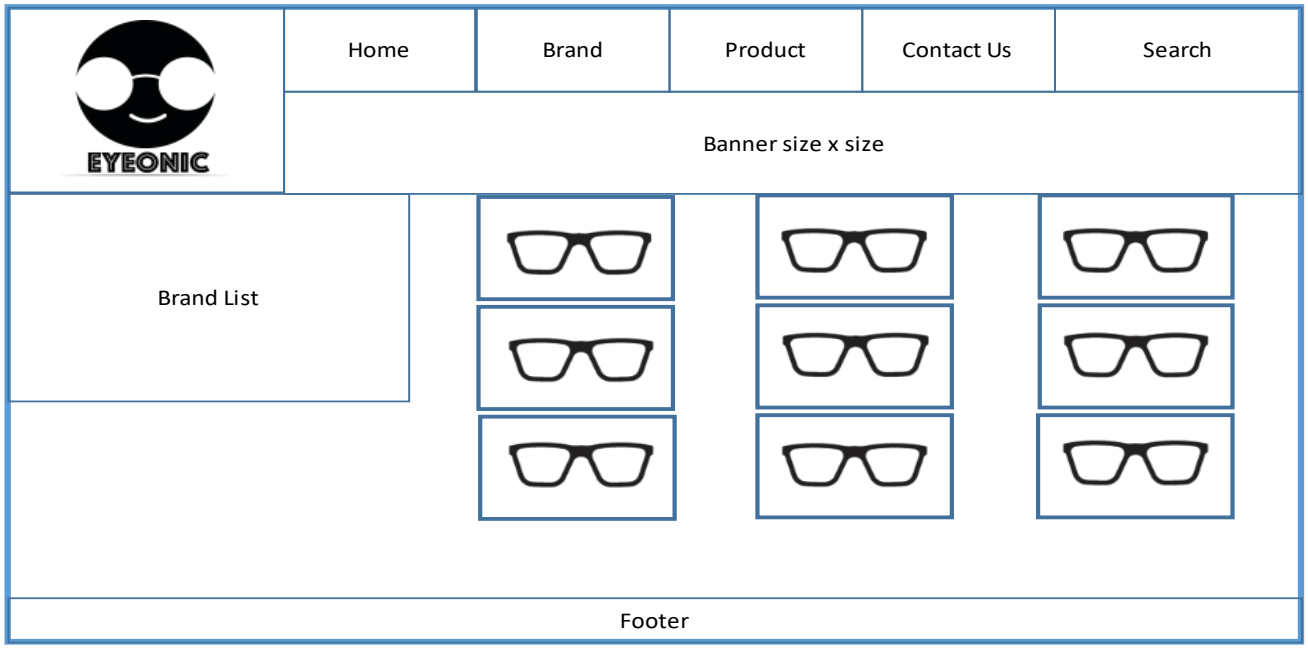


Decription: Show only product that user choose on the menu from the homepage, brand, or product by clicking to that product.

From: Product Menu and clicking it.

To: Product detail page.

III. Brand page

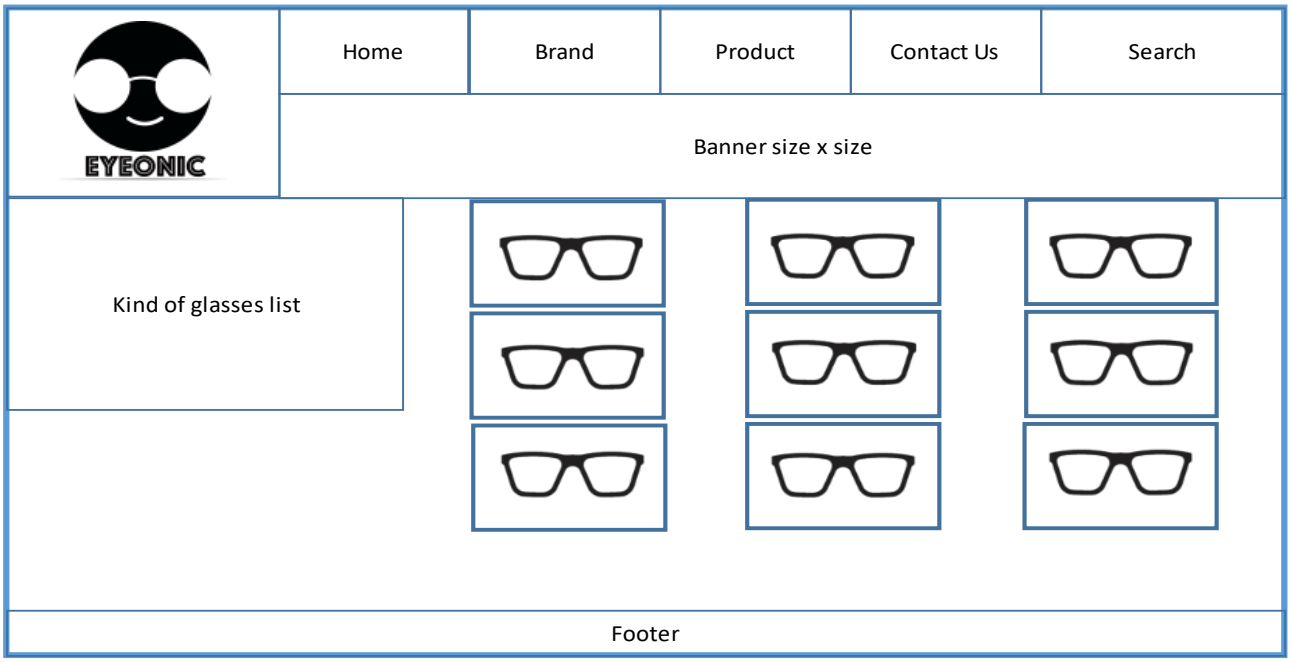


Decription: Show all product about the brand user choosed.

From: Brand button on navigation.

To: Brand page

IV. Product page

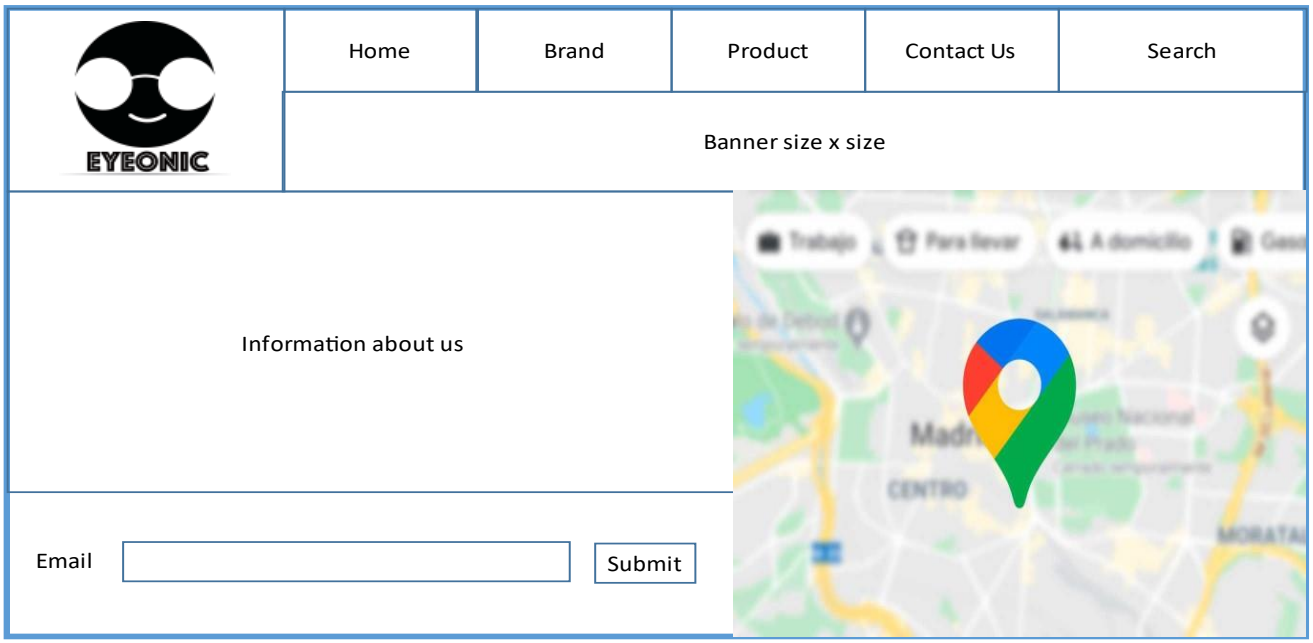


Decription: Show all product about kind of glasses user choosed.

From: Product button on navigation.

To: Product page

V. Contact Us page



Decription: Show our information include history and address.

From: Contact Us button on navigation.

To: Contact Us page

TESTING DOCUMENT

Sr.No	Features Tested	Remarks
1	Click at logo can return home page	
2	Check the email format is correct	
3	Check links are working	
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

FINAL CHECKLIST

Sr.No	Aspected Tested	Suggestion/ Remarks
1	Are all the users able to view the images and links?	
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	
3	Are the GUI content devoid of spelling mistakes?	
4	Is the application user-friendly?	
5	Is the Website launching correctly in all popular browsers?	
6	Are all the forms validated with proper criteria?	
7	Do all text links lead to the appropriate website?	
8	Do all image links lead to the appropriate website?	
9	Are all the images and links clearly visible on the page?	
10	Does the Web page work properly in all the tested browsers?	
11	Does the Web page take too long to be loaded fully?	
12	Is the navigation sequences correct through all the Web pages on the site?	
13	Is the JavaScript code working as expected in all click events?	

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 05	Lê Thanh Nhân
Signature		
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TASK SHEET

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planed Start Date	Actual Start Date	Actual Days	Status
1	TRẦN PHAN BẢO KHÁNH	Hompage	Hompage.html	20/04/2022	02/05/2022	5	OK
2		ContactUs	ContactUs.html	20/04/2022	02/05/2022	5	OK
1	TẤT GIA VINH	Search	Search.html	20/04/2022	02/05/2022	5	OK
2		Geolocation	Geolocation.html	20/04/2022	02/05/2022	5	OK
1	VÕ THANH HẢI	ProductMenu	ProductMenu.html	20/04/2022	02/05/2022	5	OK
2		Compare/Research	Compare/Research.html	20/04/2022	02/05/2022	5	OK
1	VÕ TƯỜNG LÃM	ProductDetail	ProductDetail	20/04/2022	02/05/2022	5	OK
2		ProductDescription	ProductDescription	20/04/2022	02/05/2022	5	OK

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