



Alliance with FPT Education

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# EYEONIC

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## FPT ACADEMY INTERNATIONAL FPT – APTECH COMPUTER EDUCATION

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## **1.ACKNOWLEDGEMENT**

The world is a better place thanks to people who want to develop and lead others. What does make people better who share the gift of their time to mentor future leaders. We would like to acknowledge all those who have given us their support and knowledge sharing in the making of this project.

We wish to express our gratitude to the e-Project Team at the Head Office in India, who provided us with guidance and instructions. We would like to thank all the staff members at the Center in India for providing us the opportunity to work on this project and offering us their upmost encouragement throughout the process.

We would like to express our special thanks of gratitude to our instructor, Mrs. Pham Thi Lanh at the Aptech Computer Education HCMC for her able guidance and support in completing our project. We would also like to extend our gratitude to the staff at the Aptech HCMC office for providing us with all the facility that was required.

Our acknowledgement to several people who also helped with the collections of pictures samples, CSS & JS libraries, the preparation of web development, sample code snippets and tutorials and they are all thanked for their contributions. Special mentions go to the contributors of Bootstrap 4, the contributors and admins for tutorials sites such as W3C school, Tutorialspoint.com, Geeks for Geeks, and many other learning sites.

And Lastly, to our many friends and family, you should know that your support and encouragement was worth more than we can express on paper. Thank you to our moms and dads for breakfasts, lunch and dinners – we could not have finished the project without being provided with love and daily nourishments.

## **2.Eyeonic**

Eyeonic store is eyewear workshop providing vision care make your overall eye health and wellness a priority. The same level of care goes into every pair of high quantity eyewear and contacts we sell.

Eyeonic mission to help you find the perfect-for-you pair of eyewear or contacts as well as care for the eyes behind them. With access to our network of 38,000 doctor and free frame adjustments, you can trust that Eyeonic is always looking out for your eyes.

You are supposed to create a website for them with the below mentioned requirement specifications:

- The website is to be developed to provide certain features according to specific requirements by the management.
- 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.

## **3. Review 1**

### **3.1 Requirement Specification:**

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 branding, 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 Geographic Location API (etc. Google Maps).

### **3.2 Problem Statement**

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.

We are supposed to create a website for them with the below mentioned requirement specifications.

After reading of all requirement statement and problems. We have solution to solve all these things and get the company to connect the client easily. So, the Website can provide all information of product which the customer can seek the information of their needs for protect their vision.

### **3.3 Customer requirement specification:**

#### 1.Client: Eyeonic Store

#### 2.Objective:

- Providing the information of products that Eyeonic selling by category products (etc. frames, contact lens, sunglasses....)
- The website should have the smooth working by adding the logo and image that make the attraction to the user in the first looking at the website. Homepages have the most of images and information about new product arrival and some advertising images about the product. Also, the navigation bar are multiple links which able to click to the product branding and more features. The information user needs are show in the brand-product page and more detail inside. Others, client can make comparation from the different product which is having the same value or information they need. In addition, users can get to us the review of product about the quality or our services on the page.
- User can download the description information of product when they want to save in computer. If the user wish looking the product in store or contact with us, they can send us message via the email, or we show them our physical location by doing click to “Contact us” page.
- User can looking that Eyeonic store’s services have to provide information the best service to the customer (etc. Free-shipping, Cleaning, Warranty....)

#### 3.Features of the website:

- Clickable to links on the menu or searching product.
- Clickable to show the information kinds of product via the links “Sunglasses, Frame, Contact Lens” and show all product in the links.
- Clickable to compare different product via “Comparation Product” links when user is looking in the product showed on the page with the other product.
- Clickable to the “Services” links to show the service that Eyeonic providing.
- Click “Download” links for downloading information product documents from Eyeonic store.
- Click “Contact Us” on webpage to make the connection with client and user. Our office location will be displayed using Geolocation API embedded in the HTML.
- Click “Send us an email” via send us email links with the text form.
- Click “Buy Now” that product have reserved on the badges. And show user-cart shopping after they choice product.
- The user to get able to be the member by creating the account on “Sign Up” and login their account on “Sign In”.

#### 4. Hardware/ Software Requirements

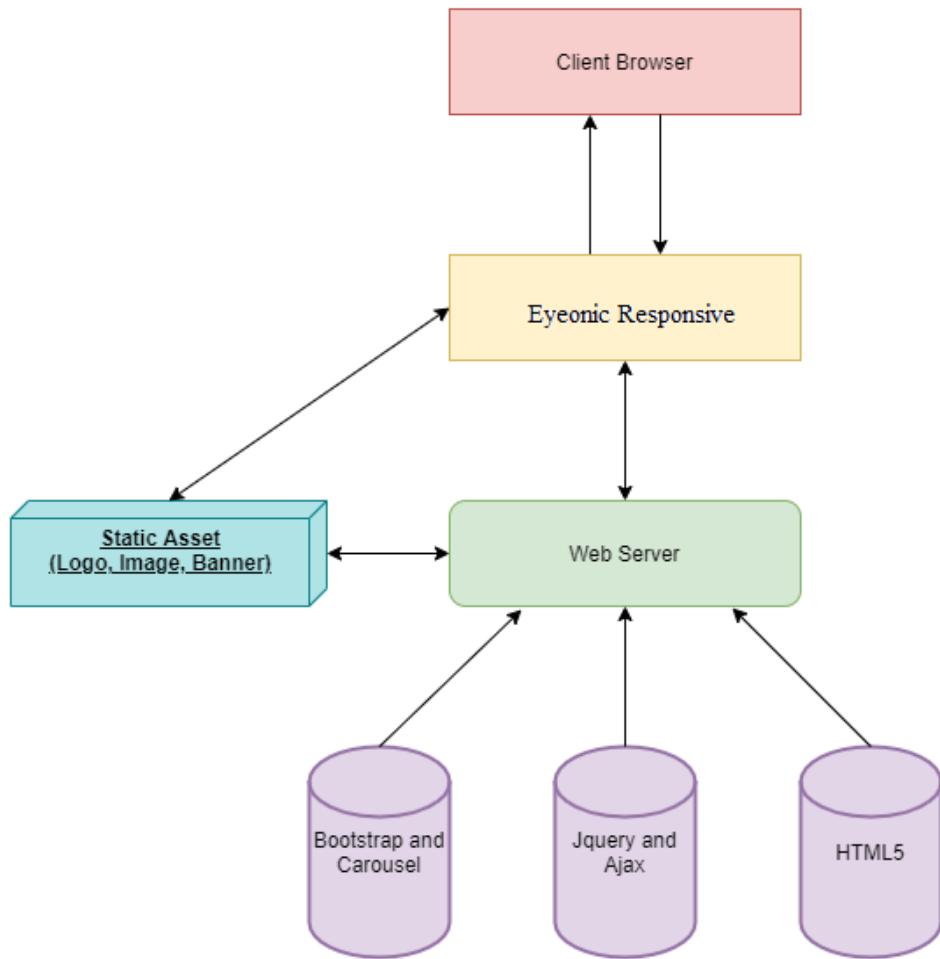
##### **Hardware**

- 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

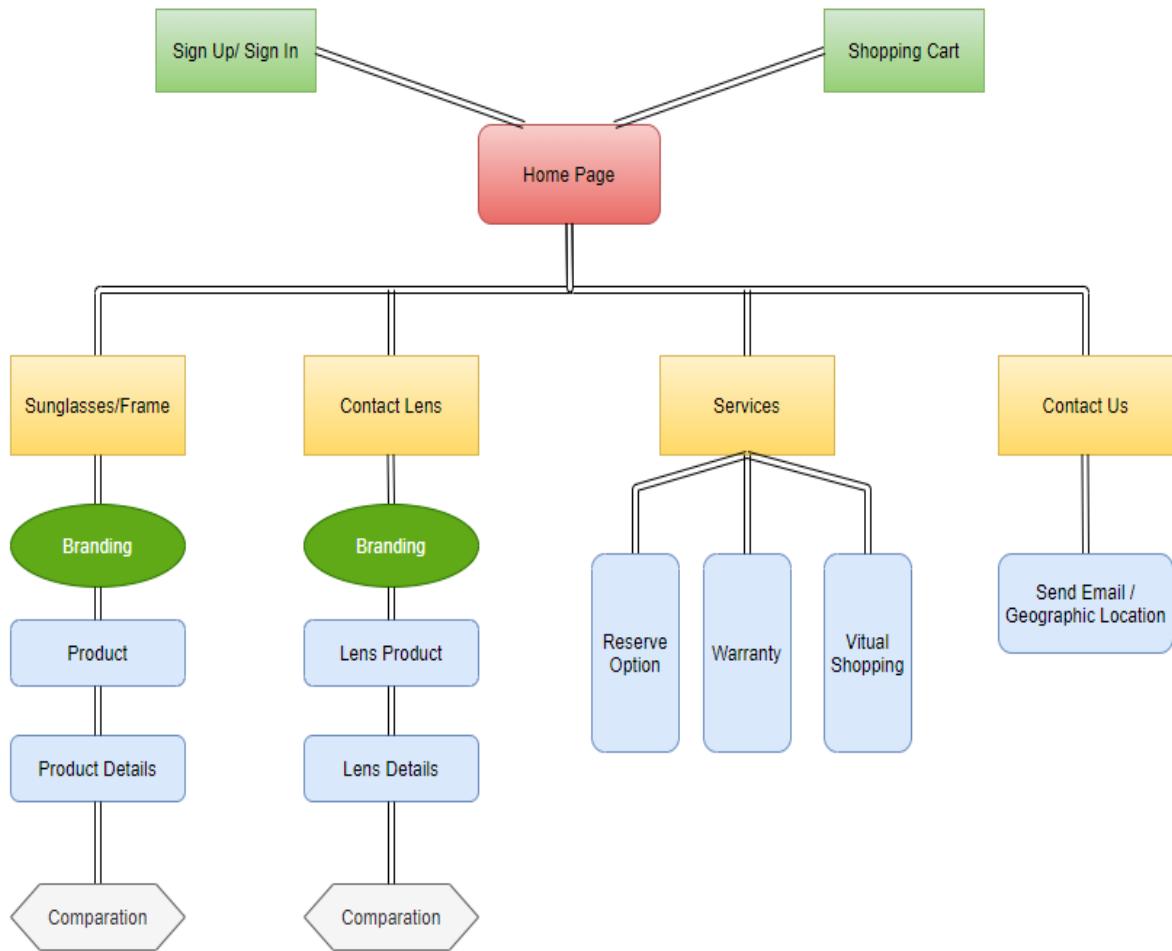
##### **Software**

- Notepad/HTML editor
- Visual Studio Code
- IE 9.0/ Netscape 6.0

### 3.4 Architecture and Design System:



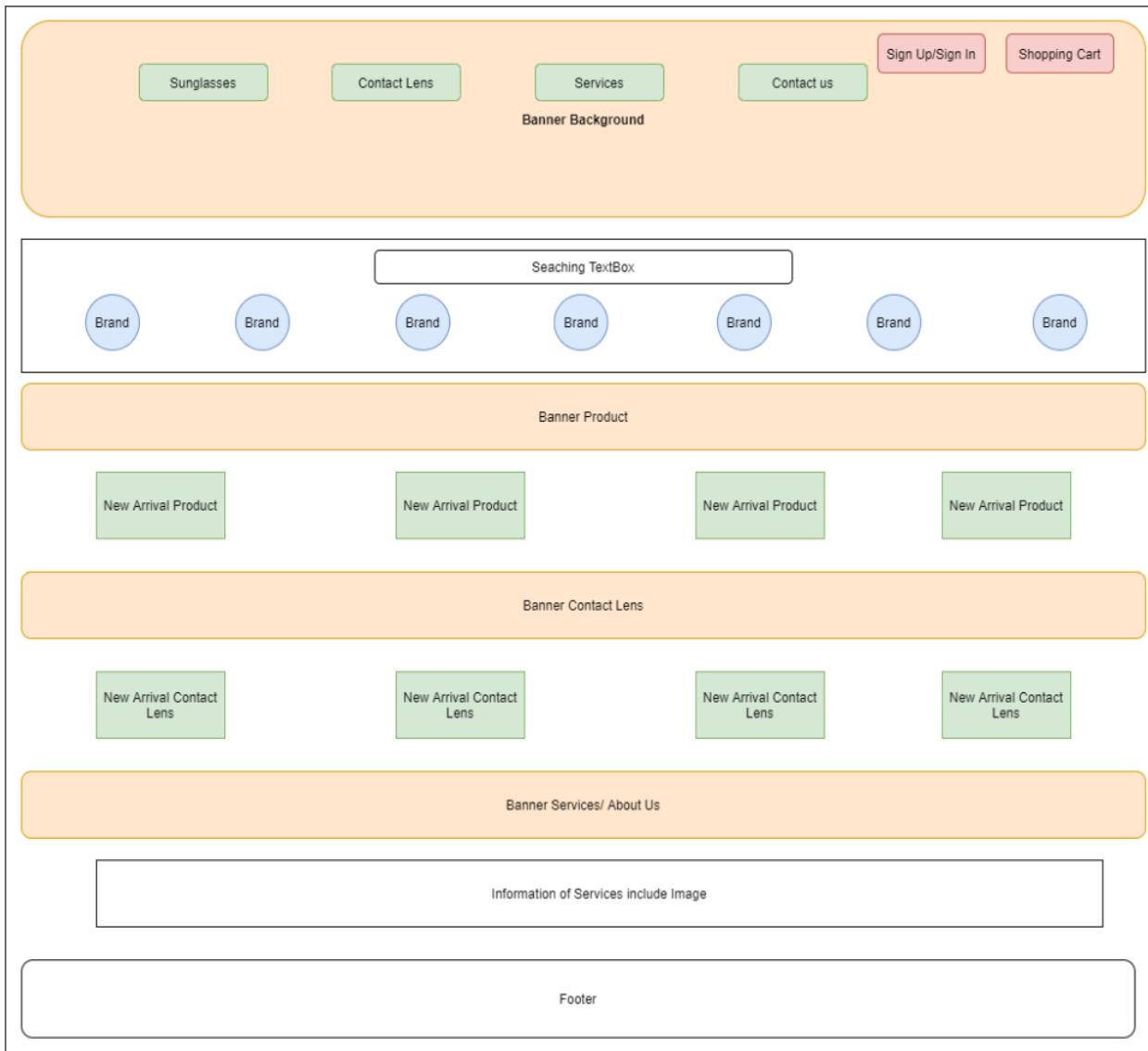
### 3.5 Site Map



### **3.6 Web Design Layout:**

The website layout is to be designed with a SIMPLE but ELEGANT design. Because of the objective is to QUICKLY and SYSTEMICALLY deliver information to the site visitors, the maintain focus of our webpage will be on the main landing page where all the information will be stored and represented. The site users will have a variety of interactions such as performing search function on a search bar, dropdown menus, comparation features, downloading Word documents, showing product, buying product and more. The websites will also have a few complimentary pages such as Services, Contact Us which contain introductory information about our service and our contact.

#### **1. Home Page:**



This layout below describes our Home Page which contains some important parts:

1. Navigation bar:

Sign in/ Sign out links to create and login user account.

Shopping Cart is the links to show how many product users buying.

Sunglasses/Frame, Contact Lens, Service, Contact Us are the navigation bar to links to the function page for each links.

Background Image is showed behind the navigation bar.

2. Content (Body):

Searching Bar is the function that user can searching what the product they need.

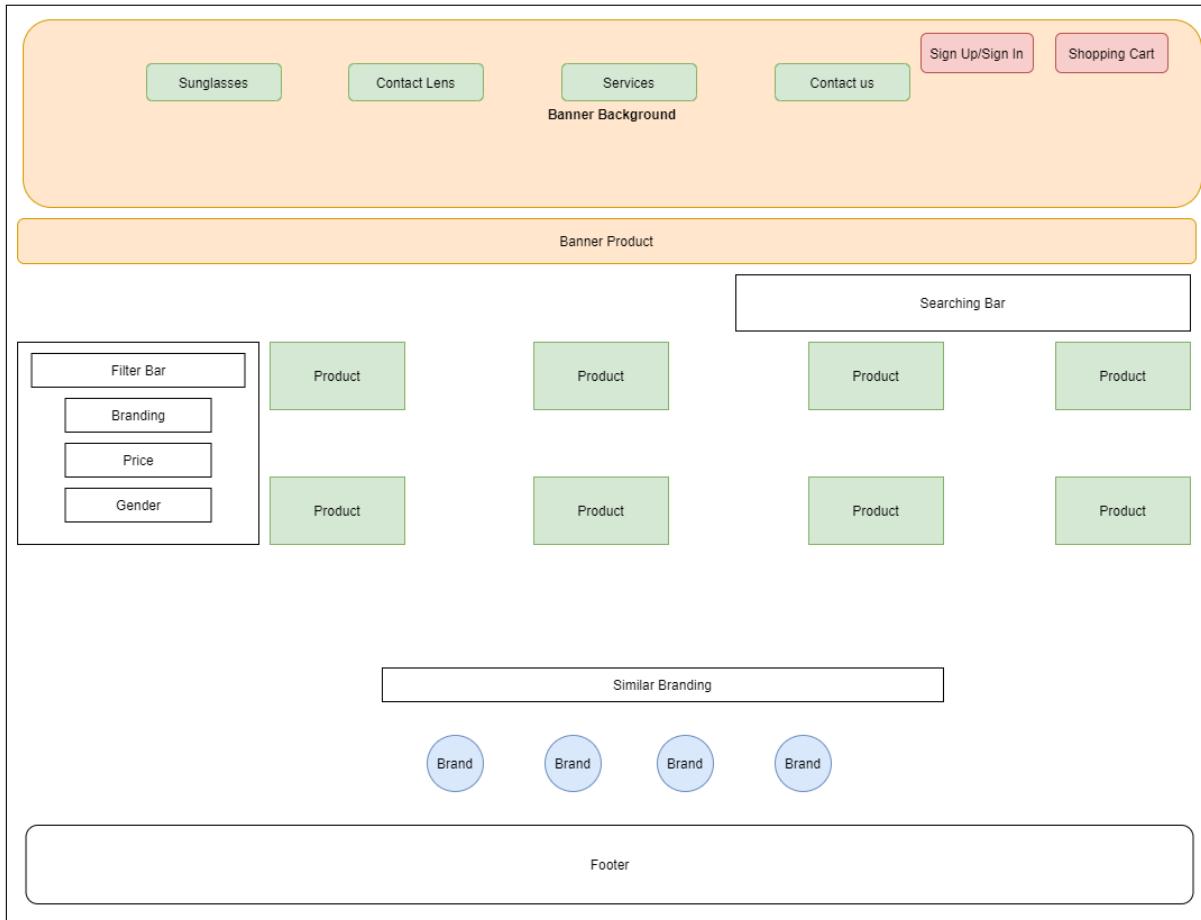
Product banner, contact banner, services banner is showed by images or slider image.

Product and contact lens are only showed the new arrival product which have content such as name product, price, and button shopping.

3. Footer:

Footer will show some categories menu likes Privacy, Help, About Us, logo image and social links.

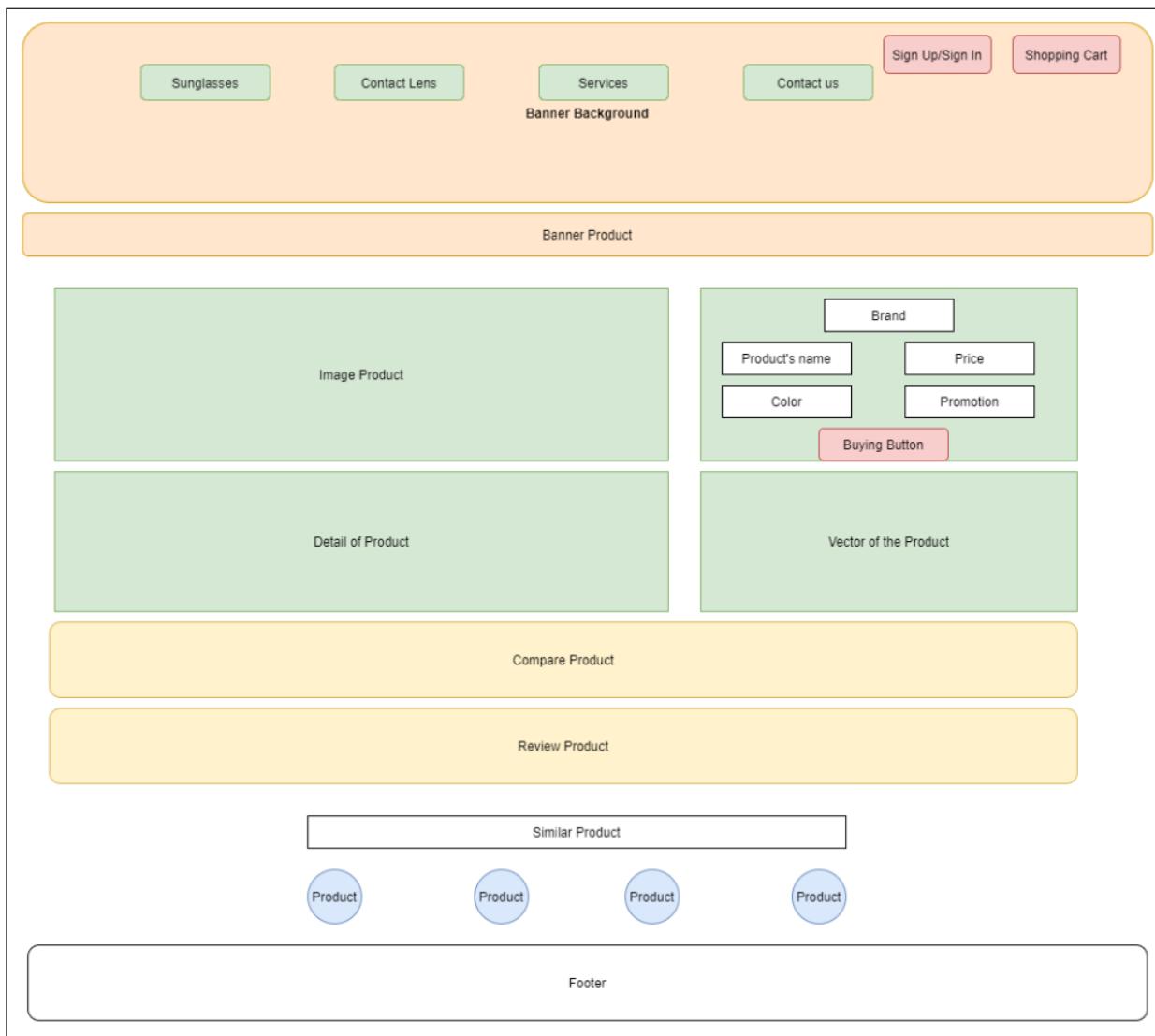
## 2. Brand Sunglasses Product Page, Contact Lens page:



This page is showed all product of the categories of branding/contact lens. The same layout with homepage but the page is added some feature likes filter bar. Also, user can see the similar branding logo which can access to the other branding product easily.

Searching bar is the same function searching with all the page that will show user's input needs.

### 3. Brand Sunglasses Product/ Contact lens Detail Page:



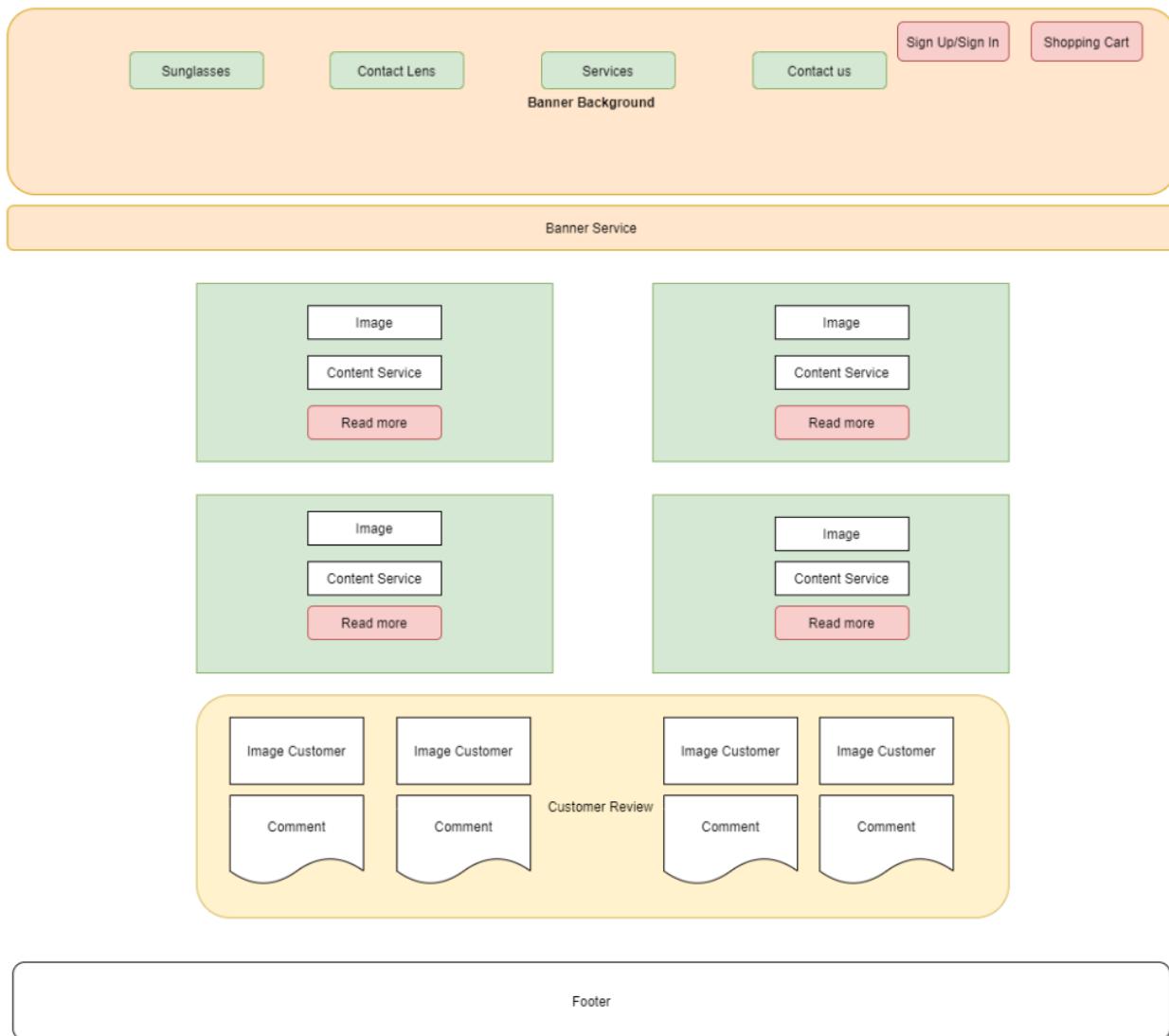
Detail page is show more information about the product that user can see and choose what they need. Then, the buying button function make user's choice into the shopping cart.

Feature more, users can make comparation with the other product on the page. The page will show detail of both product on the comparation that user needs.

After that, user can write the review for the product on this page and can see previous review from the other customer.

Also, the user can download description product document via the links below detail of the product “Click here to download detail of product”.

#### 4. Service Page:

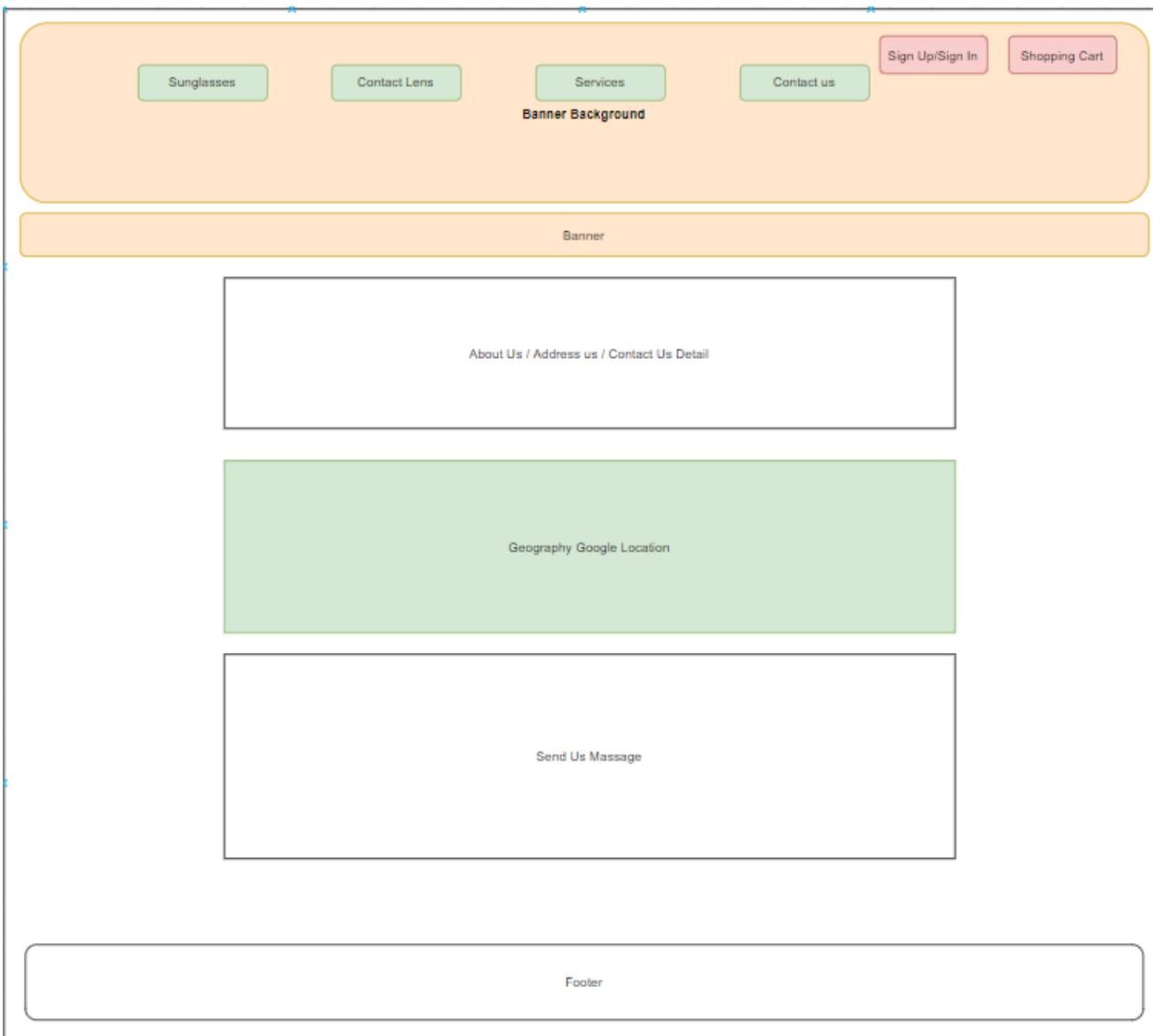


This page is showed all the service that we provide to the customer, user can read more information and choice what they need.

Per service frame has the “Read More” button that help user can seek more information for each service.

Also, there are multi-comment on below that are the customer’s review for the service of Eyeonic.

## 5. Contact Page:



On this page, the website helps the user and customer about the information detail of Eyeonic store such as Geography google location, Eyeonic's content.

Also, the user can contact to Eyeonic by sending message through the page.

### 3.7 TASK SHEET 1

e-Project Title: Eyeonic		Preparation Activity Day			
Task	Activity prepared by person	Actual Start Days	Actual Complete Task Days	Teammate Names	Status
Brainstorming idea for layout and Project Objective	Nhuận, Hòa Đạt Danh	11/6/21	1 day	Nhuận Hòa Đạt Danh	Completed
Draw sitemap and architecture design	Nhuận	11/6/21	1 day	Nhuận	Completed
Design general layout (header, footer)	Nhuận	11/6/21	1 day	Nhuận	Completed
Collect static asset (picture, document, information)	Nhuận Hòa Đạt Danh	11/6/21	1 day	Nhuận Hòa Đạt Danh	Completed
Design and build Home Page	Nhuận	12/6/21	2 days	Nhuận	Completed
Design and build Brand-Sunglasses Product Page and Sunglasses Product Detail	Hòa	13/6/21	4 days	Hòa	Completed
Design and build Contact lens page and Contact lens detail page	Đạt	13/6/21	5 days	Đạt	Completed
Design and build Services and Contact us page	Danh	13/6/21	5 days	Danh	Completed
Write project report review 1	Nhuận	18/6/21	2 days	Nhuận	Completed

Mentor Signature	Team Leader Signature

## REVIEW 2

### 4. PROJECT SNAPSHOTS

#### 4.1 HOME PAGE:

The following snapshots illustrate the creation of Eyeonic home page:

The screenshot shows the homepage of Eyeonic. At the top, there is a navigation bar with links for HOME, SUNGLASSES, CONTACT LENSES, SERVICES, CONTACT US, and SIGN IN | SIGN UP. Below the navigation is a large banner featuring four people wearing sunglasses. The word "eyeconic" is prominently displayed in the center of the banner. A search bar with the placeholder "Search Product You Need" and a "Search" button are located at the bottom right of the banner. Below the banner, a large blue gradient background features the text "SHOP ALL THE LATEST TRENDS EYECONIC.COM". Below this, there is a grid of six sunglasses products, each with a small image, the name, and the price.

Product Name	Price	Action
Moira	\$19.99	<a href="#">Detail</a>
Pascagoula	\$30.99	<a href="#">Detail</a>
Uvalde	\$59.59	<a href="#">Detail</a>
Huntsville	\$29.95	<a href="#">Detail</a>
Nodia	\$69.39	<a href="#">Detail</a>
Elroy	\$59.25	<a href="#">Detail</a>

## Trending Color



GEMSTONE GREEN

Price : \$17

[Detail](#)



VIOLET GALAXY

Price : \$16

[Detail](#)



GREEN YELLOW

Price : \$6

[Detail](#)



GRAY BLIND

Price : \$6

[Detail](#)



BLEND'S BLUE

Price : \$12

[Detail](#)



BLEND'S HONEY

Price : \$10

[Detail](#)

## All The Brands You Love



chromaview



EYE FUSION





Calvin Klein



#### Get in Touch

MON-FRI 9AM - 5PM  
📍 123 Eyeonic Store, L A, Vietnam  
✉️ eyeonicstore@gmail.com  
📞 1.800.556.926

#### Follow Us



#### Company Info

➤ About Us  
➤ Our Stores

#### Services

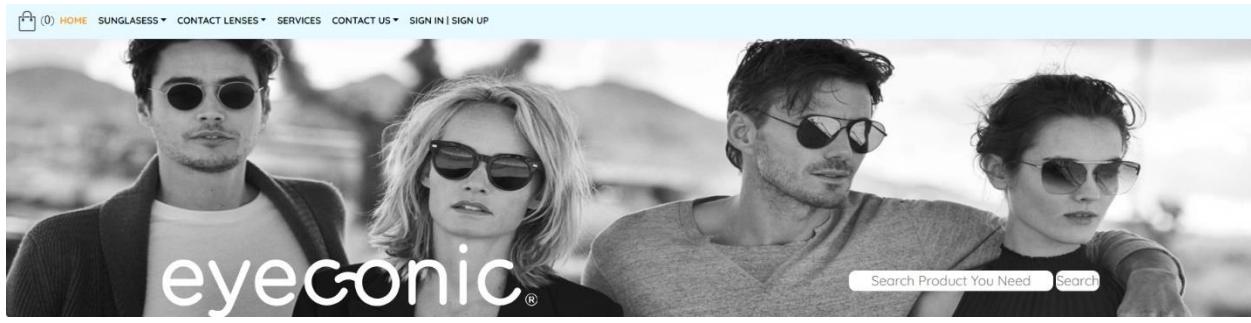
➤ Virtual Shopping  
➤ Options' Shopping  
➤ Promises

We Accept:

Secured By:

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## 4.2 Branding Sunglasses / Contact Lenses



The screenshot shows the homepage of eyeconic. At the top, there's a navigation bar with links for HOME, SUNGLASSES, CONTACT LENSES, SERVICES, CONTACT US, SIGN IN, and SIGN UP. Below the navigation is a large photograph of four people wearing sunglasses. The word "eyeconic" is overlaid on the image. A search bar at the bottom right says "Search Product You Need" and has a "Search" button.



The screenshot shows the homepage of the GUCCI website. It features a photograph of two women in a beach setting, one with blonde hair and a headband, the other with short hair, both eating colorful ice cream cones. The GUCCI logo is prominently displayed in the center of the page.

### ALL PRODUCT

Sorting By:

 Moira \$29.5	 Pascagoula \$30.99	 Uvalde \$9.59
 Huntsville \$29.95	 Tabitha \$15.99	 Wharton \$10.99

### All Branding You Love

LACOSTE 

Calvin Klein

GUCCI 

NIKE VISION 



## COSPLAY STYLES ALL PRODUCT

Sorting By: Latest



VIOLET GALAXY  
★★★★★  
Price: \$16  
color: Purple



BLUE SHIVA PRESCRIPTION  
★★★★★  
Price: \$17  
color: Blue



WHITE OUT PRESCRIPTION  
★★★★★  
Price: \$18  
color:



BLACK MESH  
★★★★★  
Price: \$16  
color: Black



YELLOW AVATAR  
★★★★★  
Price: \$17  
color: Yellow



VIOLET GALAXY  
★★★★★  
Price: \$19  
color: Purple



BLUE SHIVA PRESCRIPTION  
★★★★★  
Price: \$18  
color: Blue



WHITE OUT PRESCRIPTION  
★★★★★  
Price: \$17  
color:

## All The Brands You Love



### 4.3 Sunglasses Product Detail / Contact Lenses Product Detail Page:



#### Details

SKU: FM1481      Gender: Women

Material: Metal

Frame: Full

Progressive: Yes

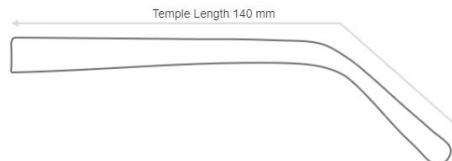
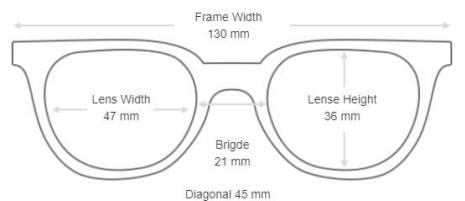
Shape: Oval

Weight: 10.6g (0.37 oz)

#### Description

These finely oval metal frames with water-waved detail are instantly elevating, whatever your wardrobe mood. The curved bridge, adjustable nose pads, and acetate-tipped slimline arms offer a comfortable, adjustable fit.

[Click here to download details of product](#)



## Similar Product

	Moira \$29.5		Pascagoula \$30.99		Uvalde \$9.59		Huntsville \$29.95		Tabitha \$15.99		Wharton \$10.99
<a href="#">Compare</a>		<a href="#">Compare</a>		<a href="#">Compare</a>		<a href="#">Compare</a>		<a href="#">Compare</a>		<a href="#">Compare</a>	

## COMPARE PRODUCT



Name : **Cynthia**

Price: **\$30**

Color: **Gold**

SKU: **FM1481**

Frame: **Full**

Shape: **Oval**

Weight: **10.6g (0.37 oz)**

Gender: **Women**

Material: **Metal**

Progressive: **Yes**

Frame Width: **130 mm**

Lens Width: **47 mm**

Lens Height: **36 mm**

Bridge: **21 mm**

Diagonal: **45 mm**

### Review

Your Name:



[Review](#)

## All Branding You Love



Calvin Klein

GUCCI



NIKE VISION



HOME SUNGLASSES CONTACT LENSES SERVICES CONTACT US SIGN IN | SIGN UP

**eyeconic®**

Chromview

Search Product You Need Search

Language



Similar Costume Style



VIOLET GALAXY



BLUE SHIVA PRESCRIPTION



WHITE OUT PRESCRIPTION



BLACK MESH

★★★★★

★★★★★

★★★★★

★★★★★

#### COMPARE PRODUCT



COLORBLENDS GREEN PRESCRIPTION

Price (\$)	13
Duration (day)	90
Quantity	2 per pack(pair)
Prescription	yes
Type	prescription
Diameter	14.5
Base Curve	8.6
Water Content	55%
Made From	Phemfilcon A



HONEY PRESCRIPTION

Price (\$)	18
Duration (day)	30
Quantity	2 per pack(pair)
Prescription	yes
Type	prescription
Diameter	14.2
Base Curve	8.6
Water Content	33%
Made From	Lotrafilcon B

#### CUSTOMER'S COMMENTS

Your name:

★★★★★

Your comment:

Submit

Superman  
I love it

Batman  
I like it

#### 4.4 Services Page:



The page displays three service cards:

- Virtual Shopping Consultation**: Features a pink circle icon with a magnifying glass over a pair of glasses. Text: "Meet our personal shopper who will guide you through the newest trends and will help you find the frame that best fits your style." [Read More](#)
- Options' Shopping**: Features a green circle icon with a shopping cart. Text: "Choose Your Ways To Shopping" [Read More](#)
- Our Perfect Pair Promise**: Features a blue circle icon with a balance scale. Text: "Where We Keeping Our Promises With Customers." [Read More](#)

#### OUR CLIENTS



COMMENTS

#### What People Says About Us

The page shows reviews from famous people:

- Justin Bieber** (★★★★★)  
"I really enjoyed styling these glasses. The design is very sleek and gives me good clarity. It's super light and the anti-reflective coating is total bliss to my eyes."
- Donald.J.Trump** (★★★★★)  
"Love Eyeonic glasses! Stylish and sturdy."
- Garima Chaurasia** (★★★★★)  
"I am impressed with the massive collection at Eyeonic eyewear. Finding the right pair for my face shape was super fun and easy"
- Aishwarya Rai** (★★★★★)  
"Absolutely love the variety on Eyeonic website, great eyewear"
- Cristiano Ronaldo** (★★★★★)  
"Eyeonic makes some of the most stylish eyewear. Their quality considering their prices is unmatched in Viet Nam, truly my go-to brand for eyewear"
- Lionel Messi** (★★★★★)  
"Absolutely brilliant. No one more words can describe about this awesome brand any more."

## Register For New Letters(✉)

Please fill in this form.

Email abc@mail.com

Register

Already have an account? [Sign In.](#)

### Customer Benefit Packages(📦)

Choose The Package That You Like.

Basic	Pro	Premium
\$ 9.99 / year	\$ 24.99 / year	\$ 49.99 / year
10 Coupons	15 Coupons	25 Coupons
0 Free Frames	1 Free Frame	2 Free Frames
2 Free Cleaning	3 Free Cleaning	5 Free Cleaning
1 Freeshipping	2 Freeshipping	5 Freeshipping

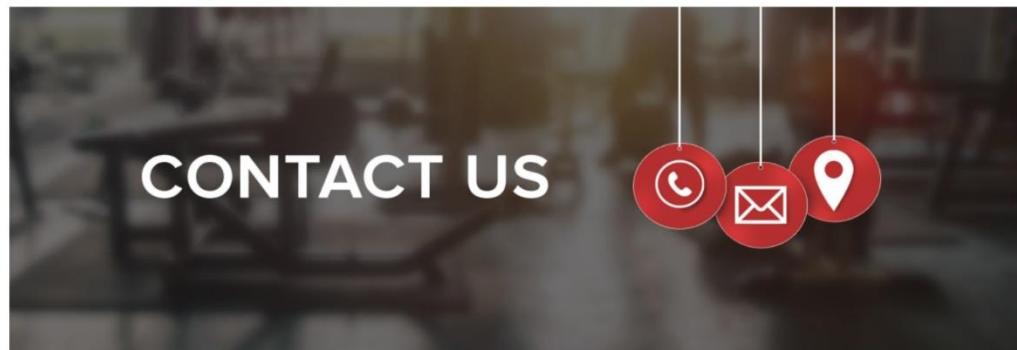
[Sign Up](#)

[Sign Up](#)

[Sign Up](#)



#### 4.5 Contact us / About Us Page:



##### CONTACT INFORMATION

Call Us:

**1.800.556.926**

Email:

[Eyeonic@gmail.com](mailto:Eyeonic@gmail.com) or [EyeonicServices@services.us.com](mailto:EyeonicServices@services.us.com)

##### 📍 Our First Store:

6885 Siegen Ln, Baton Rouge, LA 70809, United States



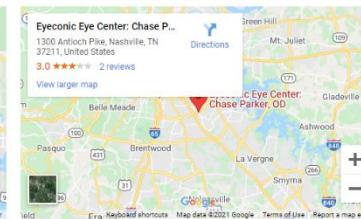
##### 📍 Our Second Store:

12261 US 49 Suite 2, Gulfport, MS 39503, United States



##### 📍 Our Third Store:

1300 Antioch Pike, Nashville, TN 37211, United States



## Send Us a Message

Full Name
Email
Your Phone Number
Subject
Message
Submit



# ABOUT US



## Our Story

Eyeconic Store is an American owned (Address: 36929 SCHOOLCRAFT RD LIVONIA, MI 48150, US) and operated online retailer of eyeglasses. Since the website launch in 2004, we have delivered over a million pairs of eyeglasses while maintaining our standard of providing the highest quality at affordable prices. We are a group of eye doctors that understands your struggle with the high cost of eyeglasses.

We strive to make your experience with EyeconicStore.com one that is not only user-friendly but also professional and reliable. Being able to deliver superior eyeglasses at an unbeatably-low price has allowed us to help people all over the world see clearly and, in turn, has provided our team with a more rewarding experience than we could have ever anticipated. We guarantee your satisfaction.

At EyeconicStore.com, our client-oriented philosophy makes your visual needs our first priority. We have created a culture of integrity and honesty, so you can shop with confidence.

- Our company strives to ensure all clients will have the best possible customer experience.
- Our frame sourcing and quality control protocols give you the best online selection of unbeatable-priced eyeglasses anywhere.
- Our Quality Assurance optical technicians will inspect your eyeglasses extensively before they are delivered.
- Our prescription eyeglasses frames and sunglasses come with a 90-day quality guarantee.
- Our international logistic centers allow us to provide the most stylish top quality eyeglasses at unbeatable prices to customers around the world. From our integrated, centralized international distribution center, we are able to ship orders worldwide and service customers across the globe. We have delivered our quality eyewear to customers in more than 45 countries!



## Our Vision

## 4.6 Footer

The following snapshot illustrates the creation of Eyeonic.com footer session:

**Get in Touch**

MON-FRI 9AM - 5PM  
📍 123 Eyeonic Store, L A, Vietnam  
✉ : eyeonicstore@gmail.com  
📞 : 1.800.556.926

**Follow Us**

[Twitter](#) [Facebook](#) [LinkedIn](#) [Instagram](#) [YouTube](#)

**Company Info**

➤ About Us  
➤ Our Stores

**Services**

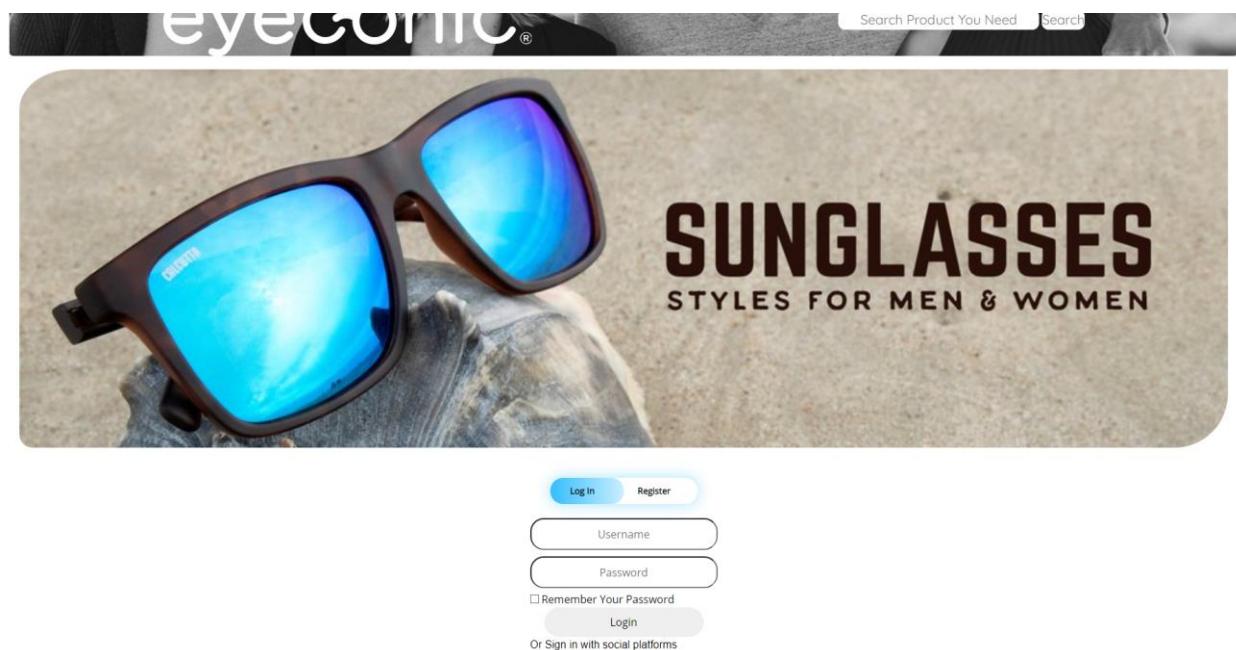
➤ Virtual Shopping  
➤ Options'Shopping  
➤ Promises

We Accept:

Secured By:

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#### 4.7 Login / Register page



## 5. SOURCE CODE WITH COMMENT

The project is built based upon the Bootstrap 4 frame work. However, our developer team also heavily modify this website using custom plug-ins and our own HTML/CSS/JS codes. Below is the illustration of important source codes and libraries that we are using for our project.

```
<!DOCTYPE html>
<html Lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Eyeonic</title>
    <meta content="width=device-width, initial-scale=1.0" name="viewport">
        <meta content="eCommerce HTML Template Free Download" name="keywords">
        <meta content="eCommerce HTML Template Free Download" name="description">
    <!-- Favicon -->
    <link href="img/favicon.ico" rel="icon">
    <!-- Google Fonts -->
    <link href="https://fonts.googleapis.com/css?family=Open+Sans:300,400|Source+Code+Pro:700,900&display=swap" rel="stylesheet">
    <!-- CSS Libraries -->
    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" rel="stylesheet">
    <!-- Template Stylesheet -->
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css" rel="stylesheet">
    <!-- <link rel="stylesheet" href="bootstrap/css/bootstrap.min.css" -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/@fortawesome/fontawesome-free@5.15.3/css/fontawesome.min.css">
    <link rel="stylesheet" href="css/style.css">
    <link rel="stylesheet" href="css/style_product.css">
</head>
<!-- JavaScript Libraries -->
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.bundle.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<script src="js/products.js"></script>
<script src="js/glass_product.js"></script>
<script src="js/searchProduct.js"></script>
<script src="js/index.js"></script>
</body>
</html>
```

We will go through each module in greater details following our Developer guide

## 6. USER MANUAL

### 6.1 System Requirements:

No.	Items	Description
1	Operating System	Android, iOS, window 7 or higher.
2	Supporting Browsers	Chrome, Firefox, Microsoft Edge, IE10+, Opera

### 6.2 Step by Step Instructions:

#### 6.2.1 Staring Home Page:

Users will have access to the website by typing to domain name Eyeonic.com, user will have access to a top navigation bar and a side menu.

The screenshot shows the homepage of Eyeonic.com. At the top, there is a navigation bar with links for HOME, CONTACT LENSES, SERVICES, CONTACT US, and SIGN IN | SIGN UP. Below the navigation bar is a large black and white photograph of four people wearing sunglasses. Overlaid on the bottom left of the photo is the word "eyeconic" in a stylized font. To the right of the photo is a search bar with the placeholder "Search Product You Need" and a "Search" button. On the far left, there is a vertical sidebar with a dropdown menu open, showing options like Gucci, Calvin Klein (which is highlighted in yellow), Lacoste, and Nike. A red arrow points from the text "Side panel will have a functional search bar and several dropdown links with navigation bar" to this sidebar area.

Side panel will have a functional search bar and several dropdown links with navigation bar

## 6.2.2 Using Search bars & Dropdown menu

The screenshot shows the eyeconic website homepage. At the top, there is a navigation bar with links for HOME, SUNGLASSES, CONTACT LENSES, SERVICES, CONTACT US, and SIGN IN | SIGN UP. Below the navigation is a large banner featuring four models wearing sunglasses. The eyeconic logo is prominently displayed in the center of the banner. Below the banner, there is a search bar with the letter 'a' typed into it, followed by a 'Search' button. A red arrow points from the text 'Searching bar has functional when user typing character as brand name, product's name, color then display will show the matching of list products on user needs.' to the search bar. Below the search bar, there are three product cards. The first card on the left shows a pair of sunglasses with the model name 'Moira', price '\$29.5', and color 'Black'. The second card in the middle shows a pair of sunglasses with the model name 'Moira', price '\$29.5', and color 'Black'. The third card on the right shows a pair of sunglasses with the model name 'Pascagoula', price '\$30.99', and color 'Black Tiger'.

Searching bar has functional when user typing character as brand name, product's name, color then display will show the matching of list products on user needs.

Menu dropdown link to direction of the sunglasses brand, contact lenses, services, contact us page. When user click on menu, user will reach to the side links then display show individual functional of each page with different background image changes.



The screenshot shows the eyeconic website's header with a navigation bar including 'HOME', 'CONTACT LENSES', 'SERVICES', 'CONTACT US', 'SIGN IN | SIGN UP', and a shopping cart icon. A red arrow points from the text above to the 'GUCCI' option in a dropdown menu. The dropdown also lists 'Calvin klein', 'Lacoste', and 'Nike'. Below the header is a black and white photograph of a man and a woman wearing sunglasses. A blue arrow points down from the main content area to a smaller image of two women eating ice cream, which is part of a Gucci advertisement. To the right of this image is the word 'GUCCI' in a large, bold, serif font. At the bottom, there is a section titled 'ALL PRODUCT' featuring six pairs of sunglasses with their names and prices: Moira (\$29.95), Huntsville (\$29.95), Pascagoula (\$30.99), Tabitha (\$15.99), Uvalde (\$9.99), and Wharton (\$10.99). A sorting dropdown menu is visible above the product grid.

### 6.2.3 Browsing Products Gallery on Sunglasses/ Contact lenses page:

After click at menu dropdown of Sunglasses or Contact lenses, User will reach to the branding-name page with showing list product of brand-name. In branding-name page, user can search product that needs then display show below on searching bar.

The screenshot shows the eyeconic.com website. At the top, there's a navigation bar with links for HOME, CONTACT LENSES, SERVICES, CONTACT US, and SIGN IN | SIGN UP. A shopping cart icon shows 0 items. A dropdown menu is open under 'CONTACT LENSES' with options: GUCCI, Calvin klein, Lacoste, and Nike. Below the navigation is a large banner featuring four models wearing sunglasses. The word 'eyeconic' is prominently displayed in the center of the banner. To the right of the banner is a search bar with the placeholder 'Search Product You Need' and a 'Search' button. A red arrow points from the search bar to the word 'GUCCI' on the right. Below the banner is another image of two women eating ice cream while wearing sunglasses. The main content area has a teal header 'ALL PRODUCT'. It features a sorting dropdown menu with options: Higher to Lower, Sort..., Lower to Higher, and Higher to Lower. Below the menu are six pairs of sunglasses with their names and prices: Pascagoula (\$30.99), Huntsville (\$29.95), Moira (\$29.5), Tabitha (\$15.99), Wharton (\$10.99), and Uvalde (\$9.59). Three green callout boxes provide additional information: one about the sorting dropdown, one about the product cards, and one about the search bar.

Sorting functional list show organized product by sorting.

Click on image will links user to the detail of products

Searching bar is same functional search in homepage. Keep user search product what they need.

Product Name	Price
Pascagoula	\$30.99
Huntsville	\$29.95
Moira	\$29.5
Tabitha	\$15.99
Wharton	\$10.99
Uvalde	\$9.59

## All Branding You Love

LACOSTE 

Calvin Klein

GUCCI



 NIKEVISION

Similar Branding bar is below help user  
faster reach to other brand's product

## 6.2.4 Products Detail of Sunglasses/ Contact lenses page functional:

Both side Sunglasses and contact lenses have nearly the same functional.

The screenshot shows a product detail page for Lacoste Cynthia sunglasses. At the top, there's a navigation bar with links for HOME, SUNGLASSES, CONTACT LENSES, SERVICES, CONTACT US, SIGN IN | SIGN UP, and a search bar. Below the navigation is a black and white photograph of four people wearing sunglasses. The main product image is a pair of gold-colored oval sunglasses. To the left of the main image are three smaller thumbnail images of the same sunglasses from different angles. On the right, the product details are displayed: brand (LACOSTE), name (Cynthia), price (\$30), color (Gold), and promotion (Buy One Get One Free, 30% Off Entire Order). Below these details are three buttons: 'Add to cart' (blue), 'Try On' (yellow), and 'Zoom(+)'. A callout box with a green border and orange arrow points to the 'Add to cart' button with the text: 'Click on add to cart and product will jump to cart on header'. In the bottom right corner, there's a technical diagram of the sunglasses with various dimensions labeled: Frame Width 130 mm, Lens Width 47 mm, Bridge 21 mm, Diagonal 45 mm, and Temple Length 140 mm. A callout box with a green border and orange arrow points to this diagram with the text: 'Click here to download details of product'. Another callout box with a green border and orange arrow points to the text 'Click on the link to download product detail file document' located in the bottom left area of the page.

Details

SKU: FM1481      Gender: Women  
Frame: Full      Material: Metal  
Shape: Oval      Progressive: Yes  
Weight: 10.6g (0.37 oz)

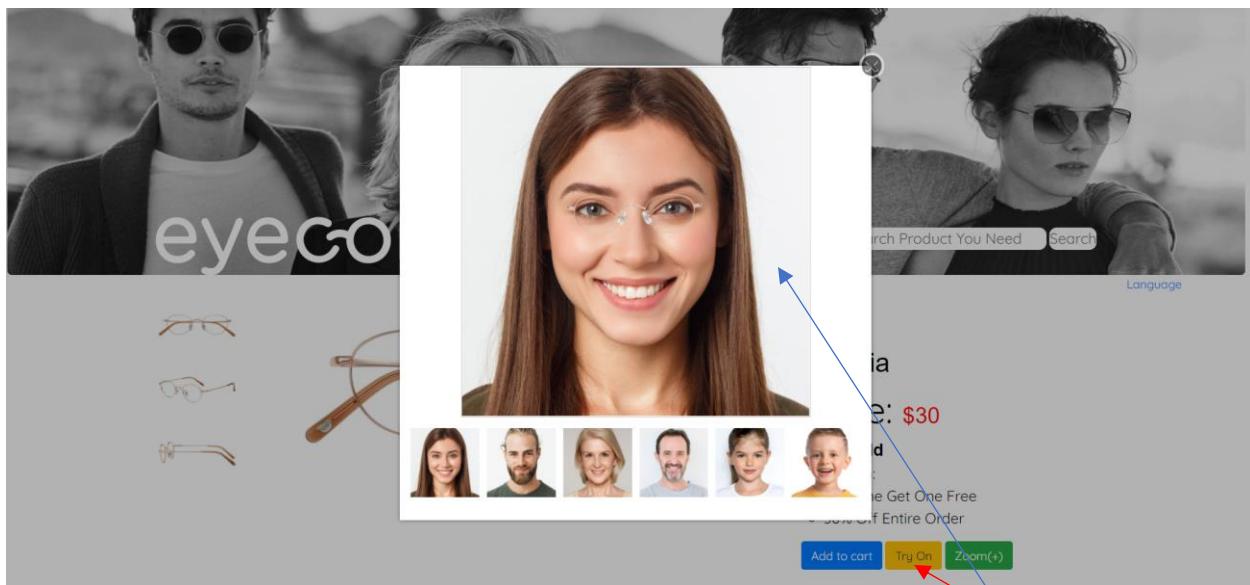
Description  
These finely oval metal frames with water-waved detail are instantly elevating, whatever your wardrobe mood. The curved bridge, adjustable nose pads, and acetate-tipped slimline arms offer a comfortable, adjustable fit.

Click here to download details of product

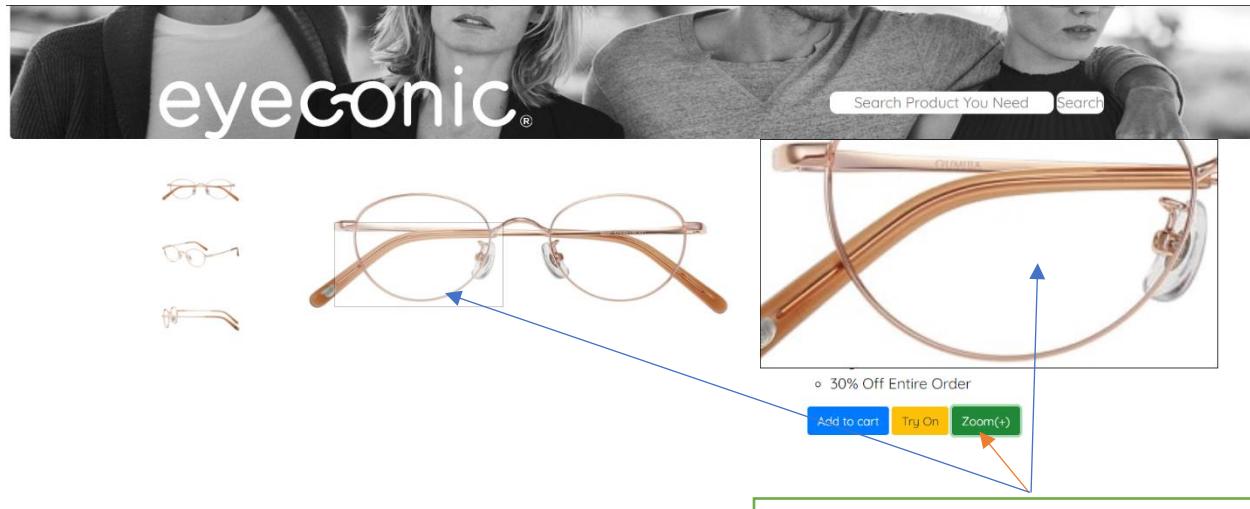
Click on the link to download product detail file document

LACOSTE  
Cynthia  
Price: \$30  
Color: Gold  
Promotion:  
o Buy One Get One Free  
o 30% Off Entire Order  
Add to cart Try On Zoom(+)

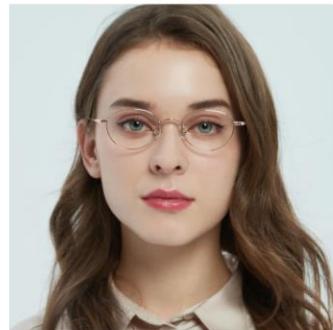
Frame Width 130 mm  
Lens Width 47 mm  
Bridge 21 mm  
Diagonal 45 mm  
Temple Length 140 mm



Click on Try On button help user can image the product how it fit on the face



Click on Zoom button and move the pointer in the image help user can see clearly the detail of product



## SIMILAR PRODUCT



Molra  
\$29.5

[Compare](#)



Pascagoula  
\$30.99

[Compare](#)



Uvalde  
\$9.59

[Compare](#)



Huntsville  
\$29.95

[Compare](#)



Tabitha  
\$15.99

[Compare](#)



Wharton  
\$10.99

[Compare](#)

Click Compare button to show the product on compare table with the current product

Move forward and backward button will help user keep browsing product on miscellaneous

## COMPARE PRODUCT



Name : Cynthia

Price: \$30

Color: Gold

SKU: FM1481

Frame: Full

Shape: Oval

Weight: 10.6g (0.37 oz)

Gender: Women

Material: Metal

Progressive: Yes

Frame Width: 130 mm

Lens Width: 47 mm

Lense Height: 36 mm

Bridge: 21 mm

Diagonal: 45 mm



Name : Huntsville

Price: \$29.95

Color: Black

SKU: SUP1077

Frame: Full

Shape: Classic Wayframe

Weight: 13.1g (0.46 oz)

Gender: Women | Men

Material: Metal

Progressive: Yes

Frame Width: 141 mm

Lens Width: 52 mm

Lense Height: 43 mm

Bridge: 20 mm

Diagonal: 53 mm

## 6.2.4 Contact Us / About Us page:

About Us page is showing the eyeonic stories and what the eyeonic purpose to the customer.

# ABOUT US



## Our Story

Eyeonic Store is an American owned(Address: 36929 SCHOOLCRAFT RD LIVONIA, MI 48150, US) and operated online retailer of eyeglasses. Since the website launch in 2004, we have delivered over a million pairs of eyeglasses while maintaining our standard of providing the highest quality at affordable prices. We are a group of eye doctors that understands your struggle with the high cost of eyeglasses.

We strive to make your experience with EyeonicStore.com one that is not only user-friendly but also professional and reliable. Being able to deliver superior eyeglasses at an unbeatably-low price has allowed us to help people all over the world see clearly and, in turn, has provided our team with a more rewarding experience than we could have ever anticipated. We guarantee your satisfaction.

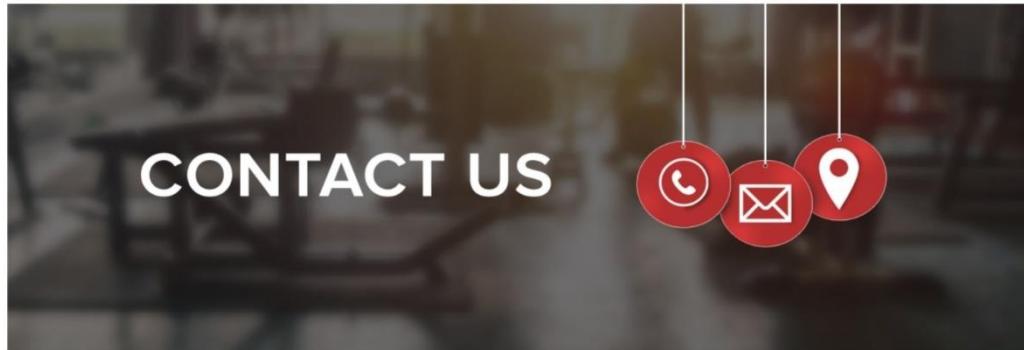
## Our Vision

At EyeonicStore.com, our client-oriented philosophy makes your visual needs our first priority. We have created a culture of integrity and honesty, so you can shop with confidence.

- Our company strives to ensure all clients will have the best possible customer experience.
- Our frame sourcing and quality control protocols give you the best online selection of unbeatable-priced eyeglasses anywhere.
- Our Quality Assurance optical technicians will inspect your eyeglasses extensively before they are delivered.
- Our prescription eyeglasses frames and sunglasses come with a 90-day quality guarantee.
- Our international logistic centers allow us to provide the most stylish top quality eyeglasses at unbeatable prices to customers around the world. From our integrated, centralized international distribution center, we are able to ship orders worldwide and service customers across the globe. We have delivered our quality eyewear to customers in more than 45 countries!



Contact us page, user can see all information contact about the eyeonic store. On this side, display will show the geographic google map about the store nearby the customer and there is the input form that user can sent the message to the store via email and contact phone number.



#### CONTACT INFORMATION

Call Us:

1.800.556.926

Email:

[Eyeonic@gmail.com](mailto:Eyeonic@gmail.com) or [EyeonicServices@services.us.com](mailto:EyeonicServices@services.us.com)

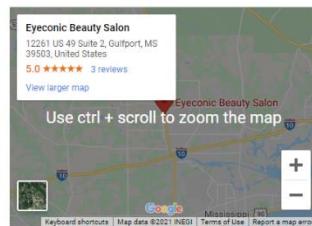
##### 📍 Our First Store:

6885 Siegen Ln, Baton Rouge, LA 70809, United States



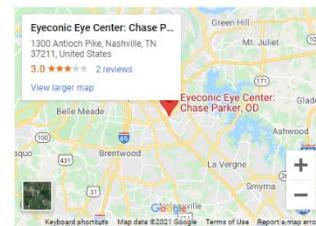
##### 📍 Our Second Store:

12261 US 49 Suite 2, Gulfport, MS 39503, United States



##### 📍 Our Third Store:

1300 Antioch Pike, Nashville, TN 37211, United States



#### Send Us a Message

Full Name
Email
Your Phone Number
Subject
Message
Submit

## 6.2.5 Footer

More information about our website-map and company will be displayed in the footer session

**Get in Touch**

MON-FRI 9AM - 5PM  
📍 123 Eyeonic Store, L.A, Vietnam  
✉ eyeonicstore@gmail.com  
📞 1 800 556 926

**Follow Us**

**Company Info**

➤ About Us  
➤ Our Stores

**Services**

➤ Virtual Shopping  
➤ Options/Shopping  
➤ Promises

---

We Accept:

Secured By:

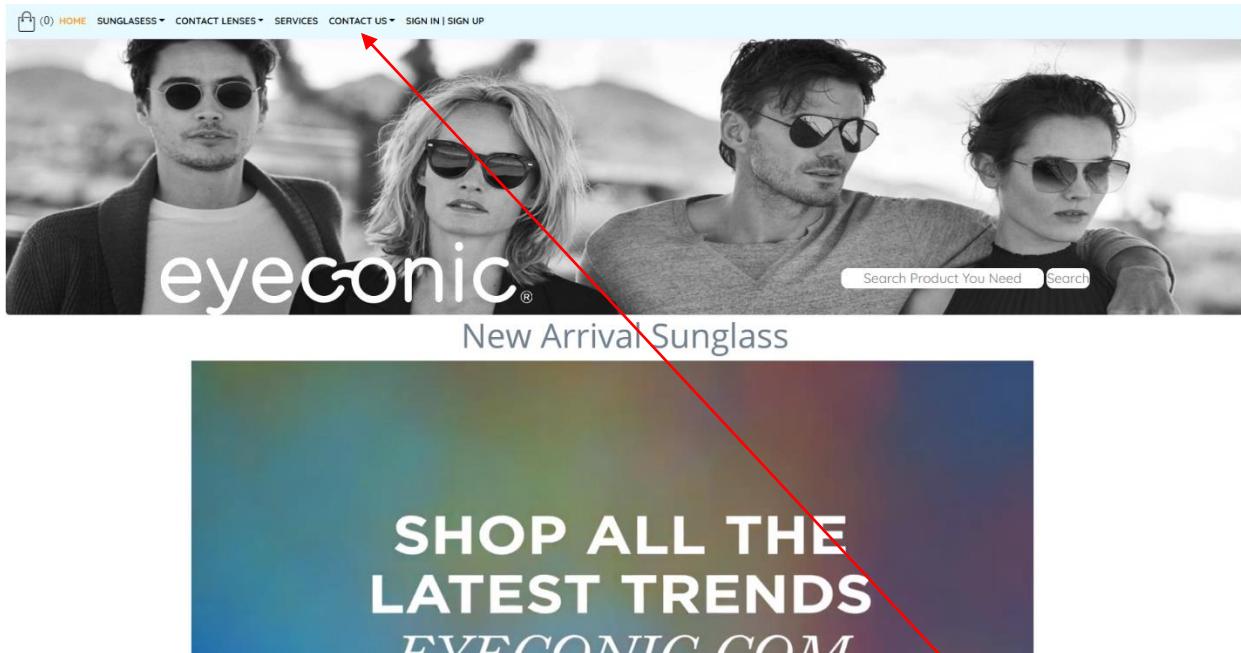
Copyright © By Group 2 Class T1-M0-2103. All Rights Reserved

## 7 DEVELOPER'S GUIDES

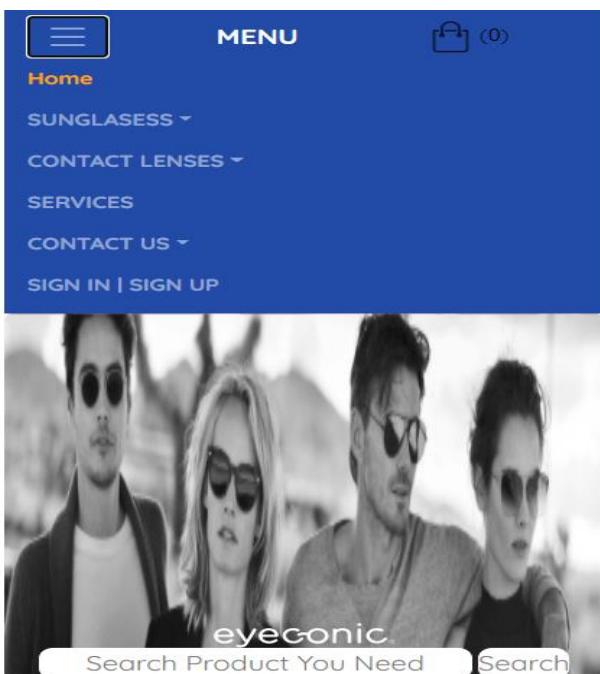
### 7.1 Home page

#### 7.1.1 Bootstrap layout

Eyeonic is built using Bootstrap 4 Framework, The Home Page template is with navigation bar on top, responsive web-side, main content will be in the middle and footer section at the bottom of the page. All the side have functional responsive for user using on multiple-device.



When zoom in the side below, the navigation bar will zoom in and hidden dropdown menu when display resolution below 768px



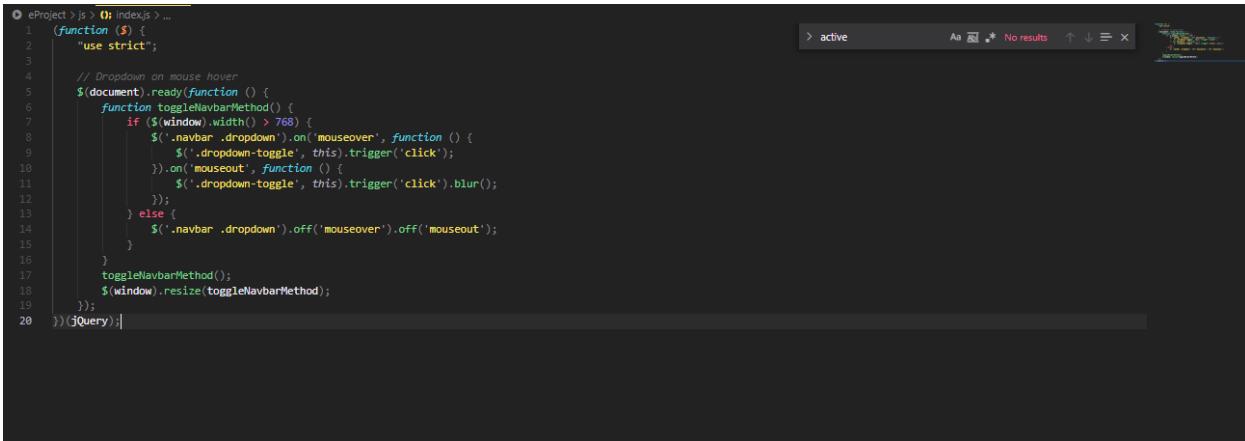
## CSS (style.css file) codes:

```
    @media (min-width: 768px) {  
      .nav {  
        margin: auto;  
      }  
      .nav .navbar {  
        background: #e6faaf !important;  
        font-weight: bold;  
      }  
      .nav .navbar-brand {  
        display: none;  
      }  
      .nav .navbar-dark a.nav-link {  
        color: black;  
        font-size: 14px;  
        text-transform: uppercase;  
      }  
      .nav .navbar-dark a.nav-link:hover,  
      .nav .navbar-dark a.nav-link.active {  
        color: orange;  
      }  
      .dropdown-menu a:hover {  
        background-color: orange;  
        color: black;  
        font-weight: bold;  
      }  
    }  
    @media (max-width: 768px) {  
      .nav,  
      .nav .navbar {  
        background: #4671cc !important;  
        font-weight: bold;  
      }  
      .navbar-collapse {  
        color: black;  
      }  
      .dropdown-menu {  
        box-shadow: none;  
        color: black;  
      }  
      .btn-cart {  
        border: none;  
        background-color: inherit;  
      }  
      .nav .navbar-dark a.nav-link:hover,  
      .nav .navbar-dark a.nav-link.active {  
        color: orange;  
      }  
      .dropdown-menu a:hover {  
        background-color: inherit;  
      }  
    }  
  
```

**HTML codes:**

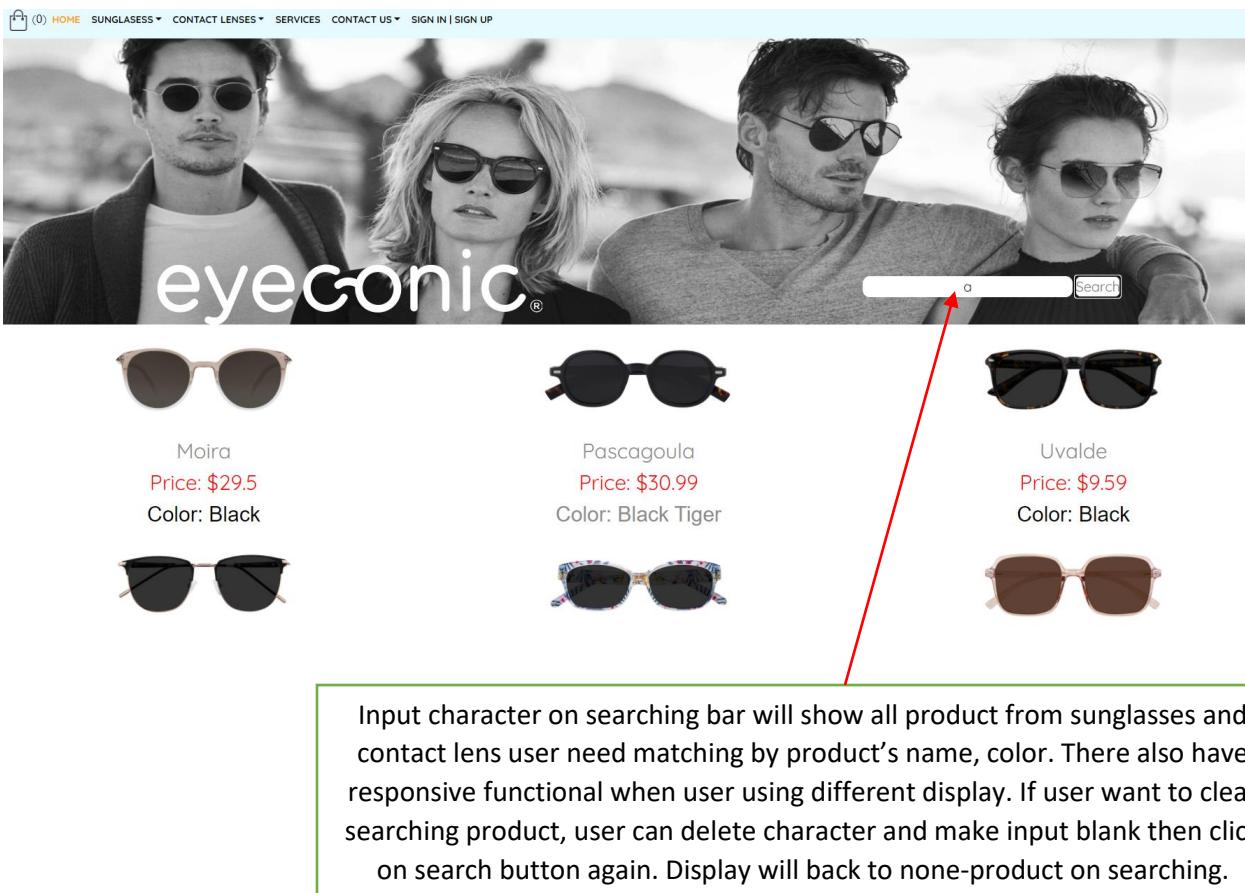
```
    <!-- Nav Bar Start -->
    <div>
        <div class="container">
            <div class="nav">
                <nav class="navbar navbar-expand-md bg-dark navbar-dark">
                    <button type="button" class="navbar-toggler" data-toggle="collapse" data-target="#navbarCollapse"><span class="navbar-toggler-icon"></span></button>
                    <a href="#" class="nav-bar-brand" data-bbox="100 117 130 130">MEMU</a>
                    <button type="button" class="btn cart" data-toggle="modal" data-target="#cart"> (span class="total-cou
                <div class="collapse navabar-collapse justify-content-between" id="navbarCollapse">
                    <div class="nav-bar-nav">
                        <a href="index.html" class="nav-item nav-link active">Home</a>
                        <div class="nav-item dropdown">
                            <a href="#" class="nav-link dropdown-toggle" data-toggle="dropdown">SUNGLASESS</a>
                            <div class="dropdown-menu">
                                <a href="glass_brand.html?key=1" class="dropdown-item">Gucci</a>
                                <a href="glass_brand.html?key=2" class="dropdown-item">Calvin klein</a>
                                <a href="glass_brand.html?key=3" class="dropdown-item">Lacoste</a>
                                <a href="glass_brand.html?key=4" class="dropdown-item">Nike</a>
                            </div>
                        </div>
                        <div class="nav-item dropdown">
                            <a href="#" class="nav-link dropdown-toggle" data-toggle="dropdown">CONTACT LENSES</a>
                            <div class="dropdown-menu">
                                <a href="brand.html?key=1-a" class="dropdown-item">AirOptix</a>
                                <a href="brand.html?key=1-c" class="dropdown-item">ChromaView</a>
                                <a href="brand.html?key=1-e" class="dropdown-item">EyesFusion</a>
                                <a href="brand.html?key=1-f" class="dropdown-item">FreshLook</a>
                            </div>
                        </div>
                        <a href="ServicePage.html" class="nav-item nav-link">SERVICES</a>
                        <div class="nav-item dropdown">
                            <a href="#" class="nav-link dropdown-toggle" data-toggle="dropdown">CONTACT US</a>
                            <div class="dropdown-menu">
                                <a href="AboutUs.html" class="dropdown-item">About Us</a>
                                <a href="ContactPage.html" class="dropdown-item">Our Stores</a>
                            </div>
                        </div>
                        <a href="login.html" class="nav-item nav-link">SIGN IN | SIGN UP</a>
                    </div>
                </div>
            </div>
        </div>
    </div>
    <!-- Nav Bar End -->
```

## Java-script (index.js file) codes:



```
eProject > js > 0; index.js > ...
1  (function ($) {
2      "use strict";
3
4      // Dropdown on mouse hover
5      $(document).ready(function () {
6          function toggleNavbarMethod() {
7              if ($(window).width() > 768) {
8                  $('.navbar .dropdown').on('mouseover', function () {
9                      $('.dropdown-toggle', this).trigger('click');
10                 }).on('mouseout', function () {
11                     $('.dropdown-toggle', this).trigger('click').blur();
12                 });
13             } else {
14                 $('.navbar .dropdown').off('mouseover').off('mouseout');
15             }
16         }
17         toggleNavbarMethod();
18         $(window).resize(toggleNavbarMethod);
19     });
20 })(jQuery);
```

### 7.1.2 Searching Bar



The screenshot shows the eyeconic website homepage. At the top, there is a navigation bar with links for HOME, SUNGLASSES, CONTACT LENSES, SERVICES, CONTACT US, SIGN IN, and SIGN UP. Below the navigation is a large black and white photograph of four people wearing sunglasses. The eyeconic logo is displayed prominently in the center of the photo. A search bar is located below the logo, containing the letter 'a' and a 'Search' button. A red arrow points from the explanatory text box to the search bar.

Product Name	Price	Color
Moira	\$29.5	Black
Pascagoula	\$30.99	Black Tiger
Uvalde	\$9.59	Black

**Input character on searching bar will show all product from sunglasses and contact lens user need matching by product's name, color. There also have responsive functional when user using different display. If user want to clear searching product, user can delete character and make input blank then click on search button again. Display will back to none-product on searching.**

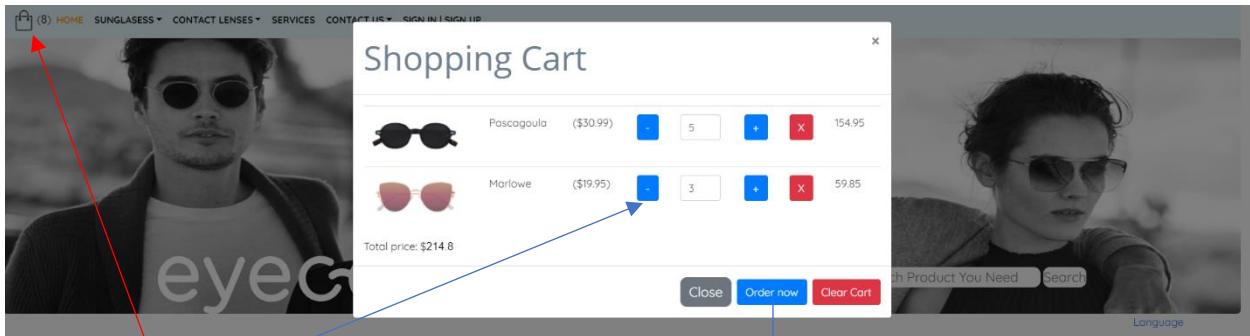
## HTML code:

```
1  <!--Searching Bar Start-->
2  <div class="container">
3      <div class="searching row" style="background-image: url('image/panel/lol.jpg'); width: 100%;height:100%;background-size: 100% 100%;">
4          
5          <div class="searching-box">
6              <input autocomplete="text" id="search" class="search-input" placeholder="Search Product You Need">
7              <button class="search-btn" onclick="searchP()" title="">Search</button>
8          </div>
9      </div>
10     <div id="searchProduct"></div>
11  </div>
12  <!--Searching Bar end-->
```

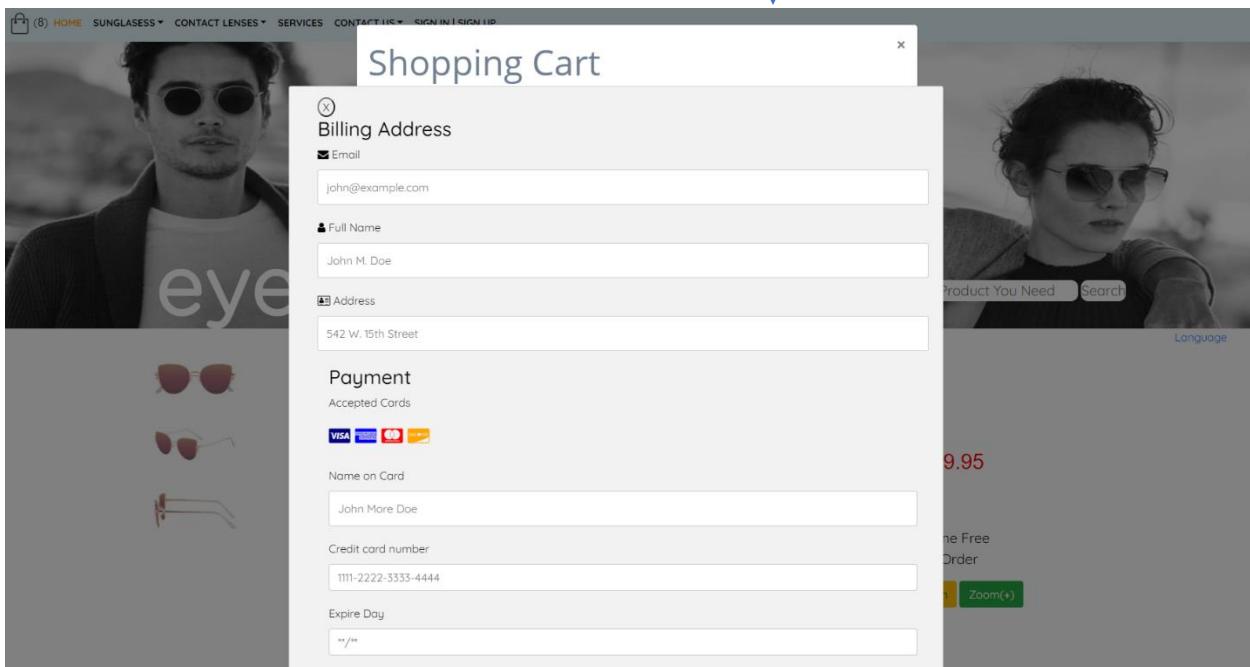
## Java-script (searchProduct.js) codes:

```
1473 function searchP() {
1474     var usearch = $("#search").val(); // get value
1475     var list_productGlass = '';
1476     var list_productLenses = '';
1477     var list_product='';
1478     var patt = /A-Za-z/;
1479     if(patt.test(usearch)){
1480         for(var v in glass_product){
1481             if(glass_product[v].name.toLowerCase().search(usearch.toLowerCase()) != -1 || glass_product[v].color.toLowerCase().search(usearch.toLowerCase()) != -1){
1482                 list_productGlass += '<div class="col-xs-12 col-md-4 product">'+
1483                     ' <a href="glass_product.html?key=' + glass_product[v].id + '>' +
1484                     ' <div class="name_product">' + glass_product[v].name + '</div>' +
1485                     ' <div class="price_product">' + Price: $ + glass_product[v].price + '</div>' +
1486                     ' <div class="name_product"><span style="font-size: 30px;color:' + glass_product[v].color + '">' + Color: ' + glass_product[v].color + '</span></div>' +
1487                     ' </div>';
1488             }
1489         }
1490         list_product+=list_productGlass;
1491         for(var v in product_json){
1492             if(product_json[v].name.toLowerCase().search(usearch.toLowerCase()) != -1 || product_json[v].color.toLowerCase().search(usearch.toLowerCase()) != -1){
1493                 list_productLenses += '<div class="col-xs-12 col-md-4 product">'+
1494                     ' <a href="product_detail_page.html?key=' + product_json[v].id + '>' +
1495                     ' <div class="name_product">' + product_json[v].name + '</div>' +
1496                     ' <div class="price_product">' + Price: $ + product_json[v].price + '</div>' +
1497                     ' <div class="name_product"><span style="font-size: 30px;color:' + product_json[v].color + '">' + Color: ' + product_json[v].color + '</span></div>' +
1498                     ' </div>';
1499             }
1500         }
1501         list_product+=list_productLenses;
1502         if(list_product == ""){
1503             alert('Can\'t Find Product You Need');
1504             return 0;
1505         }
1506     }
1507     else{
1508         alert('Can\'t Find Product You Need');
1509         return 1;
1510     }
1511     $("#searchProduct").html(list_product);
1512 }
1513
1514 var clearSearch = function(){
1515     ...
1516 }
```

### 7.1.3 Cart Bar



When user buying items in product detail, cart bar will show all product in list cart. User can increase decrease items or delete items. Then making payment via click on "Order Now". Display will show payment form on another pop-up in html



## HTML codes:

```
<!-- Form -->
</div>
<div class="modal fade" id="cart" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true">
  <div class="modal-dialog modal-lg" role="document">
    <div class="modal-content">
      <div class="modal-header">
        <h1 class="modal-title" id="exampleModalLabel">Shopping Cart</h1>
        <button type="button" class="close" data-dismiss="modal" aria-label="Close">
          <span aria-hidden="true">&times;</span>
        </button>
      </div>
      <div class="modal-body">
        <table class="show-cart table">
          <tr>
            <td>Product Name</td>
            <td>Quantity</td>
            <td>Unit Price</td>
            <td>Subtotal</td>
          </tr>
          <tr>
            <td>Laptop</td>
            <td>1</td>
            <td>$1000</td>
            <td>$1000</td>
          </tr>
          <tr>
            <td>Monitor</td>
            <td>1</td>
            <td>$500</td>
            <td>$500</td>
          </tr>
          <tr>
            <td>Keyboard</td>
            <td>1</td>
            <td>$100</td>
            <td>$100</td>
          </tr>
          <tr>
            <td>Mouse</td>
            <td>1</td>
            <td>$50</td>
            <td>$50</td>
          </tr>
          <tr>
            <td>Total price:</td>
            <td>1</td>
            <td>1</td>
            <td>$1600</td>
          </tr>
        </table>
      </div>
      <div class="modal-footer" onsubmit="return false">
        <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>
        <button type="button" onclick="openForm()" class="btn btn-primary">Order now</button>
        <button class="clear-cart btn btn-danger">Clear Cart</button>
      </div>
    </div>
  </div>
</div>

<!-- Form -->
<div class="container-order" id="form" style="margin-left: 10%;>
<form class = "order-form" action="index.html" id="paymentform" onsubmit="return validatedPaymentForm()">
  <div class="row">
    <div class="col-50">
      <button class="closeform" onclick="closeForm()" style="width:25px;cursor: pointer;">X</button>
      <h3>Billing Address</h3>
      <label for="email"><i class="fa fa-envelope"></i> Email:</label>
      <input type="text" id="email" name="email" placeholder="john@example.com" pattern="^a-z0-9-.+@[a-z0-9.-]+\.[a-z]{2,4}$" required>
      <label for="name"><i class="fa fa-user"></i> Full Name:</label>
      <input type="text" id="fname" name="firstname" placeholder="John M. Doe" required>
      <label for="adr"><i class="fa fa-address-card-o"></i> Address:</label>
      <input type="text" id="adr" name="address" placeholder="542 W. 15th Street" required>
    </div>
    <div class="col-50">
      <h3>Payment</h3>
      <label for="name">Accepted Cards</label>
      <div class="icon-container">
        <i class="fa fa-cc-visa" style="color: #navy;"></i>
        <i class="fa fa-cc-amex" style="color: #blue;"></i>
        <i class="fa fa-cc-mastercard" style="color: #red;"></i>
        <i class="fa fa-cc-discover" style="color: #orange;"></i>
      </div>
      <label for="name">Name on Card:</label>
      <input type="text" id="cname" name="cardname" placeholder="John More Doe" required>
      <label for="cnum">Credit card number:</label>
      <input autocomplete="off" type="text" id="cnum" name="cardnumber" class="input-lg form-control cnum" placeholder="1111-2222-3333-4444" pattern="^([1-9](\{12,8\})$)">
      <div id="cardnumber_error"><span style="color: #red;">Card Number should have 12 numbers</span></div>
      <label for="expmonth">Expire Day:</label>
      <input autocomplete="off" type="text" id="expmonth" name="expmonth" class="input-lg form-control expmonth" autocomplete="expmonth" placeholder="**/**" pattern="^[\d]{2}"/>
      <div id="exp_error"><span style="color: #red;">Date expire should be month/year</span></div>
      <label for="cvv">CVV:</label>
      <input autocomplete="off" type="text" id="cvv" name="cvv" class="input-lg form-control cvv" autocomplete="cvv" placeholder="3 digit number" pattern="^([1-9]\{3,0\})$">
      <div id="cvv_error"><span style="color: #red;">CVV is 3 digit number behind the card</span></div>
    </div>
  </div>
</form>

```

## Form showing list product on Cart

Payment Form is hidden before clicking “Order Now”

## Java-script codes:

Create the Cart items data by using JSON.

```

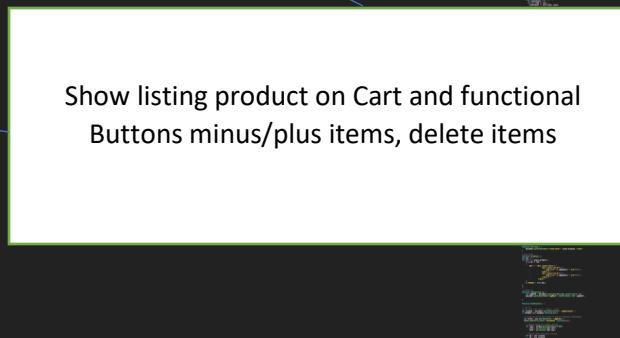
1259 // Set count from item
1260 obj.setCountForItem = function(name, count) {
1261   for(var i in cart) {
1262     if(cart[i].name === name) {
1263       cart[i].count = count;
1264       break;
1265     }
1266   }
1267 };
1268 // Remove item from cart
1269 obj.removeItemFromCart = function(name) {
1270   for(var item in cart) {
1271     if(cart[item].name === name) {
1272       cart[item].count--;
1273       if(cart[item].count === 0) {
1274         cart.splice(item, 1);
1275       }
1276     }
1277   }
1278   saveCart();
1279 };
1280 // Remove all items from cart
1281 obj.removeItemsFromCartAll = function(name) {
1282   for(var item in cart) {
1283     if(cart[item].name === name) {
1284       cart.splice(item, 1);
1285     }
1286   }
1287   saveCart();
1288 };
1289 // Clear cart
1290 obj.clearCart = function() {
1291   cart = [];
1292   saveCart();
1293 };
1294 // Count cart
1295 obj.totalCount = function() {
1296   var totalCount = 0;
1297   for(var item in cart) {
1298     totalCount += cart[item].count;
1299   }
1300   return totalCount;
1301 };
1302 // Total cart
1303 obj.totalCart = function() {
1304   var totalCart = 0;
1305   for(var item in cart) {
1306     totalCart += cart[item].price * cart[item].count;
1307   }
1308   return Number(totalCart.toFixed(2));
1309 };
1310 // List cart
1311 obj.listCart = function() {
1312   var cartCopy = [];
1313   for(i in cart) {
1314     item = cart[i];
1315     itemCopy = {};
1316     for(p in item) {
1317       itemCopy[p] = item[p];
1318     }
1319   }
1320   itemCopy.total = Number(item.price * item.count).toFixed(2);
1321   cartCopy.push(itemCopy);
1322 }
1323 return cartCopy;
1324 }
1325 // cart : Array
1326 // Item : Object/Class
1327 // addCartItem : Function
1328 // removeItemFromCart : Function
1329 // removeItemFromCartAll : Function
1330 // clearCart : Function
1331 // countCart : Function
1332 // totalCart : Function
1333 // listCart : Function
1334 // saveCart : Function
1335 // loadCart : Function
1336 // return obj;
1337 })(());
1338 // ****
1339 // Triggers / Events
1340 // ****
1341 // Add item
1342 $('add-to-cart').click(function(event) {
1343   event.preventDefault();
1344   var name = $(this).data('name');
1345   var price = Number($(this).data('price'));
1346   var img = $(this).data('img');
1347   shoppingCart.addItemToCart(name, price, 1, img);
1348   displayCart();
1349 });
1350 // Clean items
1351 $('clear-cart').click(function() {
1352   shoppingCart.clearCart();
1353   displayCart();
1354 });
1355 // Display cart
1356 function displayCart() {
1357   var cartArray = shoppingCart.listCart();
1358   var output = '';
1359   for(var i in cartArray) {
1360     output += "<tr>" +
1361       "<td>" + cartArray[i].name + "</td>" +
1362       "<td>" + cartArray[i].price + "</td>" +
1363       "<td>" + cartArray[i].count + "</td>" +
1364       "<td>" + cartArray[i].img + "</td>" +
1365       "<td><a href='cart/edit-item?item=" + cartArray[i].id + "'>Edit</a></td>" +
1366       "<td><a href='cart/delete-item?item=" + cartArray[i].id + "'>Delete</a></td>" +
1367     "</tr>";
1368   }
1369   $('#cart-table').html(output);
1370 }

```

Delete, add more items, save items is all in here

```

1362 	function displayCart() {
1363 		var cartArray = shoppingCart.listCart();
1364 		var output = "";
1365 		for(var i in cartArray) {
1366 			output += "<tr>" +
1367 				"<td>" + <img src=' + cartArray[i].img + " alt=' class='cart-img'>" + "</td>" +
1368 				"<td>" + cartArray[i].name + "</td>" +
1369 				"<td>(" + cartArray[i].price + ")</td>" +
1370 				"<td><button class='minus-item input-group-addon btn btn-primary' data-name=' + cartArray[i].name + "' value=' - '></button></td>" +
1371 				"<td><input type='number' class='item-count form-control' data-name=' + cartArray[i].name + '" value=' " + cartArray[i].count + "'></td>" +
1372 				"<td><button class='plus-item btn btn-primary input-group-addon' data-name=' + cartArray[i].name + ''></button></td>" +
1373 				"<td><button class='delete-item btn btn-danger' data-name=' + cartArray[i].name + ''>x</button></td>" +
1374 				"+ "</td>" +
1375 				"+ <td>" + cartArray[i].total + "</td>" +
1376 			"</tr>";
1377 		}
1378 		$('.show-cart').html(output);
1379 		$('.total-cart').html(shoppingCart.totalCart());
1380 		$('.total-count').html(shoppingCart.totalCount());
1381 	}
1382 	// Delete item button
1383 	$('.show-cart').on("click", ".delete-item", function(event) {
1384 		var name = $(this).data('name');
1385 		shoppingCart.removeItemFromCartAll(name);
1386 		displayCart();
1387 	})
1388 	// -1
1389 	$('.show-cart').on("click", ".minus-item", function(event) {
1390 		var name = $(this).data('name');
1391 		shoppingCart.removeItemFromCart(name);
1392 		displayCart();
1393 	})
1394 	// +1
1395 	$('.show-cart').on("click", ".plus-item", function(event) {
1396 		var name = $(this).data('name');
1397 		shoppingCart.addItemToCart(name);
1398 		displayCart();
1399 	})
1400 	// Item count input
1401 	$('.show-cart').on("change", ".item-count", function(event) {
1402 		var name = $(this).data('name');
1403 		var count = Number($(this).val());
1404 		shoppingCart.setCountForItem(name, count);
1405 		displayCart();
1406 	});
1407 	displayCart();
1408 }
1409 
```



## 7.2 Sunglasses/ Contact Lenses Brand Page:

From both side, there are similar functional web-page that will be show below. And the page using JSON data to show on.

The screenshot shows a web page for a sunglasses brand. At the top left is a banner featuring two women eating ice cream. To the right of the banner is the brand name "GUCCI". Below the banner is a teal bar with the text "ALL PRODUCT". On the left, there is a "Sorting By" dropdown menu with the placeholder "Sort...". Below this are two pairs of sunglasses with their names and prices: "Moira \$29.95" and "Huntsville". On the right, there are four more pairs of sunglasses: "Pascagoula \$30.99", "Tabitha" (with an arrow pointing to it from a callout box), "Uvalde \$9.95", and "Wharton". A green callout box on the left says "Sorting list has functional organize showing the product by options list." A green callout box on the right says "List product is showed by JSON data". Another green callout box on the right says "Banner is also displayed by JSON data Via ID brand".

HTML codes:

```

55 <div class="banner2" id="banner">
56   
57 </div>
58
59 <div class="title" id="banner">
60   <h1>ALL PRODUCT</h1>
61 </div>
62 <div class="allproduct container">
63   <div class="row">
64     <div class="col-xs-6 filter_product" style="text-align: right;">
65       <label for="filter_product">Sorting By: </label>
66       <select name="" id="filter_product">
67         <option value="">---Sort---</option>
68         <option value="pricelow">Lower to Higher</option>
69         <option value="pricehigh">Higher to Lower</option>
70         <option value="name">Name</option>
71       </select>
72     </div>
73   </div>
74   <div class="row" id="brand_product">
75     <!-- col-12 col-md-4 product -->
76     <a href="#"></a>
77     <div class="name_product">Gucci</div>
78     <div class="price_product">$19.99</div>
79   </div>
80   <div class="col-12 col-md-4 product">
81     <a href="#"></a>
82     <div class="name_product">Gucci</div>
83     <div class="price_product">$19.99</div>
84   </div>
85   <div class="col-12 col-md-4 product">
86     <a href="#"></a>
87     <div class="name_product">Gucci</div>
88     <div class="price_product">$19.99</div>
89   </div>
90   <div class="col-12 col-md-4 product">
91     <a href="#"></a>
92     <div class="name_product">Gucci</div>
93     <div class="price_product">$19.99</div>
94   </div>
95 </div>
96
97 <div class="hr"></div>
98
99 <div class="hr"></div>
100
101 <div class="hr"></div>
102
103 <div class="hr"></div>
104
105 <div class="hr"></div>
106
107 <div class="hr"></div>
108
109 <div class="hr"></div>
110
111 <div class="hr"></div>
112
113 <div class="hr"></div>
114
115 <div class="hr"></div>
116
117 <div class="hr"></div>
118
119 <div class="hr"></div>
120
121 <div class="hr"></div>
122
123 <div class="hr"></div>
124
125 <div class="hr"></div>
126
127 <div class="hr"></div>
128
129 <div class="hr"></div>
130
131 <div class="hr"></div>
132
133 <div class="hr"></div>
134
135 <div class="hr"></div>
136
137 <div class="hr"></div>
138
139 <div class="hr"></div>

```

## JSON Java-script codes:

```

1 var glass_product = [
2   {
3     //Gucci
4     "IDbrand": "g",
5     "id": "g01",
6     "name_brand": "GUCCI",
7     "name": "Moira",
8     "img": "img/Gucci/1_gucci.jpg",
9     "img1": "img//Gucci/1_gucci.jpg",
10    "img2": "img//Gucci/1.1_gucci.jpg",
11    "img3": "img//Gucci/1.2_gucci.jpg",
12    "img4": "img//Gucci/1.3_gucci.png",
13    "imgmodel1": "img//Model/uvade1.jpg",
14    "imgmodel2": "img//Model/uvade2.jpg",
15    "price": 29.5,
16    "color": "Black", "colorVi": "Đen",
17    "sku": "SUP1040",
18    "frame": "Full", "frameVi": "Bộ",
19    "shape": "Round", "shapeVi": "Tròn",
20    "weight": "20.5g (0.72 oz)",
21    "gender": "Women", "genderVi": "Nữ",
22    "material": "TR90",
23    "progressive": "Yes",
24    "framewidth": "139 mm",
25    "lenunder": "50 mm",
26    "lenseheight": "45 mm",
27    "bridge": "21 mm",
28    "diagonal": "50 mm",
29    "templelength": "152 mm",
30    "description": "The Moira sunglasses bring vintage details and minimalistic influences together to create a cool, casual pair of frames. Throwback touches like the round sh",
31    "descriptionVi": "Kính mát Moira kết hợp các chi tiết cổ điển và ảnh hưởng tối giản lại với nhau để tạo ra một cặp kính mát mè, giản dị. Nhiều nét chấm phá như khung hì",
32    "linkdetail": "dock/Moira.docx"
33  },
34]

```

JSON Data keep a lot of information's product. All information is called by name-tag or id.

The screenshot shows a browser developer tools console with the following code snippet highlighted:

```

729 //get url
730 var res = '';
731 var res1 = '';
732 function getURL(){
733   var urlID = window.location.href.toString();
734   res = urlID.slice(-3);
735   res1 = urlID.slice(-1);
736 }
737 // SHOW brand
738 function showBrand(){
739   var g = '';
740   for (var v of glass_product){
741     if(v.IDbrand==res1)
742     {
743       g += '<div class="col-xs-12 col-md-4 product">' +
744         '<a href="glass_product.html?key=' + v.id + '></a>\n' +
745         '<div class="name_product">' + v.name + '</div>\n' +
746         '<div class="price_product">' + '$' + v.price + '</div>\n' +
747         '</div>';
748       $('title').html(v.name_brand);
749     }
750   }
751   $('#brand_product').html(g);
752 }
753
754 // Show direction
755 function showDirection(){
756   var dn = '';
757   for(var v of glass_product){
758     if(v.id==res1){
759       dn += '<a href="#">HOME </a>' +
760             '<a href="#">' + v.name_brand + '</a>' +
761             '<a href="#">' + v.name + '</a>';
762     }
763   }
764   $('#direction').html(dn);
765 }
766
767 // Show Banner
768 function showBanner(){
769   var ban = '';
770   if(res1 == 'g'){
771     ban += '';
772     $('#banner').html(ban);
773   }
774   else if(res1 == 'k'){
775     ban += '';
776     $('#banner').html(ban);
777   }
778   else if(res1 == 'l'){
779     ban += '';
780     $('#banner').html(ban);
781   }
782   else if(res1 == 'n'){
783     ban += '';
784     $('#banner').html(ban);
785   }
786 }
787

```

A callout box with the text "Show brand's product and banner via calling ID brand" points to the line of code that generates the HTML for the brand's products and banner.

```

107 ✓ function GetSortOrderBest(prop){
108   return function(a,b){
109     if( a[prop] < b[prop]){
110       return 1;
111     }else if( a[prop] > b[prop] ){
112       return -1;
113     }
114     return 0;
115   }
116 ✓ function sortJSONBy(para1,para2)
117 {
118   if(para2=='1')
119   {
120     glass_product.sort( GetSortOrderCheap(para1) );
121   }
122   else
123   {
124     glass_product.sort( GetSortOrderBest(para1) );
125   }
126   var a = '';
127   for (var v in glass_product)
128   {
129     if(glass_product[v].IDbrand==res1)
130     {
131       a += <div class="col-xs-12 col-md-4 product">+
132         <a href="glass_product.html?key1="></a>\n<
133         <div class="name_product">'>+glass_product[v].name+</div>\n<
134         <div class="price_product"> +$>+glass_product[v].price+</div>\n<
135         </div>;
136     }
137   }$('#brand_product').html(a);
138 }
139 ✓ $(document).ready(function(){
140   $('#filter_product').on('change', function() {
141     switch ($('#filter_product').val())
142     {
143       case 'pricelow':
144         sortJSONBy('price','1');
145         break;
146       case 'pricehigh':
147         sortJSONBy('price','2');
148         break;
149       case 'name':
150         sortJSONBy('name','1');
151         break;
152       default:
153         sortJSONBy('id','1');
154     }
155   });

```

Sorting Product List Dropdown

## 7.3 Sunglasses/Contact lenses Detail page

All data on this page are showed by using JSON data include buttons and links.

### 7.3.1 Add to Cart button

Click add item to cart then product will save in Cart on the top page

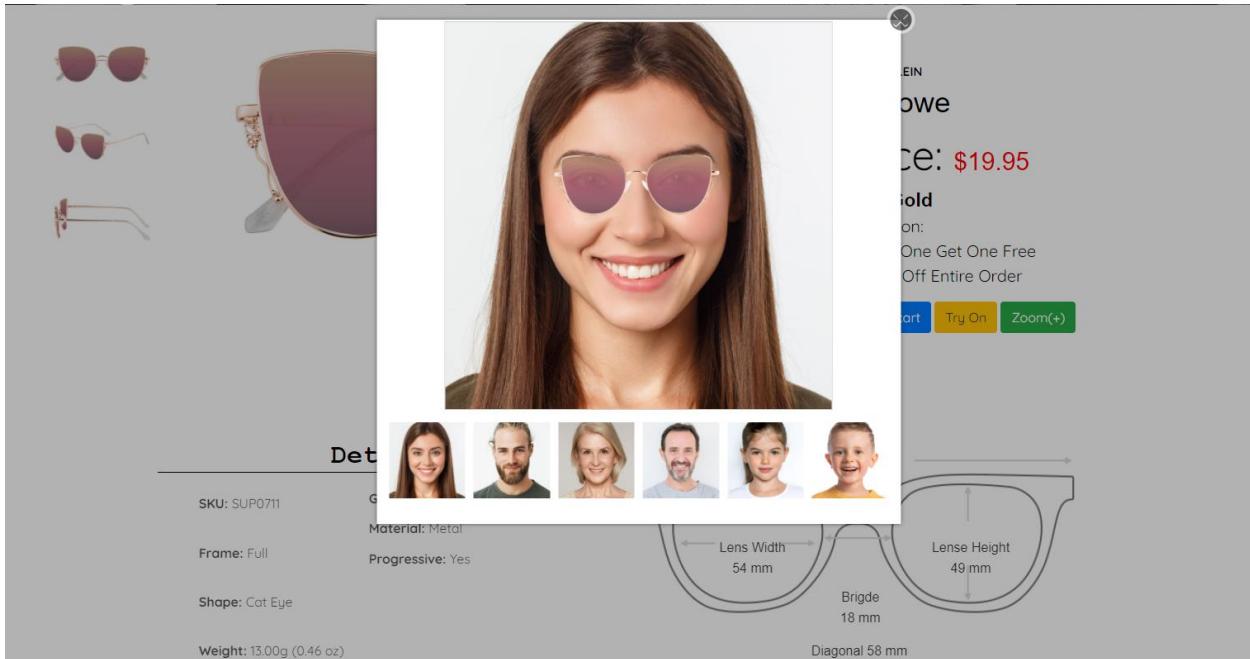
Add to cart Try On Zoom(+)

JSON Java-scripts codes:

```
788 // PRODUCT DETAILS PAGE
789 function showProduct(){
790   var gc = '';
791   for (var v of glass_product){
792     if(v.id==res){
793       $("title").html(v.name);
794       gc ++
795       <div class="row">
796         <div class="col-xs-12 col-md-12 col-lg-8">
797           <div class="row">
798             <div class="col-xs-2 col-md-2 small_img">+
799               <ul>
800                 <li>/li>+
801                 <li>/li>+
802                 <li>/li>+
803               </ul>+
804             </div>+
805             <div class="col-xs-2 col-md-10 main_img">+
806               +
807             </div>+
808           </div>+
809         </div>+
810       <div class="col-xs-12 col-md-4 col-lg-4" id="details">+
811         <div class="name_product">~v.name~<br/>~v.name_brand</div>+
812         <span class="small_name">~v.name~</span>+
813         <div class="price">Price: <span>~$~<span>~v.price~</span></span>+</div>+
814         <div class="color">Color: <span>~v.color~</span></div>+
815         <div class="product_promotion">+
816           <ul>Promotion: +
817             <li>Buy One Get One Free</li>+
818             <li>30% Off Entire Order</li>+
819           </ul>+
820         </div>+
821         <a href="#" data-name="~v.name~" data-price="~v.price~" data-img="~v.img~" class="add-to-cart btn btn-primary">Add to cart</a>+
822         <button class="btn btn-warning" onclick="showTryOn()>Try On</button>+
823         <button class="btn btn-success" onclick="zoomImg()>Zoom(+)</button>+
824       </div>+
825     </div>+
826   </div>+
827   <div class="content">+
828     <div class="row">+
829       <div class="col-md-6 col-lg-6 col-xs-12">+
830         <h2>Details</h2>+
831         <div class="details_product">+
832           <ul class="left">+
833             <li><b>SKU:</b> ~v.sku~</li>+
834             <li><b>Frame:</b> ~v.frame~</li>+
835             <li><b>Shape:</b> ~v.shape~</li>+
836             <li><b>Weight:</b> ~v.weight~</li>+
837           </ul>+
838           <ul class="right">+
839             <li><b>Gender:</b> ~v.gender~</li>+
840             <li><b>Material:</b> ~v.material~</li>+
841             <li><b>Progressive:</b> ~v.progressive~</li>+
842           </ul>+
843         </div>+
844       </div>+
845     </div>+
846   </div>+
847 }
```

### 7.3.2 Try On button:

This functional button is only showed on Sunglasses detail's product. Contact lenses page does not have this function.



### JSON Java-script codes:

```

1445 //changeTryon
1446 function changeTryon(id) {
1447   let imgPath = document.getElementById(id).getAttribute('src')
1448   document.getElementById('imgMask').setAttribute('src',imgPath);
1449 }
1450
1451 // Try on
1452 // For each item with a 'window' class,
1453 var windows = document.querySelectorAll('.imgContainer');
1454 [] .forEach.call(windows,function(win){
1455
1456 //Find the title bar inside it and do something onmousedown
1457 var title = win.querySelector('.imgGlass');
1458 title.addEventListener('mousedown',function(evt){
1459
1460 // Record where the window started
1461 var real = window.getComputedStyle(win),
1462     winX = parseFloat(real.left),
1463     winY = parseFloat(real.top);
1464
1465 // Record where the mouse started
1466 var mx = evt.clientX,
1467     my = evt.clientY;
1468
1469 // When moving anywhere on the page, drag the window
1470 // ...until the mouse button comes up
1471 document.body.addEventListener('mousemove',drag,false);
1472 document.body.addEventListener('mouseup',function(){
1473   document.body.removeEventListener('mousemove',drag,false);
1474 },false);
1475
1476 // Every time the mouse moves, we do the following
1477 function drag(evt){
1478   // Add difference between where the mouse is now
1479   // versus where it was last to the original positions
1480   win.style.left = winX + evt.clientX-mX + 'px';
1481   win.style.top = winY + evt.clientY-mY + 'px';
1482 }
1483 },false);
1484 });
1485
1486 //changeGlassesTryon
1487 function changeGlassesTryon() {
1488   var tryon = '';
1489   for(var i of glass_product){
1490     if(res == i.id){
1491       tryon +=`<div class="list-img-tryon">\n`+
1492         `<div class="close" style="text-align: center;"><i class="fas fa-times" onclick="offTryon()"></i></div>\n`+
1493         `<div class="img-list">\n`+
1494           `<div class="img-main">\n`+
1495             `\n`+
1496           `</div>\n`+
1497         `</div>\n`+
1498       `</div>\n`;
1499     }
1500   }
1501   document.getElementById('tryon').innerHTML = tryon;
1502 }
1503
1504 //offTryon
1505 function offTryon() {
1506   var tryon = document.getElementById('tryon');
1507   tryon.innerHTML = '';
1508 }

```

### 7.3.4 Zoom button



JSON Java-script codes:

```
1714 /*zoom image*/
1715 function zoomImg() {
1716   $(function(){
1717     $('#img_main').imagezoomsl({
1718       zoomrange:[2.7]
1719     });
1720   }
1721 }
1722 }
```

There must be add zoomsl.min.js file in folder to use this function and it can be download on online library.

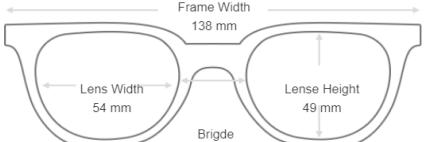
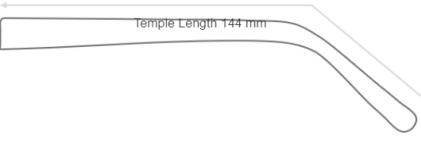
0: zoomsl.min.js

### 7.3.5 Information Detail of Product with download document links

**Details**

SKU: SUP0711	Gender: Women
Material: Metal	
Frame: Full	Progressive: Yes
Shape: Cat Eye	
Weight: 13.00g (0.46 oz)	
<b>Description</b> Marlowe's flirty cat-eye shape and pink mirrored lenses are a year-round must have. Featuring adjustable nose pads and metal frame for a lightweight, barely there feel. <b>OUR RECOMMENDATION:</b> We love a good cateye frame on diamond and oval face shapes! Of course, you know yourself best, so if you like them, we're positive you can rock them!	

[Click here to download details of product](#)

JSON java-scrips codes:

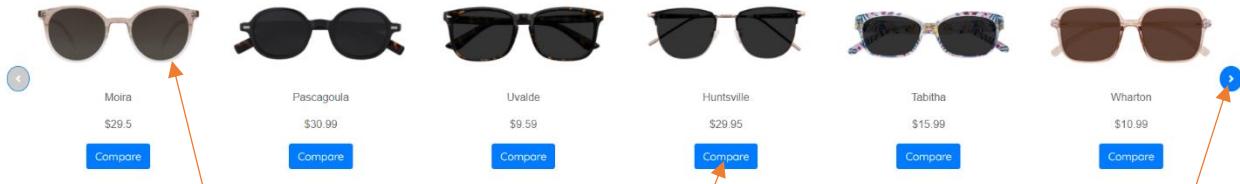
```

530     <li><b>Weight: </b> '+v.weight+'</li>'+  
531   </ul>+  
532   <ul class="right">+  
533     <li><b>Gender:</b> '+v.gender+'</li>'+  
534     <li><b>Material:</b> '+v.material+'</li>'+  
535     <li><b>Progressive:</b> '+v.progressive+'</li>'+  
536   </ul>+  
537   </div>+  
538   <span>Description</span>+  
539   <p> '+v.description+'</p>+  
540   <a style="font-weight: bold;font-size:20px" href="'+v.linkdetail+'" download="">Click here to download details of product</a>+  
541 </div>+  
542 <div class="col-md-6 col-lg-6 col-xs-12">+  
543   <div class="vector_product">+  
544     <div class="p1">+  
545       <span>Frame Width</span><br>+  
546       <span>' + v.framework + '</span>'+  
547     </div>+  
548     <div class="p2">+  
549       <span>Lens Width</span><br>+  
550       <span>' + v.lenwidth + '</span>'+  
551     </div>+  
552     <div class="p3">+  
553       <span>Lense Height</span><br>+  
554       <span>' + v.lenseheight + '</span>'+  
555     </div>+  
556     <div class="p4">+  
557       <span>Bridge</span><br>+  
558       <span>' + v.bridge + '</span>'+  
559     </div>+  
560     <div class="p5">+  
561       <span>Diagonal</span> '+v.diagonal+'</span>'+  
562     </div>+  
563     <div class="p6">+  
564       <span>Temple Length '>v.templelength+'</span>'+  
565     </div>+  
566   +  
567 </div>+  
568   </div>+  
569 </div>+  
570 }
571 }
572 }
573 $( "#product_details" ).html( gc );
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```

### 7.3.6 Carousel / Similar Product and Compare Product

#### SIMILAR PRODUCT



Browsing product via carousel then user can click on image to reach to the product user need

Backward and Forward button in Carousel

Compare button will show the product user want to compare with the current product on the page. Then it will show comparation table on below

#### COMPARE PRODUCT



Name : Marlowe

Price: \$19.95

Color: Gold

SKU: SUP0711

Frame: Full

Shape: Cat Eye

Weight: 13.00g (0.46 oz)

Gender: Women

Material: Metal

Progressive: Yes

Frame Width: 138 mm

Lens Width: 54 mm

Lense Height: 49 mm

Bridge: 18 mm

Diagonal: 58 mm

Temple Length: 144 mm



Name : Huntsville

Price: \$29.95

Color: Black

SKU: SUP1077

Frame: Full

Shape: Classic Wayframe

Weight: 13.1g (0.46 oz)

Gender: Women | Men

Material: Metal

Progressive: Yes

Frame Width: 141 mm

Lens Width: 52 mm

Lense Height: 43 mm

Bridge: 20 mm

Diagonal: 53 mm

Temple Length: 146 mm

## JSON java-scripts codes:



```

100  <!-- function CarouselSimilar(){
101    $(document).ready(function () {
102      var itemsMainDiv = ('.MultiCarousel');
103      var itemsDiv = ('.MultiCarousel-inner');
104      var itemWidth = "";
105
106      $('.leftlist, .rightlist').click(function () {
107        var condition = $(this).hasClass("leftlist");
108        if (condition)
109          click(0, this);
110        else
111          click(1, this)
112      });
113
114      ResCarouselSize();
115
116
117      $(window).resize(function () {
118        ResCarouselSize();
119      });
120
121
122      //this function define the size of the items
123      function ResCarouselSize() {
124        var incno = 0;
125        var dataItems = ('data-items');
126        var itemClass = ('.item');
127        var id = 0;
128        var btnParentSb = '';
129        var itemsSplit = '';
130        var sampwidth = $(itemsMainDiv).width();
131        var bodyWidth = $('body').width();
132        $(itemsDiv).each(function () {
133          id = id + 1;
134          var itemNumbers = $(this).find(itemClass).length;
135          btnParentSb = $(this).parent().attr(dataItems);
136          itemsSplit = btnParentSb.split(',');
137          $(this).parent().attr('id', 'MultiCarousel' + id);
138
139          if (bodyWidth >= 1200) {
140            incno = itemsSplit[3];
141            itemWidth = sampwidth / incno;
142          }
143          else if (bodyWidth >= 992) {
144            incno = itemsSplit[2];
145            itemWidth = sampwidth / incno;
146          }
147          else if (bodyWidth >= 768) {
148            incno = itemsSplit[1];
149            itemWidth = sampwidth / incno;
150          }
151          else {
152            incno = itemsSplit[0];
153            itemWidth = sampwidth / incno;
154          }
155        });
156        $(this).css({ 'transform': 'translateX(0px)', 'width': itemWidth * itemNumbers });
157
158        //this function used to move the items
159        function ResCarousel(e, el, s) {
160          var leftBtn = ('.leftlist');
161          var rightBtn = ('.rightlist');
162          var translateXval = '';
163          var divStyle = $(el + ' ' + itemsDiv).css('transform');
164          var values = divStyle.match(/-([vV])+/g);
165          var xds = Math.abs(values[4]);
166          if (e == 0) {
167            translateXval = parseInt(xds) - parseInt(itemWidth * s);
168            $(el + ' ' + rightBtn).removeClass("over");
169
170            if (translateXval <= itemWidth / 2) {
171              translateXval = 0;
172              $(el + ' ' + leftBtn).addClass("over");
173            }
174          }
175          else if (e == 1) {
176            var itemsCondition = $(el).find(itemsDiv).width() - $(el).width();
177            translateXval = parseInt(xds) + parseInt(itemWidth * s);
178            $(el + ' ' + leftBtn).removeClass("over");
179
180            if (translateXval >= itemsCondition - itemWidth / 2) {
181              translateXval = itemsCondition;
182              $(el + ' ' + rightBtn).addClass("over");
183            }
184          }
185        $(el + ' ' + itemsDiv).css('transform', 'translateX(' + -translateXval + 'px)');
186      }
187
188      //It is used to get some elements from btn
189      function click(el, ee) {
190        var Parent = "#" + $(ee).parent().attr("id");
191        var slide = $(Parent).attr("data-slide");
192        ResCarousel(el, Parent, slide);
193      }
194
195    });
196  }

```

Get product data from JSON and set up the functional carousel such as move forward, backward button.

```

1017 // show similarCarousel
1018
1019 var cau = '';
1020 for(var i of glass_product){
1021   cau +=<div class="item">\n' +
1022     '<div class="pad15" style="text-align: center;">\n' +
1023       '<a href="glass_product.html?key1=' + i.id + '">' +
1024       '<p>' + i.name + '</p>\n' +
1025       '<p>$' + i.price + '</p>\n' +
1026       '<button id="btn_compare" class="btn btn-primary" onclick="showCompare(\'' + i.id + '")">' +
1027       '</div>\n' +
1028   '';
1029 }
$("#carousel1").html(cau);
1030
1031
1032 // show Compare
1033 //product compare right
1034 function CompareRight() {
1035   var coml = '';
1036   for(var i of glass_product){
1037     if(i.id == res){
1038       coml +=
1039         '<a href="#"></a>\n' +
1040         '<p>Name: <span>' + i.name + '</span></p>\n' +
1041         '<p>Price: $' + i.price + '</span></p>\n' +
1042         '<p>Color: <span>' + i.color + '</span></p>\n' +
1043         '<p>SKU: <span>' + i.sku + '</span></p>\n' +
1044         '<p>Frame: <span>' + i.frame + '</span></p>\n' +
1045         '<p>Shape: <span>' + i.shape + '</span></p>\n' +
1046         '<p>Weight: <span>' + i.weight + '</span></p>\n' +
1047         '<p>Gender: <span>' + i.gender + '</span></p>\n' +
1048         '<p>Material: <span>' + i.material + '</span></p>\n' +
1049         '<p>Progressive: <span>' + i.progressive + '</span></p>\n' +
1050         '<p>Frame Width: <span>' + i.framewidth + '</span></p>\n' +
1051         '<p>Lens Width: <span>' + i.lenswidth + '</span></p>\n' +
1052         '<p>Lense Height: <span>' + i.lenseheight + '</span></p>\n' +
1053         '<p>Bridge: <span>' + i.bridge + '</span></p>\n' +
1054         '<p>Diagonal: <span>' + i.diagonal + '</span></p>\n' +
1055         '<p>Temple Length: <span>' + i.templelength + '</span></p>';
1056     }
1057   }
1058   $("#left").html(coml);
1059 }
1060
1061 function showCompare(comid) {
1062   var comr = '';
1063   for(var v of glass_product){
1064     if(v.id == comid)
1065     {
1066       comr +=
1067         '<a href="glass_product.html?key1=' + v.id + '"></a>\n' +
1068         '<p>Name: <span>' + v.name + '</span></p>\n' +
1069         '<p>Price: $' + v.price + '</span></p>\n' +
1070         '<p>Color: <span>' + v.color + '</span></p>\n' +
1071         '<p>SKU: <span>' + v.sku + '</span></p>\n' +
1072         '<p>Frame: <span>' + v.frame + '</span></p>\n' +
1073         '<p>Shape: <span>' + v.shape + '</span></p>\n' +
1074         '<p>Weight: <span>' + v.weight + '</span></p>\n' +
1075         '<p>Gender: <span>' + v.gender + '</span></p>\n' +
1076         '<p>Material: <span>' + v.material + '</span></p>\n' +
1077         '<p>Progressive: <span>' + v.progressive + '</span></p>\n' +
1078         '<p>Frame Width: <span>' + v.framewidth + '</span></p>\n' +
1079         '<p>Lens Width: <span>' + v.lenswidth + '</span></p>\n' +
1080         '<p>Lense Height: <span>' + v.lenseheight + '</span></p>\n' +
1081         '<p>Bridge: <span>' + v.bridge + '</span></p>\n' +
1082         '<p>Diagonal: <span>' + v.diagonal + '</span></p>\n' +
1083         '<p>Temple Length: <span>' + v.templelength + '</span></p>';
1084     }
1085   }
1086   $("#right").html(comr);
1087 }
1088
1089
1090
1091

```

Two screenshots of a browser interface are shown. The top screenshot shows a product detail page with a title 'Show carousel product'. The bottom screenshot shows a comparison page with two side-by-side sections, each containing a product's name, price, color, SKU, frame type, shape, weight, gender, material, progressive lens status, frame width, lens width, bridge type, diagonal, and temple length. An orange arrow points from the code block above to the 'Show compare product on left side and right side' screenshot.

### 7.3.7 Review and feedback product

#### Review

Your Name:



abc

Review

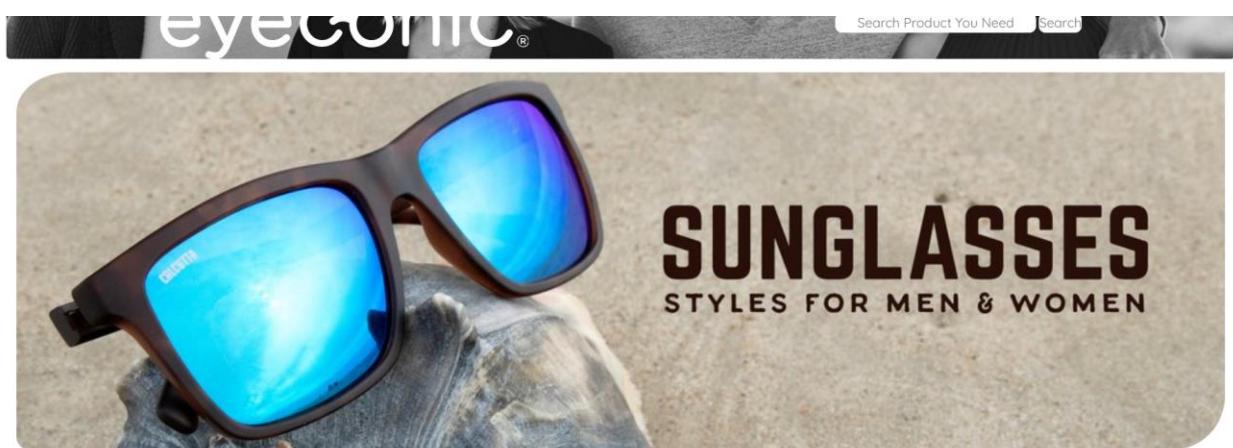
Name: abc
Rating: 4★
Comment: abc

JSON Java-scripts codes:

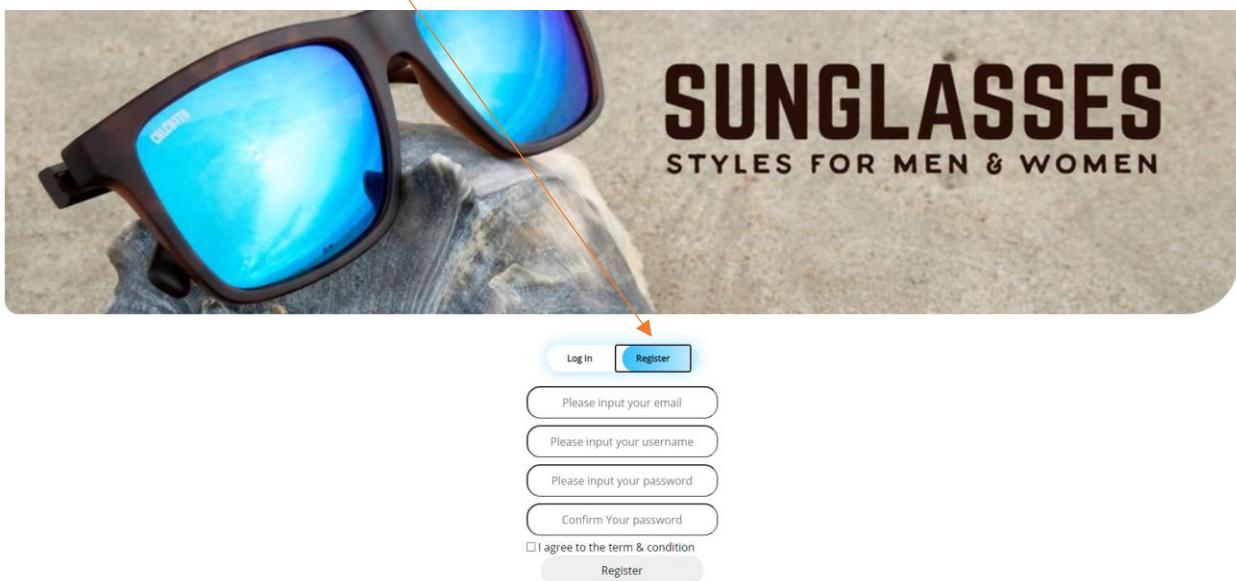
```
391 //show_comment
392 var x = '';
393 ✓ function showComment(){
394     event.preventDefault();
395     var uname= $("#name_user").val();
396     var ucom = $("#review_user").val();
397     var urate = $("input[name='rate']:checked").val();
398     x += "Name: "+uname+<br>+ "Rating: "+ urate + "<br>" + "Comment: "+ " " +ucom+<br>";
399     $('#show_comment').html(x);
400     return false;
401 }
402
403
404
```



## 8. Login / Register Page



On this page, user can do multi-task such as login and register just by click slider button to switch the task. All inputs have validated function



## HTML codes:

```

88 <div class="form-box">
89   <div class="button-box">
90     <div id="btn"></div>
91     <button type="button" class="toggle-button" onclick="loginpage()>Log In</button>
92     <button type="button" class="toggle-button" onclick="registerpage()>Register</button>
93   </div>
94   <form onsubmit="return validatedLogin()" id="login" action="index.html" class="input-form" name="login">
95     <input autocomplete="off" type="text" class="input-field" placeholder="Username" name="uname" id="uname" value="">
96     <div id="username_error"><span style="color: red;">Please fill up correct your Username should be equal or above 6 characters</span></div>
97     <input autocomplete="off" type="password" class="input-field" placeholder="Password" name="pass" id="pass" value="">
98     <div id="password_error"><span style="color: red;">Please fill up correct your Password should be equal or above 6 characters</span></div>
99     <input type="checkbox" class="check-box"><span> Remember Your Password</span>
100    <button type="submit" class="submit-btn">Login</button>
101    <p>Or Sign in with social platforms:</p>
102    <div class="social-links">
103      <a href="#" class="fa fa-facebook"></a>
104      <a href="#" class="fa fa-twitter"></a>
105      <a href="#" class="fa fa-telegram"></a>
106      <a href="#" class="fa fa-instagram"></a>
107    </div>
108  </form>
109
110  <!-- {{users/json}} -->
111  <form onsubmit="return validateRegister()" id="register" action="login.html" class="input-form">
112    <input autocomplete="off" type="email" class="input-field" placeholder="Please input your email" value="" name="email" pattern="^w@w(2,6).com" required>
113    <input autocomplete="off" type="text" class="input-field" placeholder="Please input your username" name="username" value="">
114    <div id="username_error"><span style="color: red;">Please fill up correct your Username should be equal or above 6 characters</span></div>
115    <input autocomplete="off" type="password" class="input-field" placeholder="Please input your password" name="passwordRe" value="">
116    <div id="password_error"><span style="color: red;">Please fill up correct your Username should be equal or above 6 characters</span></div>
117    <input autocomplete="off" type="password" class="input-field" placeholder="Confirm Your password" name="passwordMatching" value="">
118    <div id="password_error_matching"><span style="color: red;">Your password is not matching</span></div>
119
120    <input type="checkbox" class="check-box" required><span> I agree to the term & condition</span>
121    <button type="submit" class="submit-btn">Register</button>
122  </form>
123 </div>
124 </div>
125 </div>
126 </div>

```

Login

Register

## Java-scripts codes:

```

var uname = document.forms['login']['uname'];
var password = document.forms['login']['pass'];

var uname_error = document.getElementById('username_error');
var pass_error = document.getElementById('password_error');

uname.addEventListener('textInput',uname_Verify);
pass.addEventListener('textInput',pass_Verify)

function validatedLogin()
{
  if(uname.value.length <6)
  {
    uname.style.border = "1px solid red";
    uname_error.style.display= "block";
    uname.focus();
    return false;
  }
  if(password.value.length <6)
  {
    password.style.border = '1px solid red';
    pass_error.style.display= 'block';
    password.focus();
    return false;
  }
  else
  {
    alert("Login Success! Welcome to homepage")
    return true;
  }
}

function uname_Verify(){
  if(uname.value.length >5)
  {
    uname.style.border = "1px solid silver";
    uname_error.style.display= "none";
    return true;
  }
}

function pass_Verify(){
  if(uname.value.length >5)
  {
    password.style.border = "1px solid silver";
    pass_error.style.display= "none";
    return true;
  }
}

```

Login

```

function validateRegister()
{
  if(username.value.length < 6 || username.value == "")
  {
    username.style.border = "1px solid red";
    username_error.style.display= "block";
    username.focus();
    return false;
  }
  if(passwordRe.value.length < 6 || passwordRe.value == "")
  {
    passwordRe.style.border = "1px solid red";
    passwordR_error.style.display= "block";
    passwordRe.focus();
    return false;
  }
  if(passwordMa.value != passwordRe.value || passwordMa.value == "")
  {
    passwordMa.style.border = "1px solid red";
    password_error_matching.style.display= "block";
    passwordMa.focus();
    return false;
  }
  else
  {
    alert("Register Success! Please login to homepage")
    return true;
  }
}

function username_Verify(){
  if(username.value.length >5)
  {
    username.style.border = "1px solid silver";
    username_error.style.display= "none";
    return true;
  }
}

function passRe_Verify(){
  if(passwordRe.value.length >5)
  {
    passwordRe.style.border = "1px solid silver";
    passwordR_error.style.display= "none";
    return true;
  }
}

function passMa_Verify(){
  if(passwordMa.value == passwordRe.value || passwordMa.value != "")
  {
    passwordMa.style.border = "1px solid silver";
    password_error_matching.style.display= "none";
    return true;
  }
}

```

Register

## 9. Services Page:



This page show content of Eyeconic Services when user click on “Read more” the page will show detail of the services





**Virtual Shopping Consultation**

Meet our personal shopper who will guide you through the newest trends and will help you find the frame that best fits your style.

[Read More](#)



**Options Shopping**  
Choose Your Ways To Shopping

[Read More](#)



**Our Perfect Pair Promise**  
Where We Keeping Our Promises With Customers

[Read More](#)

**Virtual Shopping Consultation** 

MEET OUR PERSONAL SHOPPER WHO WILL GUIDE YOU THROUGH THE NEWEST TRENDS AND WILL HELP YOU FIND THE FRAME THAT BEST FITS YOUR STYLE. JUST FOLLOW THESE SIMPLE STEPS:

 STEP 1  
Book appointment in Eyeconic Website

 STEP 2  
Meet our personal shopper who will guide you through the newest trends and will help you find the frame that best fits your style.

 PLEASE NOTE THAT THIS SERVICE IS ONLY AVAILABLE THROUGH WEBSITE AND FOR IN-HOUSE CONSULTATION ONLY.

**Pick Up In Store** 

THERE'S A NEW SERVICE IN TOWN! SELECT YOUR CONVENIENT PICKUP STORE. MOST SHIPMENTS ARE AVAILABLE FOR PICKUP IN JUST 2 BUSINESS HOURS. JUST FOLLOW THESE SIMPLE STEPS:

 STEP 1  
Select your favorite frame online and add it to your cart. It's free!

 STEP 2  
While stocks last, in-store pickup is available for same day pickup and minutes after collect today! They will be ready for you in just 2 business hours, including weekends. Orders will be kept in the store until they are collected. If you have any questions, please contact us or visit your nearest store. You can select your convenient location and we will ship a fresh pair in express shipping.

**OUR PERFECT PAIR PROMISE()** 

REPLACEMENT COVERAGE   
**365**

All Eyeconic Members get 50% off a new pair if they damage their shades within one year.

[Join Eyeconic's Club](#)

Subscribe To Our Newsletter And Get Exclusive Access To The Latest Trends, Sales And Special Offers.

**Find In Store** 

WANT TO CHECK IF YOUR STYLE IS AVAILABLE AT A STORE NEAR YOU? JUST FOLLOW THESE SIMPLE STEPS:

 STEP 1  
Browse our styles online and select your favorite shades.

 STEP 2  
While stock last, in-store availability can be confirmed only when in-store. Want to be sure? Call our store and ask for a day reservation.

**Call And Reserve** 

WANT TO CHECK IF YOUR STYLE IS AVAILABLE AT A STORE NEAR YOU? JUST FOLLOW THESE SIMPLE STEPS:

 STEP 1  
Browse our styles online and select your favorite shades.

 STEP 2  
JOIN EYECOMIC'S CLUB  
(SUBSCRIBE TO OUR NEWSLETTER AND GET EXCLUSIVE ACCESS TO THE LATEST TRENDS, SALES AND SPECIAL OFFERS)

COMMENTS

### What People Says About Us

 <b>Justin Bieber</b> <span style="float: right;">★★★★★</span>	 <b>Donald.J.Trump</b> <span style="float: right;">★★★★★</span>	<p>"I really enjoyed styling these glasses. The design is very sleek and gives me good clarity. It's super light and the anti-reflective coating is total bliss to my eyes"</p> <p>"Love Eyeonic glasses! Stylish and sturdy."</p>
 <b>Aishwarya Rai</b> <span style="float: right;">★★★★★</span>	 <b>Cristiano Ronaldo</b> <span style="float: right;">★★★★★</span>	<p>"Absolutely love the variety on Eyeonic website, great eyewear"</p> <p>"Eyeonic makes some of the most stylish eyewear. Their quality considering their prices is unmatched in Viet Nam, truly my go-to brand for eyewear"</p>
 <b>Lionel Messi</b> <span style="float: right;">★★★★★</span>	<p>"I am impressed with the massive collection at Eyeonic eyewear. Finding the right pair for my face shape was super fun and easy"</p>	

Show review of customer and their feedback on service. Also, user can leave the email in register for upcoming news from website

### Register For New Letters()

Please fill in this form.

Email

abc@mail.com

Register

Already have an account? [Sign in.](#)



### Customer Benefit Packages()

Choose The Package That You Like.

Basic	Pro	Premium
\$ 9.99 / year	\$ 24.99 / year	\$ 49.99 / year
10 Coupons	15 Coupons	25 Coupons
0 Free Frames	1 Free Frams	2 Free Frames
2 Free Cleaning	3 Free Cleaning	5 Free Cleaning
1 Freeshipping	2 Freeshipping	5 Freeshipping
<a href="#" style="background-color: #008000; color: white; padding: 5px 10px;">Sign Up</a>	<a href="#" style="background-color: #008000; color: white; padding: 5px 10px;">Sign Up</a>	<a href="#" style="background-color: #008000; color: white; padding: 5px 10px;">Sign Up</a>

Make the user can buy the bundle package of services. After that, user can sign up account when click on "Sign Up" then the site moves to register page

## 10. About Us / Contact Us



### Our Vision

At EyeonicStore.com, our client-oriented philosophy makes your visual needs our first priority. We have created a culture of integrity and honesty, so you can shop with confidence.

- Our company strives to ensure all clients will have the best possible customer experience.
- Our frame sourcing and quality control protocols give you the best online selection of unbeatable-priced eyeglasses anywhere.
- Our Quality Assurance optical technicians will inspect your eyeglasses extensively before they are delivered.
- Our prescription eyeglasses frames and sunglasses come with a 90-day quality guarantee.
- Our international logistic centers allow us to provide the most stylish top quality eyeglasses at unbeatable prices to customers around the world. From our integrated, centralized international distribution center, we are able to ship orders

### Our Story

Eyeonic Store is an American owned(Address: 36929 SCHOOLCRAFT RD LIVONIA, MI 48150, US) and operated online retailer of eyeglasses. Since the website launch in 2004, we have delivered over a million pairs of eyeglasses while maintaining our standard of providing the highest quality at affordable prices.

We are a group of eye doctors that understands your struggle with the high cost of eyeglasses. We strive to make your experience with EyeonicStore.com one that is not only user-friendly but also professional and reliable. Being able to deliver superior eyeglasses at an unbeatably-low price has allowed us to help people all over the world see clearly and, in turn, has provided our team with a more rewarding experience than we could have ever anticipated. We guarantee your satisfaction.





#### CONTACT INFORMATION

Call Us:

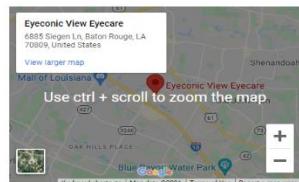
1.800.556.926

Email:

Eyeonic@gmail.com or Eyeonic@services.com.us

##### 📍 Our First Store:

6885 Siegen Ln, Baton Rouge, LA 70809, United States



AI Geolocation by Google map help user easy to find store location.

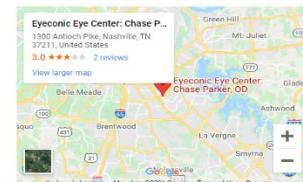
##### 📍 Our Second Store:

12261 US 49 Suite 2, Gulfport, MS 39503, United States



##### 📍 Our Third Store:

1300 Antioch Pike, Nashville, TN 37211, United States



#### Send Us a Message

Full Name
Email
Your Phone Number
Subject
Message
Submit

User can leave the message via input the form and message then submit

#### HTML Codes :

```

85 <div class="contact-wrap container">
86   <div class="contact-wrap">
87     <div class="contact-in">
88       <h1>Contact Information</h1>
89       <h2><i class="fa fa-phone" aria-hidden="true"></i> Call Us:</h2>
90       <p style="font-size: 30px; color: #000; margin-bottom: 10px; font-weight: bold;">1.800.556.926</p>
91       <h2><i class="fa fa-envelope" aria-hidden="true"></i> Email:</h2>
92       <a href="mailto:Eyeonic@gmail.com"><b>Eyeonic@gmail.com or Eyeonic@services.com.us</b></a>
93     </div>
94
95   <div class="contact-in-google col-xs-12 col-lg-12">
96     <div class="row">
97       <div class="address col-xs-12 col-lg-3">
98         <h2><i class="fa fa-map-marker" aria-hidden="true"></i> Our First Store:</h2>
99         <p>6885 Siegen Ln, Baton Rouge, LA 70809, United States</p>
100        <iframe src="https://www.google.com/maps/embed?pb=!1m18!1m1!1m3!1d32738.12245975237!2d-91.08847438651351!3d30.402883465875682!2m3!1f0!2f0!3f0!3m2!1i1024!2i768" style="width: 100%; height: 100%; border: none; margin-top: 10px;"></iframe>
101      </div>
102      <div class="address col-xs-12 col-lg-3">
103        <h2><i class="fa fa-map-marker" aria-hidden="true"></i> Our Second Store:</h2>
104        <p>12261 US 49 Suite 2, Gulfport, MS 39503, United States</p>
105        <iframe src="https://www.google.com/maps/embed?pb=!1m18!1m1!1m3!1d65431.54799286648612d-89.1458554389902!3d38.469475631003956!2m3!1f0!2f0!3f0!3m2!1i1024!2i768" style="width: 100%; height: 100%; border: none; margin-top: 10px;"></iframe>
106      </div>
107      <div class="address col-xs-12 col-lg-3">
108        <h2><i class="fa fa-map-marker" aria-hidden="true"></i> Our Third Store:</h2>
109        <p>1300 Antioch Pike, Nashville, TN 37211, United States</p>
110        <iframe src="https://www.google.com/maps/embed?pb=!1m18!1m1!1m3!1d122692.45751374327!2d-86.82383464877108!3d36.09070920602183!2m3!1f0!2f0!3f0!3m2!1i1024!2i768" style="width: 100%; height: 100%; border: none; margin-top: 10px;"></iframe>
111      </div>
112    </div>
113  </div>
114</div>
115 <div class="contact-message">
116   <h3>Send Us a Message:</h3>
117   <form>
118     <input type="text" placeholder="Full Name">
119     <input type="text" placeholder="Email">
120     <input type="text" placeholder="Your Phone Number" >
121     <input type="text" placeholder="Subject">
122     <textarea placeholder="Message"></textarea>
123     <button type="submit" value="SUBMIT" class="contact-in-btn">Submit</button>
124   </form>
125 </div>
126 </div>
127 </div>

```

## 11. Footer/ Bootstrap layout

Get in Touch

MON-FRI 9AM - 5PM  
123 Eyeonic Store, L.A, Vietnam  
eyeonicstore@gmail.com  
1.800.556.926

Follow Us

Company Info

Services

We Accept:

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Secured By:

Use bootstrap layout we created simple footer with social links animation.

HTML codes:

```
130 <div class="container">
131   <div class="footer">
132     <div class="row">
133       <div class="col-lg-3 col-md-6">
134         <div class="footer-widget">
135           <h2>Get in Touch</h2>
136           <div class="contact-info">
137             <p>MON-FRI 9AM - 5PM</p>
138             <p><i class="fa fa-map-marker"></i> 123 Eyeonic Store, L A, Vietnam</p>
139             <p><i class="fa fa-envelope"></i> eyeonicstore@gmail.com</p>
140             <p><i class="fa fa-phone"></i> 1.800.556.926</p>
141         </div>
142       </div>
143     </div>
144
145     <div class="col-lg-3 col-md-6">
146       <div class="footer-widget">
147         <h2>Follow Us</h2>
148         <div class="contact-info">
149           <div class="social">
150             <a href="#"><i class="fab fa-twitter"></i></a>
151             <a href="#"><i class="fab fa-facebook-f"></i></a>
152             <a href="#"><i class="fab fa-linkedin-in"></i></a>
153             <a href="#"><i class="fab fa-instagram"></i></a>
154             <a href="#"><i class="fab fa-youtube"></i></a>
155           </div>
156         </div>
157       </div>
158     </div>
159
160     <div class="col-lg-3 col-md-6">
161       <div class="footer-widget">
162         <h2>Company Info</h2>
163         <ul>
164           <li><a href="#">About Us</a></li>
165           <li><a href="#">Service Page</a></li>
166         </ul>
167       </div>
168     </div>
169
170     <div class="col-lg-3 col-md-6">
171       <div class="footer-widget">
172         <h2>Services</h2>
173         <ul>
174           <li><a href="#">Virtual Shopping</a></li>
175           <li><a href="#">Options Shopping</a></li>
176           <li><a href="#">Promises</a></li>
177         </ul>
178       </div>
179     </div>
180   </div>
181
182   <div class="row payment align-items-center">
183     <div class="col-md-6">
184       <div class="payment-method">
185         <h2>We Accept:</h2>
186         
187       </div>
```

## 10. TASK SHEET 2

e-Project Title: Eyeonic		Preparation Activity Day			
Task	Activity prepared by person	Actual Start Days	Actual Complete Task Days	Teammate Names	Status
Brainstorming idea for layout and Project Objective	Nhuận, Hòa Đạt Danh	11/6/21	1 day	Nhuận Hòa Đạt Danh	Completed
Draw sitemap and architecture design	Nhuận	11/6/21	1 day	Nhuận	Completed
Design general layout (header, footer)	Nhuận	11/6/21	1 day	Nhuận	Completed
Collect static asset (picture, document, information)	Nhuận Hòa Đạt Danh	11/6/21	1 day	Nhuận Hòa Đạt Danh	Completed
Design and build Home Page/ Searching function/ Adding Product to Cart and Payment Form	Nhuận	12/6/21	14 days	Nhuận	Completed
Design and build Brand-Sunglasses Product Page and Sunglasses Product Detail	Hòa	13/6/21	18 days	Hòa	Completed
Design and build Contact lens page and Contact lens detail page	Đạt	13/6/21	16 days	Đạt	Completed
Design and build Services and Contact us page, About Us	Danh	13/6/21	5 days	Danh	Completed
Write project report review 1	Nhuận	18/6/21	2 days	Nhuận	Completed
Testing Responsive	Nhuận, Đạt	1/7/21	6 days	Nhuận, Đạt	Completed
Write project report Review 2	Nhuận	5/7/21	2 days	Nhuận	Completed

## 8 CHECKLIST VALIDATION

<b>TASK NO.</b>	<b>REQUIREMENT</b>	<b>VALIDATION</b>
1	Home Page should contain logo of the site with proper sections and details of Frames and Lenses with suitable images.	YES
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.	YES
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.	YES
4	Another category option for "Contact Lenses", "SunGlasses" etc. should be created and accordingly the products should be listed.	YES
5	When a user selects any particular brand, a list of products for that brand will be displayed	YES
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.	YES
7	The user should also be able to compare the various products of different as well as similar brands.	YES
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).	YES
<b>ADDING NEW FEATURE</b>		
1	Adding Zooming, Try On button on product page	YES
2	Adding function "Add to Card" when buy product and Payment form	YES
3	Adding 2 languages English and Vietnamese on product detail	YES

## **9 REFERENCES**

1. Bootstrap 4 Tutorial. <https://www.w3schools.com/bootstrap4/default.asp>
2. Bootstrap 4 documentation. <https://getbootstrap.com/docs/4.5/getting-started/introduction/>
3. Jquery API documentation. <https://api.jquery.com/>
4. Glassshop website <https://www.glassesshop.com/>