

FPT ACADEMY INTERNATIONAL FPT – APTECH COMPUTER EDUCATION

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[EYEONIC]

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|-------------|---------------------|----------------|--|--|--|--|
| Term: | 1 | | | | | |
| Batch No: | T1.2008.MO | | | | | |
| Group No: | | | | | | |
| Order: | Full name | Roll No. | | | | |
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Month 11 . Year 2020

This is to certify that Mr. Huỳnh Trần Thế Hùng Mr.Phan Thanh Nam Mr.Đồng Duy Anh Has successfully Designed & Developed **EYEONIC** Submitted by: Phạm Thị Lánh Date of issue: November,15th 2020 Authorized Signature:

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1 ACKNOWLEDGEMENT

I would like to acknowledge all those who have given moral support and helped in making the project a success.

I wish to express my gratitude to the e-Projects Team at the Head Office, who guided and helped me. I would also like to express my gratitude to all the staff members of my center for not only providing me with the opportunity to work with them on this project, but also for their support and encouragement throughout the process.

I also express my sincere gratitude to the e-Projects Team at the Aptech Head Office and my project guide at the organization, for her valuable guidance and support for the completion of this project.

And finally, I would like to offer many thanks to all my colleagues for their valuable suggestions and constructive feedback.

2 SYNOPSIS

Eyeonic® was founded in 2011 by VSP®, a not-for-profit organization. Our roots in vision care make your overall eye health and wellness a priority. The same level of care goes into every pair of high quality eyewear and contacts we sell.

The important menu must be stated in the top section of the webpage. Also a decent look out and color combination is expected.

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..

REVIEW 1

2.1 REQUIREMENT SPECIFICATION

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

- ➤ 1) The Home Page with some description about the Eyeonic company where everybody can buy glasses products.
- ➤ 2) The website must provide information like "About us", "Department", "Facility", "Services", "Contact Us", "Vacancies", Feedback", "Success Stories".
- > 3) Each section must provide brief information.
- ➤ 4) Also each link must be properly hyperlinked, images must be used wherever necessary.
- > 5) Contact Us page must flash the address of all the location where the hospital is located. Address should be displayed using Geolocation API (eg. Google Maps).
- ➤ 6) Department details like "helpdesk", "registration", Billing and Accounts" and so on must be included.
- ➤ 7) Services like "messenger", "customer care", "shipping",...
- > 8) Feedback must be taken.
- ➤ 9) Query must be allowed to enter.

2.2 PROBLEM DEFINITION

After reading the project specifications, the developer states the scope of the project very briefly. This is referred to as the problem definition. Queries of various staff members can be one or all of the following:

- 1. How many products can be displayed on Homepage at a time?
- 2. What information should be displayed about each product in Homepage?
- 3. Will users be able to contact them when they have any questions?
- 4. Will the users be able to feedback their opinions?
- 5. Will the users be able to question about their services?

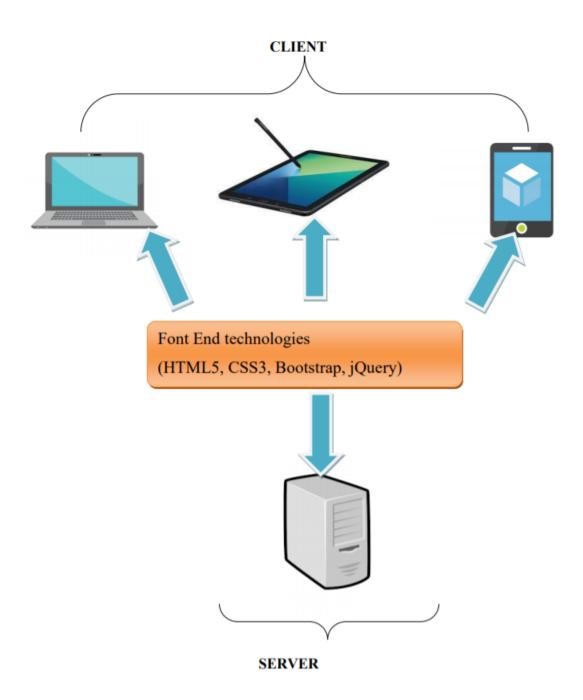
After consulting several IT companies and considering the budget constraints, the management of EYEONIC to launch the Web application as a single page responsive Web application using HTML5,

CSS3, JavaScript, Geolocation API, Web Storage, AngularJS, and Bootstrap 3.3 from getbootstrap.com, jQuery plugins, and Coffee Cup, Notepad++, or other HTML editor. Also, the site will be tested on popular browsers and mobile emulator software.

2.3 CUSTOMER REQUIREMENT SPECIFICATIONS (CRS)

- 1.Client: EYEONIC COMPANY
- 2.Business/Project Objectives:
- ➤ Provide a website to displays the programs and services about products such as: "About us", "Department", "Facility", "Services", "Glasses", "Contact Us", "lense", "Feedback"...
 - ➤ Enable customers to see what event that they would like. Easier interactive with us.
- 3.Inputs provided by clients:
 - -Inputs to the existing system.
 - -Outputs from the existing system.
 - -Process involved in the application.
 - -Expected delivery dates.
 - -List of deliverables.
- 4. Hardware Requirement:
- 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
- 5. Software Requirements:
 - Notepad/HTML editor
 - Dreamweaver
 - IE 5.0/ Netscape 6.0

2.4 ARCHITECTURE & DESIGN OF THE SYSTEM



2.5 SITEMAP

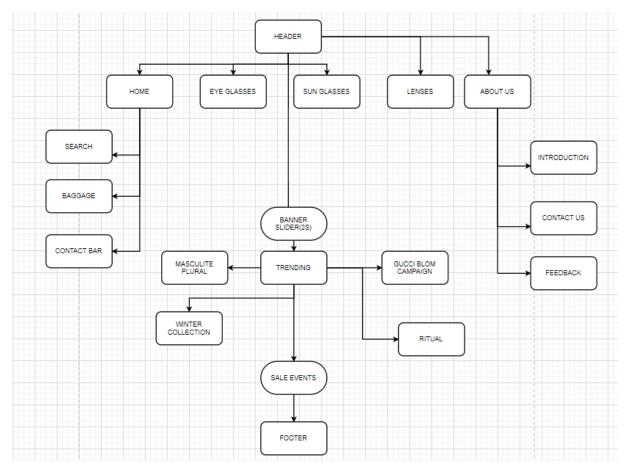


Fig 2.5

2.6 WEBSITE LAYOUTS

Here are our layouts which will show you how we brainstormed ideas for the company's web pages. Because of being academic website, we tried to build them SIMPLE but USEFUL and INFORMATIVE as much as possible.

The website is going to have several pages which include different information in the same main layout

1. HOME PAGE

1. Homepage:

This layout below describes how we created our Homepage which contain three important parts:

- Page-header and Navigation bar:

Page-header must have hospital's logo and other links like contact us, account. Search bar is optional.

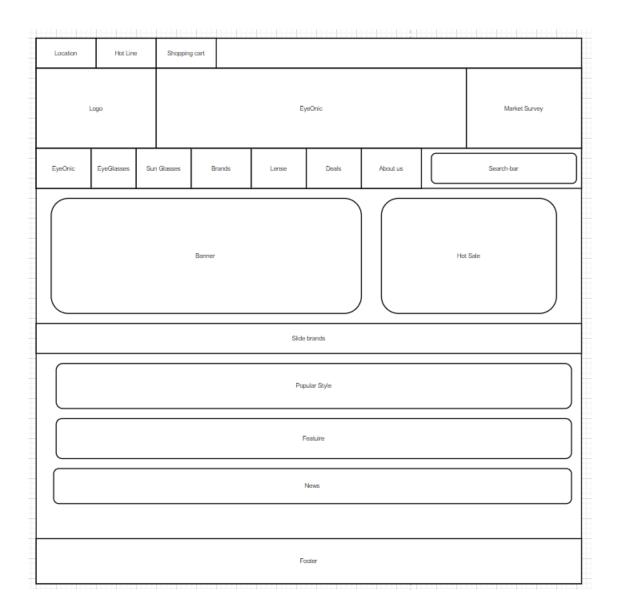
Navigation bar is one of the most crucial sections in the whole website which will indicate people how they interact with us. It provide some information like Homepage, About us, Services, Department . Each section must have brief information.

- Content:

This part is customized belong to the title of the individual websites, especially Homepage with some descriptions about the Cambridge hospital history and its summary development throughout the years.

- Footer:

The final part of all our websites is definitely Footer which will reveal some convenient ways to contact the hospital in different social channels like Email, Facebook, Twitter, Skype...



2. INFORMATIVE PAGES:

This layout we will apply for most of other pages (Contact us, Feedback, Query...) which provide people different information about the products. It also has the same Page-header, Navigation bar and Footer as Homepage, but the main content is changed. Interestingly, we will design additional sidebar with class "active" to help people enter another related website easier.

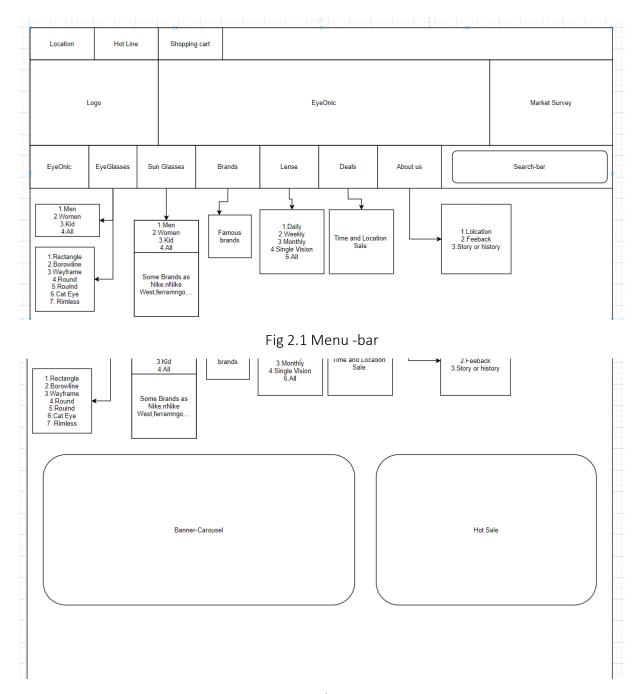


Fig 2.2 Body Lay-out



Fig 2.3 Body and Footer

3 TASK SHEET 1

| Project | Project | Activity | Date of Preparation of Activity Plan | | | | |
|-------------|---------|----------|--------------------------------------|--------|----------|-----------|--|
| Ref.No | Title | Plan | | | | | |
| | | Prepared | | | | | |
| | | by | | | | | |
| Task | | | Actual Start | Actual | Teammate | Status | |
| | | | Date | Days | Names | | |
| Create | EYEONIC | Mr.Nam | 15/10/2020 | 2 | Nam | Completed | |
| layouts for | | | | | | | |
| website | | | | | | | |
| base on | | | | | | | |
| group | | | | | | | |
| discussion | | | | | | | |
| ideas | | | | | | | |
| Draw | EYEONIC | Mr.Hùng | 17/10/2020 | 2 | Duy Anh | Completed | |
| layouts | | | | | | | |
| using Paint | | | | | | | |
| Write | EYEONIC | Mr.Duy | 17/10/2020 | 3 | Hùng | Completed | |
| project | | Anh | | | | | |
| report 1 | | | | | | | |
| Нотераде | EYEONIC | Mr.Duy | 19/10/2020 | 7 | Nam | Completed | |
| design and | | Anh | | | | | |
| coding | | Mr.Nam | | | | | |
| (include | | Mr.Hùng | | | | | |
| navigation | | | | | | | |
| bar and | | | | | | | |
| footer) | | | | | | | |

| Signature of Faculty | Signature of Leader Team |
|----------------------|--------------------------|
| | |

REVIEW 2

3.1 WEBSITE INTERFACE

1. Homepage

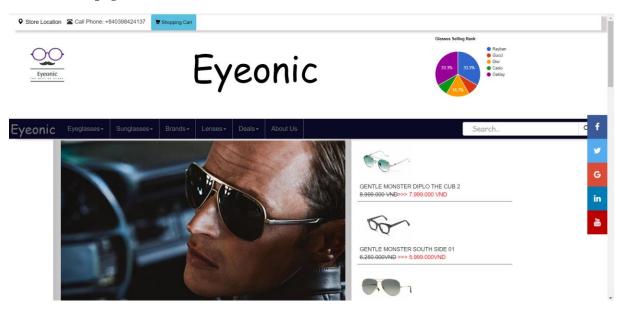


Fig1.1



Fig1.2

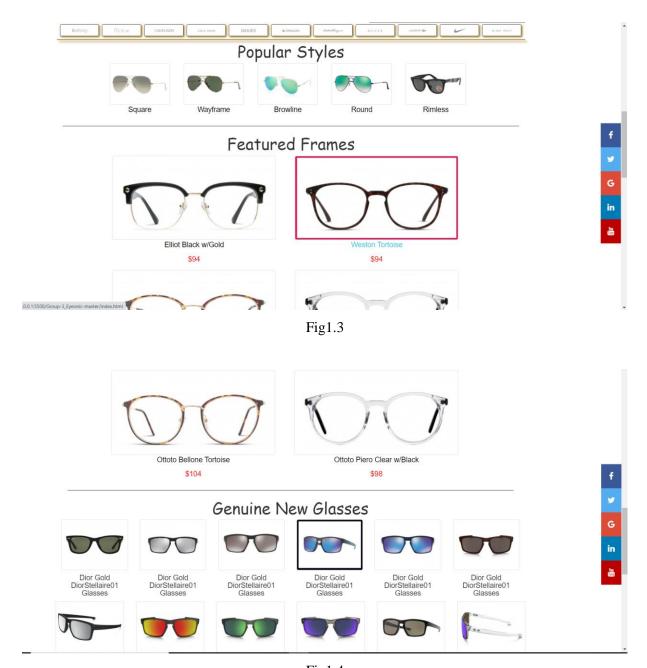


Fig1.4



Fig1.5

When patients and visitors hover the navigation bar, a menu bar will appear with its links as you see above picture.

| Title | Description | | | |
|--|--|--|--|--|
| Home - Logo Eyeonic | - Carousels which show some highlights and | | | |
| | notification about CMH. | | | |
| | - Introduction about the company | | | |
| | establishment and development. | | | |
| | - Some other news and upcoming events to | | | |
| | update latest information people concerned. | | | |
| | - Footer with different ways to contact us and | | | |
| | some related associations. | | | |
| EyeGlasses: | Show image of products (price, brands,) | | | |
| -For Gender(male,female,kid,all) | | | | |
| -For 4 brands | | | | |
| | | | | |
| SunGlasses: | Show image of products (price, brands,) | | | |
| -For Gender(male,female,kid,all) | | | | |
| -For 4 brands(Gucci, dior, Versace, rayban, all) | | | | |
| | | | | |
| Contact-Lense | Show image of products (price, brands,) | | | |

| Brands | Some Fantastic brands | |
|-------------|--|--|
| Deals | Golden day Or Big Sale | |
| Contact-us | - Our story | |
| | - Mission | |
| | - Inovation | |
| | - Location map | |
| Search-tool | Use noun to look for product you want to see | |
| | on our website | |

2. About Us & Feedback

When you click to About Us link in the Homepage, this page below will show you map to my store with Geolocation API and main contact information.

About Us



7 out of 10 adults in the U.S need eye correction. When we founded our company 10 years ago, it was very clear to see that people were overpaying for glasses as they were perceived mainly as a health necessity and the stores were taking advantage of that. Back then the variety was limited and the prices were so high that purchasing eyewear was considered a burden. This is still true in many cases and we are here to change that, to make a difference.

Set out to disrupt the traditional eyewear industry, EyeOnic.com is the largest online eyewear retailer offering a variety of both high- uality designer and house brands with a wide-range of styles and lens types including: single vision lenses, multifocal lenses, Rx sunglasses, sports glasses, kids glasses, contact lenses, digital protection, anti- effective coatings and more.

My Location



Our Store





If you don't mind, we'd love to hear from you

| Full Name | |
|--------------|----------------|
| Email | |
| Comment | |
| | |
| Country | Select V |
| Phone Number | Submit Reset |
| | Submit Reset |

3. Feedback page

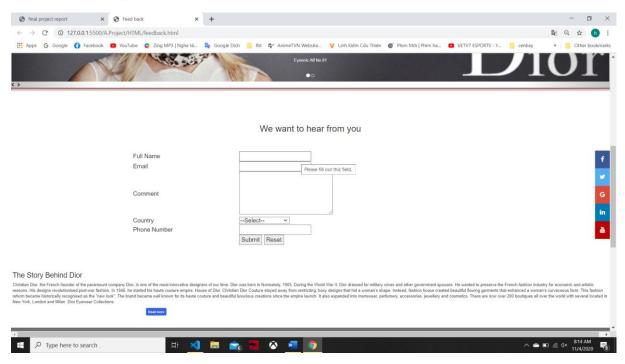


Fig 3.1

4. Footer page

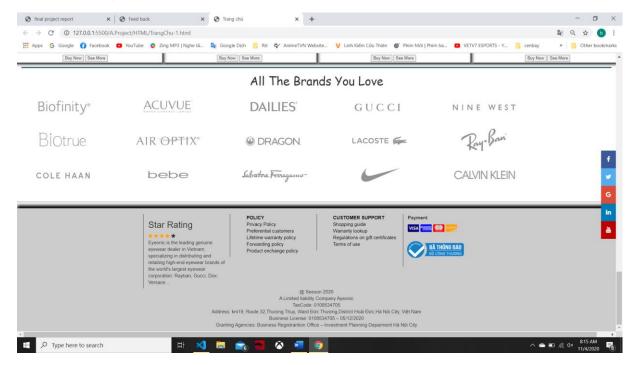


Fig 4.1

5. Sign-in tools



Fig 5.1 Sign in facebook, twiter, gmail, lindein

6. Search-tool



Fig 6.1 Search-bar

7. Survey

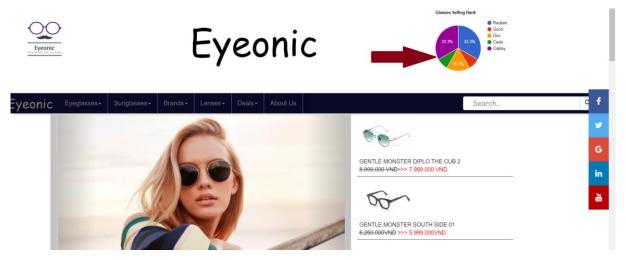


Fig 7.1

8. Layout Menu

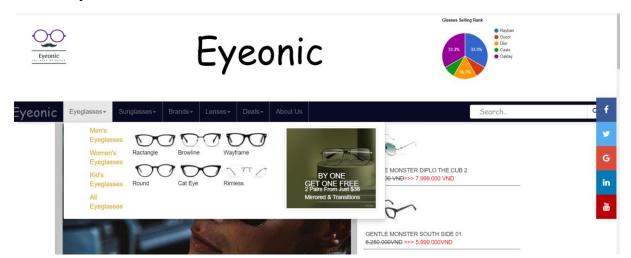


Fig 8.1

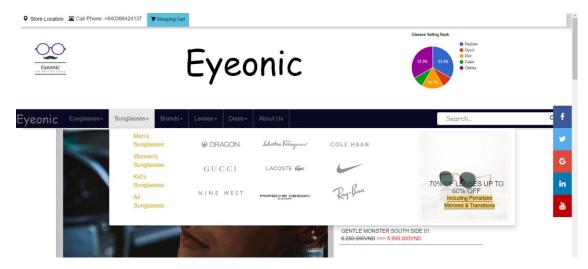
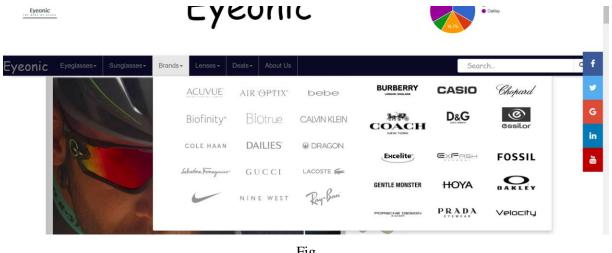


Fig 8.2



Fig

8.3

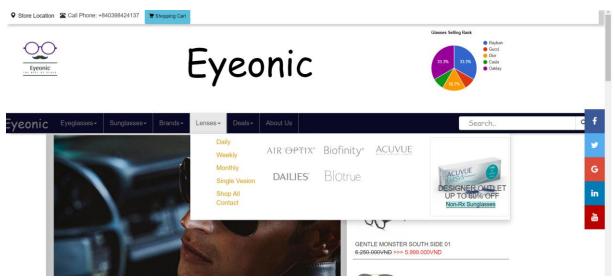


Fig 8.4

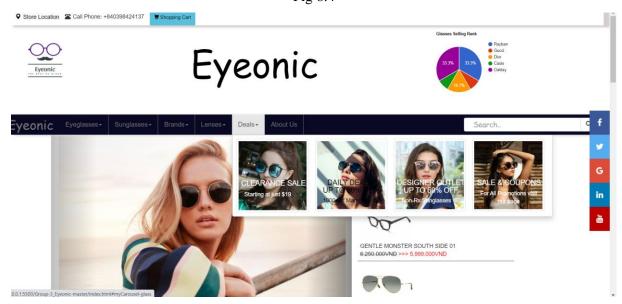


Fig 8.5

2 TASK SHEET 2

| Proje | ct Ref. No. | Project | Activity | Date of Preparation | | on of Activi | ty Plan |
|--------|-------------|---------|----------|---------------------|--------|--------------|-----------|
| Sr. No | Task | Title | Plan | Actual Start | Actual | Team | Status |
| | | | Prepared | Date | Days | mate | |
| | | | by | | | Names | |
| 1 | Design | Eyeonic | Nam | 22/10/2020 | 2 | Hùng | Completed |
| | Contact Us | | | | | | |
| | page and | | | | | | |
| | coding | | | | | | |
| | (include | | | | | | |
| | Geolocation | | | | | | |
| | API) | | | | | | |
| 2 | Design | Eyeonic | Hùng | 22/10/2020 | 3 | Hùng | Completed |
| | Feedback | | | | | | |
| | page and | | | | | | |
| | coding | | | | | | |
| 3 | Design | Eyeonic | Duy Anh | 22/10/2020 | 2 | Hùng | Completed |
| | Product | | | | | | |
| | page and | | | | | | |
| | coding | | | | | | |
| 4 | Design | Eyeonic | Hùng | 24/10/2020 | 7 | Hùng | Completed |
| | About us | | | | | | |
| | pages and | | | | | | |
| | coding | | | | | | |
| 5 | Design | Eyeonic | Nam | 30/10/2020 | 7 | Hùng | Completed |
| | Department | | | | | | |
| | pages and | | | | | | |
| | coding | | | | | | |
| 6 | Looking for | Eyeonic | Duy Anh | 5/11/2020 | 6 | Hùng | Completed |
| | Information | | | | | | |
| | Brands and | | | | | | |
| | Link | | | | | | |
| | Products | | | | | | |

| 7 | Test | Eyeonic | Hùng | 9/11/2020 | 5 | Hùng | Completed |
|---|------------|---------|------|-----------|---|------|-----------|
| | website in | | | | | | |
| | different | | | | | | |
| | browsers | | | | | | |

| Signature of Faculty | Signature of Leader Team |
|----------------------|--------------------------|
| | |

3 CHECKLIST VALIDATION

| Task No. | Requirement | Validation |
|----------|---|------------|
| 1 | The Home Page with some description about the | Yes |
| | Company like who is the founder and some of | |
| | the achievements of goals.(Also navigational link | |
| | must be included.) | |
| 2 | The website must provide information like "About | Yes |
| | us", "Sun-Glasses", "Eye-wear", "Hompage", | |
| | "Contact Us", "Feedback", "Support-tools", | |
| 3 | Each section must provide brief information | Yes |
| 4 | Also each link must be properly hyperlinked, | Yes |
| | images must be used wherever necessary. | |
| 5 | Contact Us page must flash the address of all | Yes |
| | the location where the store is located. Address | |
| | should be displayed using Geolocation API. | |
| 6 | Feedback must be taken. | Yes |

REFERRENCE

- https://www.eyeconic.com
- https://www.glassesusa.com