

Centre Name: ACE-HCMC-2-FPT.

Address: 590 Cach Mang Thang 8, District 3, Ho Chi Minh City, Viet Nam.

[GLASSES STORE]

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Group No:	2	
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4.	CHAU GIA BAO	Student 1438985

Month 04 Year 2023

This is to certify that

Mr. NGO GIA TU BINH
Mr. NGO TAN PHUC
Ms. CHAU GIA BAO
Mr. NGUYEN PHUC NGUYEN CHUONG

Have successfully Designed & Developed

GLASSES STORE

Submitted by: **Ms. PHAM THI LANH**

Date Of Issue: April, 2023

Content

Content	3
Acknowledge	5
Synopsis	5
REVIEW 1	6
Problem Definition.....	6
Customer Requirements Specifications.....	7
Architecture and Design of the project.....	8
Site map.....	8
Website Design Layout	9
I. Homepage.....	9
II. Sign in.....	11
III. Sign up.....	12
IV. Product Category/Search Page	12
V. Product Detail	13
VI. Cart Dropdown.....	14
VII. Check out	14
VIII. Contact.....	15
IX. About	15
Task Sheet.....	16
REVIEW 2	17
WEBSITE USER INTERFACE	18
I. Homepage.....	18
II. Sign in.....	21
III. Sign up.....	21
IV. Product Category/Search Page	22
V. Product Comparison	24
VI. Product Detail	25
VII. Cart Dropdown.....	26

VIII.	Check out	26
IX.	Contact.....	27
X.	About	28
	Task Sheet.....	29
	Testing document	30
	Final checklist.....	31

Acknowledge

We appreciate that eProject provides a learning platform that mimics classroom and lab-based environments. It allows us to practice step by step and develop more robust applications. We learned how to implement concepts in a phased manner, enhance skills, work on real-life projects, and receive mentoring through email support. We extend our gratitude to our professor and fellow students for their support during the project. Despite some mistakes, we look forward to more opportunities to expand our knowledge in web development.

Thank you for providing us with valuable information and the "demo" project from India APTECH, which gave us a more realistic experience. We will continue to learn and strive for success in the future.

Sincerely,

Team Group 02.

Synopsis

- The objective of this program is to provide a sample project for real-life application development.
- The focus is not on teaching HTML/JavaScript but on creating basic applications using these tools in a real-life scenario.
- Students should review relevant topics before starting the project.
- This project is intended for students who have completed the HTML5 module and should be completed in the Lab sessions with faculty assistance if needed.
- The website created in this project serves as a tool for the company to expand into international markets and gain new customers.
- It is essential for students to have a clear understanding of the subject matter.

REVIEW 1

Problem Definition

GlassesStore has a store for glasses. They want to expand their business online and create a website to showcase their products. The website should be easy for consumers to navigate and find the right product to meet their needs.

A website needs to be designed to display various glasses available with the store. Details of locations using GeoLocation API (eg. GoogleMaps), feedback must be included.

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.

Here are some problems need to be resolved:

1. With the changing environment, more and more customers are interested in shopping online and this issue leads to the situation that customers want to find information about various products easily on the Glasses Store website and purchase the right product that meets their needs.
2. Many customers are unfamiliar with the product range, leading to mismatches between their expectations and delivered products, resulting in wastage of time, resources, and delivery costs.
3. Online customers have a preference for reading reviews before purchasing specific products.
4. Existing customers requiring help and support on products after installation should have easy access to contact Glasses Store through phone or email. Additionally, some customers may prefer to visit the physical store to view products before making a purchase decision.

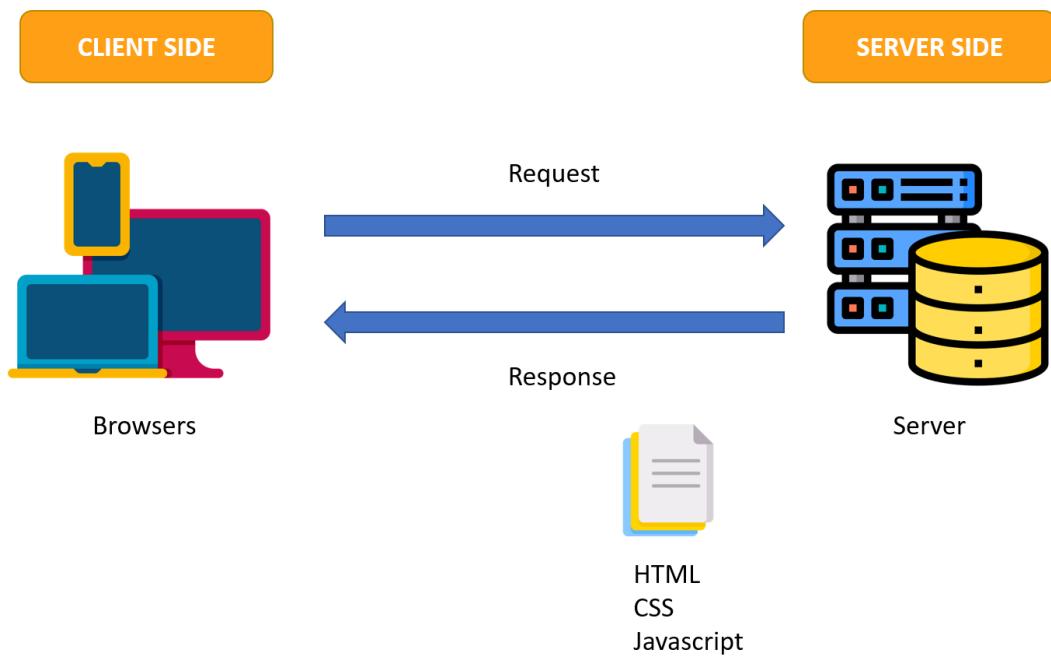
Customer Requirements Specifications

USER:
Input:
<ul style="list-style-type: none">● Input consumer's address of residence or office● Send questions/requests to the company
Process:
<ul style="list-style-type: none">● Process consumer's address data● Collect questions/requests sent by consumers
Output:
<ul style="list-style-type: none">● Show the store address to consumers● Reply to the consumer's requests/questions

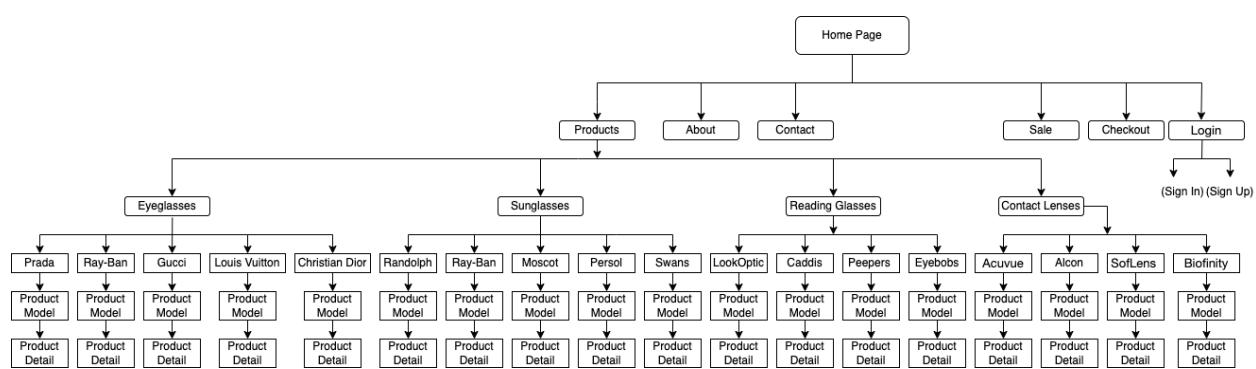
WEBMASTER:
Input:
<ul style="list-style-type: none">● Control website database, input product information,...
Process:
<ul style="list-style-type: none">● Analyse website
Output:
<ul style="list-style-type: none">● Website interface, images, forms, ...● Giving interaction

HARDWARE / SOFTWARE REQUIREMENT:
Software:
<ul style="list-style-type: none">● HTML editor● Javascript
Hardware:
<ul style="list-style-type: none">● A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better● 64 Megabytes of RAM or better

Architecture and Design of the project



Site map



Website Design Layout

I. Homepage

The homepage layout is organized into several main sections:

- Header:** A top navigation bar with a logo (glasses icon), menu items (Products, Sale, About, Contact), and user/account icons.
- Header Content:** A large central area labeled "Home" containing placeholder content.
- New Arrival Section:** A grid of four products labeled "Ray-ban".
 - Product 1: 5 stars, \$220.000 d, Add to Cart button.
 - Product 2: 4.5 stars, \$48 d - \$35 d, Add to Cart button.
 - Product 3: 5 stars, \$32 d, Add to Cart button.
 - Product 4: 5 stars, \$78 d - \$70 d, Add to Cart button.
- Best Sellers Section:** A grid of four products labeled "Ray-ban".
 - Product 1: Sale!, 5 stars, \$220.000 d, Add to Cart button.
 - Product 2: 5 stars, \$48 d - \$35 d, Add to Cart button.
 - Product 3: Sale!, 5 stars, \$32 d, Add to Cart button.
 - Product 4: 5 stars, \$78 d - \$70 d, Add to Cart button.

Eyeglasses

Show more >>>

Ray-ban
☆☆☆☆☆

220.000 ₮

 ADD TO CART

Ray-ban
☆☆☆☆☆

48 ₮ 35 ₮

 ADD TO CART

Ray-ban
☆☆☆☆☆

32 ₮

 ADD TO CART

Ray-ban
☆☆☆☆☆

78 ₮ 70 ₮

 ADD TO CART

Sunglasses

Show more >>>

Ray-ban
☆☆☆☆☆

220.000 ₮

 ADD TO CART

Ray-ban
☆☆☆☆☆

48 ₮ 35 ₮

 ADD TO CART

Ray-ban
☆☆☆☆☆

32 ₮

 ADD TO CART

Ray-ban
☆☆☆☆☆

78 ₮ 70 ₮

 ADD TO CART

Reading Glasses

Show more >>>

Ray-ban
☆☆☆☆☆

220.000 ₮

 ADD TO CART

Ray-ban
☆☆☆☆☆

48 ₮ 35 ₮

 ADD TO CART

Ray-ban
☆☆☆☆☆

32 ₮

 ADD TO CART

Ray-ban
☆☆☆☆☆

78 ₮ 70 ₮

 ADD TO CART

Contact Lenses

Show more >>>

Ray-ban
☆☆☆☆☆

220.000 ₮

 ADD TO CART

Ray-ban
☆☆☆☆☆

48 ₮ 35 ₮

 ADD TO CART

Ray-ban
☆☆☆☆☆

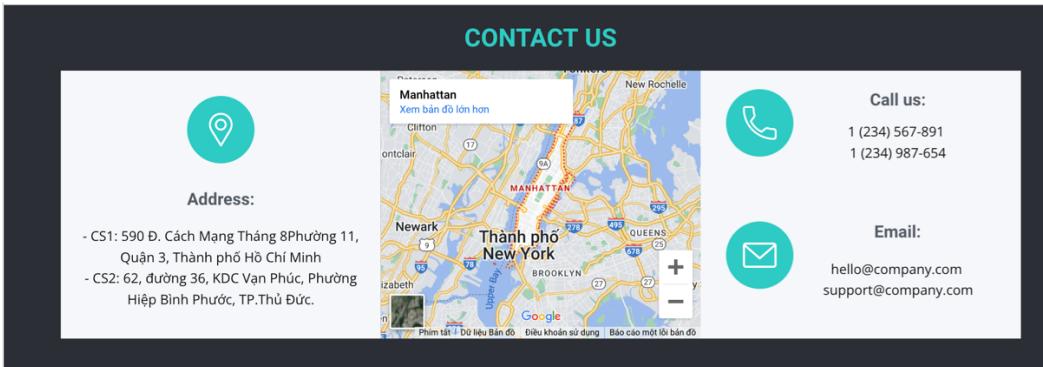
32 ₮

 ADD TO CART

Ray-ban
☆☆☆☆☆

78 ₮ 70 ₮

 ADD TO CART



Description: This is a homepage of Glasses Store, the top of this page is a header, after that is a navigation bar. The main part of a homepage beside the slider also includes 4 sections: new arrial, best sellers and four glasses types (Eyeglasses, Sunglasses, Reading Glasses, Contact Lenses). The footer of a homepage has 3 sections: Address, map and contact information.

II. Sign in

Log In

Need a account? [Create an account](#)

Username or Email

Password Show

Keep me logged in

Log In

[Forgot password?](#)

Description: When the user clicks on the human icon in the header, it leads to a sign in page. This form requires the user to enter an email address and a password. After clicking the login button, the user will be redirected to the homepage.

III. Sign up

Sign up

Create a free account or [log in](#)

Email

Username

Password

 [Show](#)

Sign Up

Description: If the user hasn't created an account, he/she can click to Create new account in the sign in page and it will lead to this sign up page. This sign up form requires the user to enter 3 fields: email, username and password. After clicking the sign up button the user will be redirected to the homepage.

IV. Product Category/Search Page

Home > Product

Brand Brand Brand Brand

Category	Product Name	Rating	Price	Action
Sunglasses	Party Sunglass	★★★★★	45 ₮	ADD TO CART
	Ray-ban	★★★★★	70 ₮	ADD TO CART
	Ray-ban	★★★★★	35 ₮	ADD TO CART
Sunglasses	Party Sunglass	★★★★★	50 ₮	ADD TO CART
	Ray-ban	★★★★★	200 ₮	ADD TO CART
	Ray-ban	★★★★★	220.000 ₮	ADD TO CART

DEFAULT SORTING

- ✓ DEFAULT SORTING
- SORT BY POPULARITY
- SORT BY AVERAGE RATING
- SORT BY LATEST
- SORT BY PRICE: LOW TO HIGH
- SORT BY PRICE: HIGH TO LOW

FILTER BY PRICE

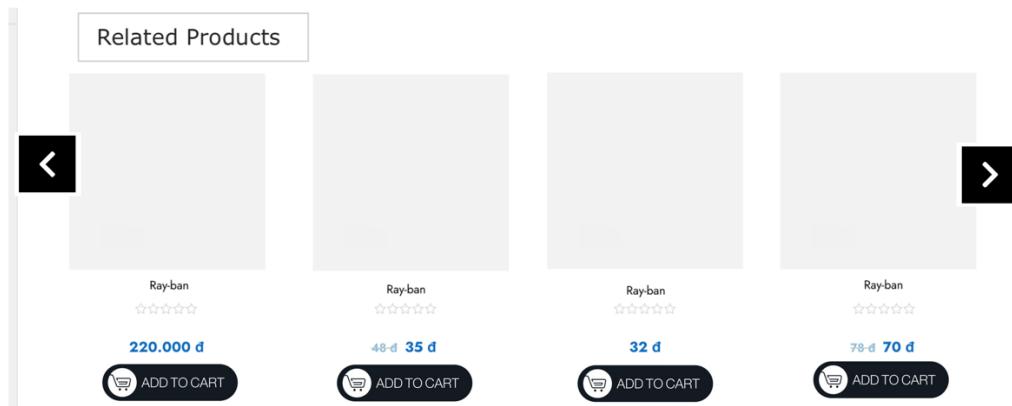
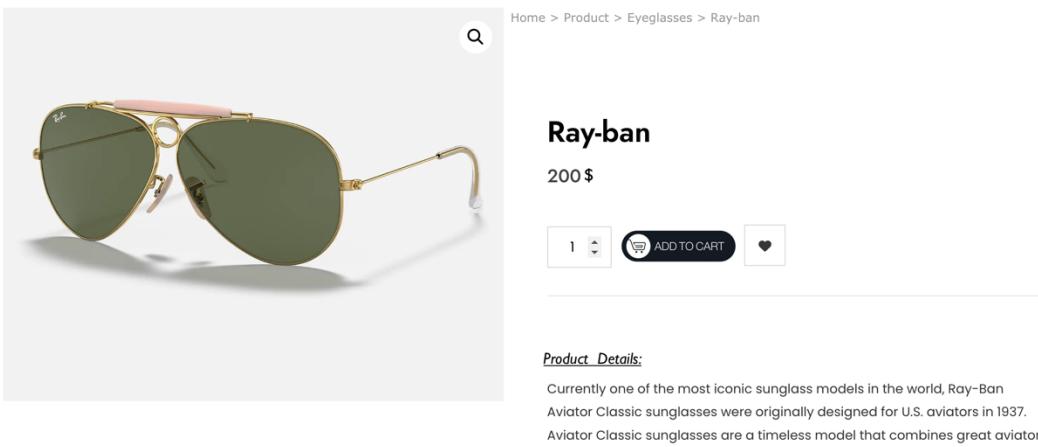
Filter Price: 100\$ - 1000\$

FILTER BY TYPE

Type	Count
Eyeglasses	(100)
Sunglasses	(68)
Reading Glasses	(79)
Contact Lenses	(59)

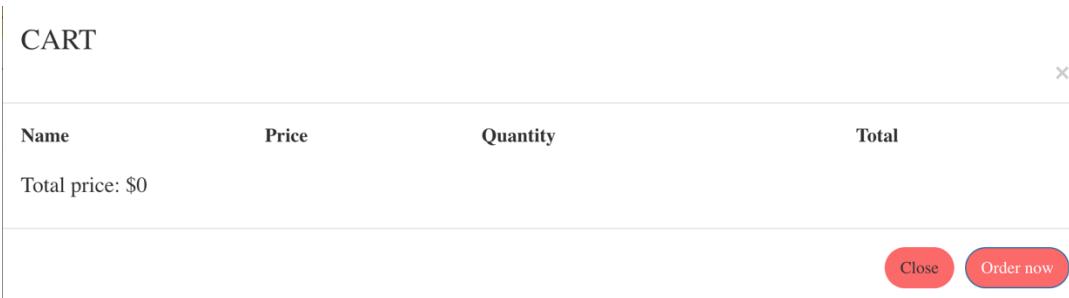
Description: When the user clicks on a specific category in the sub menu of the Products tag on navigation, it will lead to this page. The left part is a filter which contains filters by: glasses types, brands, rating and price. The right part is a result of a specific product.

V. Product Detail



Description: When the user clicks on a specific product it will lead to this product detail page. Beside in detail information about the product, it also contains Call to Action buttons Buy now. The last part of this page is the Related Products section.

VI. Cart Dropdown



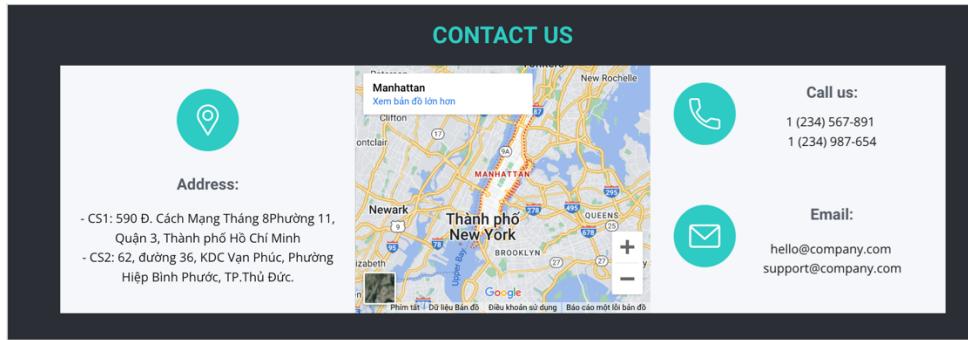
Description: When the user clicks on the cart icon in the header, the cart information will appear. It includes products that users have already added to cart, the user can select all items or remove items which they don't have the intention to buy.

VII. Check out

A screenshot of a "Checkout" page. At the top center is the word "Checkout". At the top right is a close button (an "X"). The page is divided into two main sections: "Billings Details" on the left and "Your Order" on the right. In the "Billings Details" section, there are fields for First Name, Last Name, Country (with a dropdown menu showing "Item 1"), Address, Phone, Email, and Order notes. In the "Your Order" section, there is a table with two rows: "Subtotal" (\$281.00) and "Total" (\$281.00). Below these sections are "Payment method" options (radio buttons for "Payment on delivery" and "VISA" with a credit card icon), a field for "Card number", and payment method buttons for "PayPal" and "Credit Card". There is also a "Card holder" field, "Expiration date" field (showing "DD/MM/YY"), and a "CVC" field. Under "Order notes", there is a note about special delivery requests. At the bottom is a "Confirmation" section with a note about getting the order ready, a checkbox for agreeing to terms and privacy policy, and a "Complete Order" button.

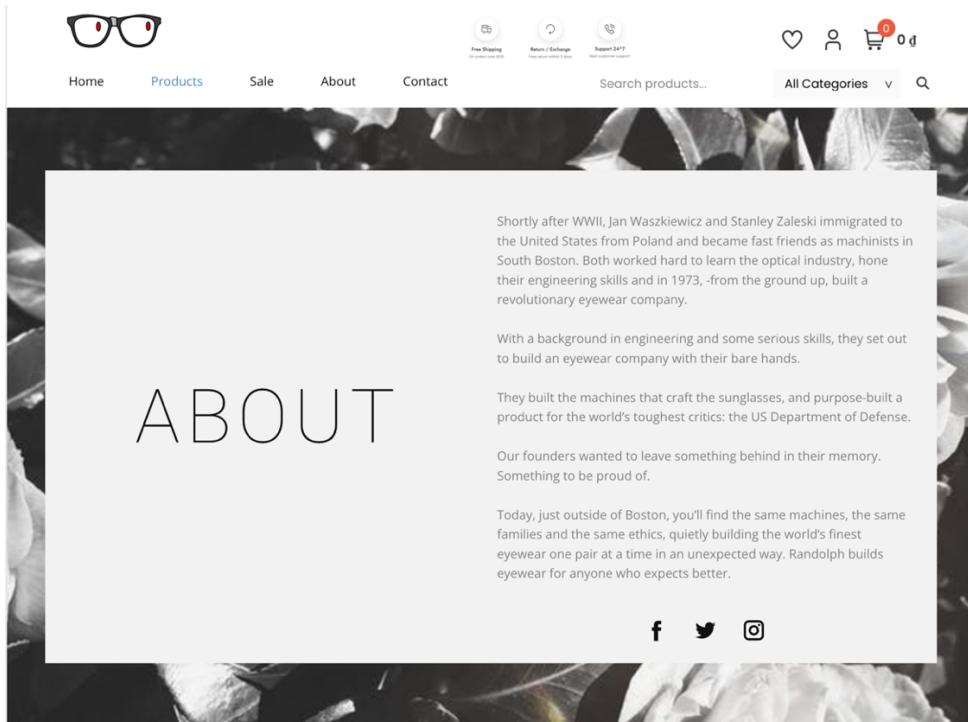
Description: After clicking the Check out button on the Cart or Buy now button in Product Detail Page, the user will be redirected to this checkout page. The left part of this page contains a form which requires the user to enter and the other side is the Order summary.

VIII. Contact



Description: After clicking the Contact tag on the navigation bar, the user will be redirected to this page. The first part of this page is a map, beside it is a detailed location of Glasses Store's Branches. The last part of this page is a Send information form to send their information to Glasses Store.

IX. About



Description: After the user clicks on the About tag on the navigation bar, it will lead to this about page. This page contains detailed information about Glasses Store.

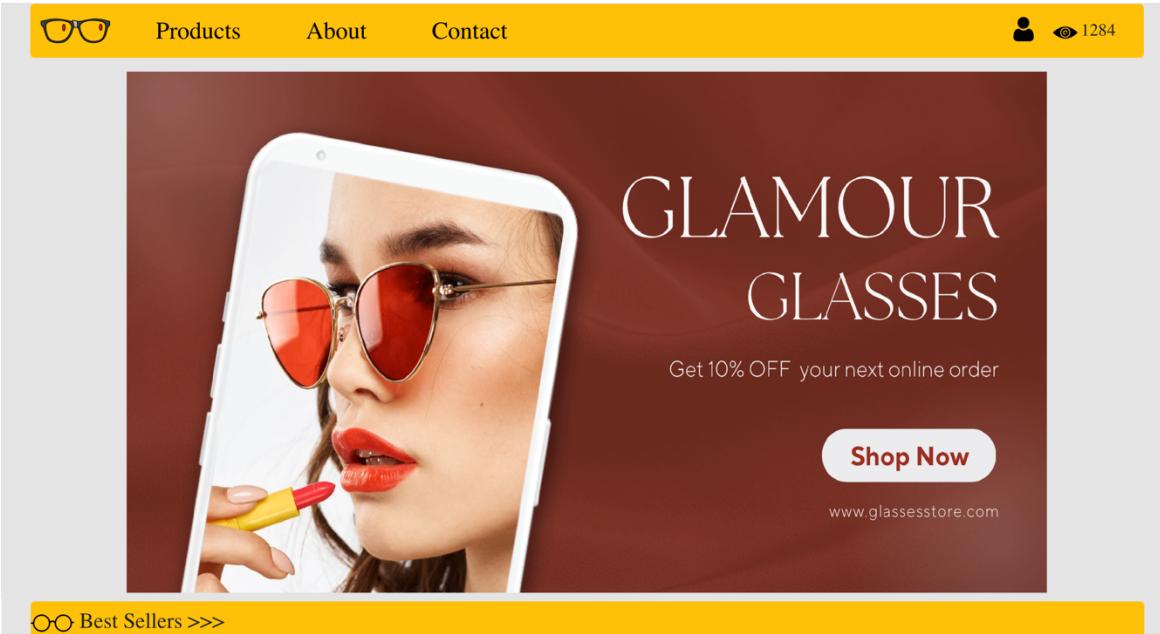
Task Sheet

Project Ref No.	Project Title – Ask Me Mobile	Activity Plan Prepared by	Date of preparation of Activity Plan			
			Actual Start Date	Actual Days	Teammate Names	Status
Brainstorming ideas for layouts and Project Object		Binh, Phuc, Bao, Chuong	11/03/2023	1 days	Binh, Phuc, Bao, Chuong	Completed
Draw site maps and architecture design		Binh, Phuc, Bao, Chuong	14/03/2023	1 days	Binh, Phuc, Bao, Chuong	Completed
Wire framing general page layout		Binh	16/03/2023	3 days	Binh	Completed
Collect static assets (pictures, documentation,...)		Phuc, Bao, Chuong	16/03/2023	5 days	Phuc, Bao, Chuong	Completed

REVIEW 2

WEBSITE USER INTERFACE

I. Homepage



The screenshot shows the homepage of a sunglasses store. At the top, there's a yellow header bar with a logo of sunglasses, navigation links for "Products", "About", and "Contact", and a user icon with "1284". Below the header is a large banner featuring a woman applying red lipstick while wearing sunglasses, with the text "GLAMOUR GLASSES" and a discount offer: "Get 10% OFF your next online order". A "Shop Now" button and the website URL "www.glassesstore.com" are also present. Below the banner is a yellow bar labeled "Best Sellers >>>". The main content area displays four pairs of sunglasses in a grid:

			
TV PARTY \$95 VIEW PRODUCT	MOSCOT TINIF SUN \$370 VIEW PRODUCT	RAY BAN CLUBMASTER CLASSIC \$163 VIEW PRODUCT	MOSCOT MILTZEN SUN \$340 VIEW PRODUCT

OO Eyeglasses >>>



PRADA PR 04WV

\$288

[VIEW PRODUCT](#)



PRADA PR 51YV

\$713

[VIEW PRODUCT](#)



GUCCI GG0241O

\$625

[VIEW PRODUCT](#)



GUCCI GG0025O

\$350

[VIEW PRODUCT](#)



DIOR STELLAIRE OI

\$82

[VIEW PRODUCT](#)



DIOR CD3025

\$63

[VIEW PRODUCT](#)



RAY BAN RX0316V

\$110

[VIEW PRODUCT](#)



RAY BAN RX5283

\$100

[VIEW PRODUCT](#)

OO Sunglasses >>>



RANDOLPH P3-23K

\$395

[VIEW PRODUCT](#)



RAY BAN RB3558

\$180

[VIEW PRODUCT](#)



MOSCOT TINIF SUN

\$370

[VIEW PRODUCT](#)



PERSOL PO0649 24/BL

\$220

[VIEW PRODUCT](#)



PERSOL ER-2 ER2-0170

\$215

[VIEW PRODUCT](#)



RAY BAN CLUBMASTER CLASSIC

\$163

[VIEW PRODUCT](#)



MOSCOT MILTZEN SUN

\$340

[VIEW PRODUCT](#)



RANDOLPH ELINOR FUSION

\$340

[VIEW PRODUCT](#)

OO Reading Glasses >>>



LAUREL READERS

\$68

[VIEW PRODUCT](#)



MIKLOS READING GLASSES

\$99

[VIEW PRODUCT](#)



TV PARTY

\$95

[VIEW PRODUCT](#)



PEEPERSPECS

\$49.99

[VIEW PRODUCT](#)

OO Contact Lenses >>>



ACUVUE OASYS

\$49.99

[VIEW PRODUCT](#)



ALCON AIR OPTIC COLORS

\$19.99

[VIEW PRODUCT](#)



SOFLENS NATURAL COLORS

\$24.99

[VIEW PRODUCT](#)



BIOFINITY MULTIFOCAL

\$49.99

[VIEW PRODUCT](#)

CONTACT US



Address:

- CS1: 590 D. Cách Mạng Tháng 8 Phường 11, Quận 3, Thành phố Hồ Chí Minh
- CS2: 62, đường 36, KDC Vạn Phúc, Phường Hiệp Bình Phước, TP.Thủ Đức.



Call us:

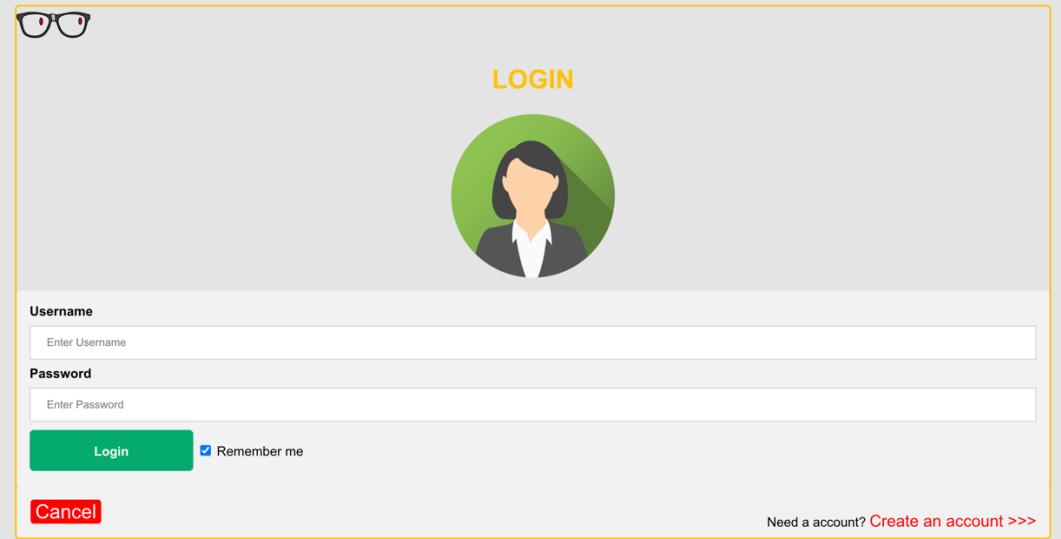
1 (234) 567-891
1 (234) 987-654



Email:

hello@company.com
support@company.com

II. Sign in



The login interface features a placeholder icon of a person wearing glasses in the top left corner and a placeholder icon of a user profile in the top right corner. The word "LOGIN" is centered above a circular placeholder for a user profile picture.

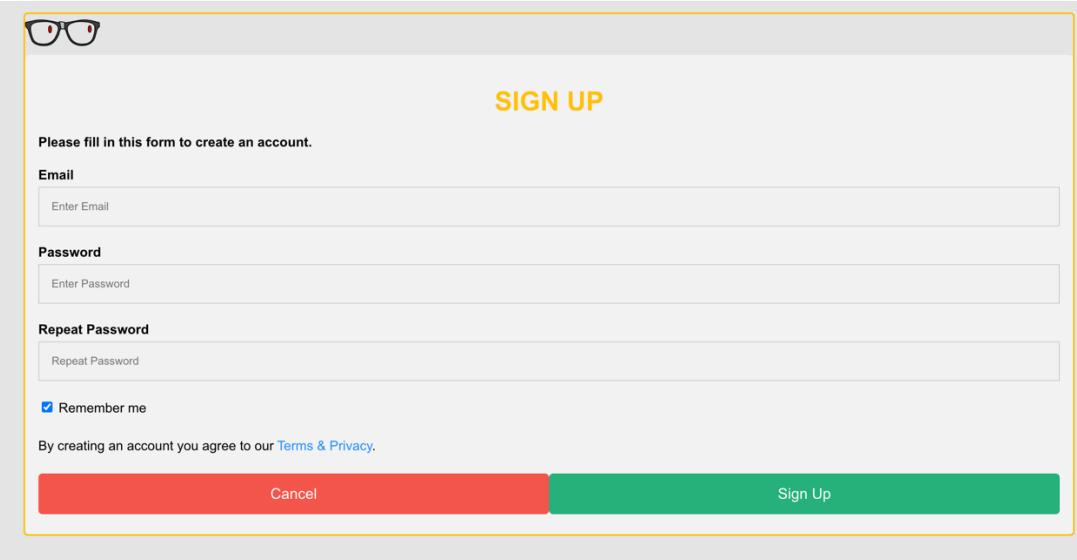
Username
Enter Username

Password
Enter Password

Remember me

Need a account? [Create an account >>](#)

III. Sign up



The sign-up interface features a placeholder icon of a person wearing glasses in the top left corner and a placeholder icon of a user profile in the top right corner. The word "SIGN UP" is centered above a circular placeholder for a user profile picture.

Please fill in this form to create an account.

Email
Enter Email

Password
Enter Password

Repeat Password
Repeat Password

Remember me

By creating an account you agree to our [Terms & Privacy](#).

IV. Product Category/Search Page

About Contact

PRODUCTS

Categories

- Eyeglasses
- Sunglasses
- Reading Glasses
- Contact Lenses

PRADA PR 04WV
Price: \$ 288

ADD TO CART

PRADA PR 51YV
Price: \$ 713

ADD TO CART

GUCCI GG0241O
Price: \$ 625

ADD TO CART

GUCCI GG00250
Price: \$ 350

ADD TO CART

DIOR STELLAITEO11
Price: \$ 82

ADD TO CART

DIOR CD3025
Price: \$ 63

ADD TO CART

 Eyeglasses >>>

 PRADA PR 04WV \$288 VIEW PRODUCT	 PRADA PR 51YV \$713 VIEW PRODUCT	 GUCCI GG0241O \$625 VIEW PRODUCT	 GUCCI GG0025O \$350 VIEW PRODUCT
			

About Contact 

PRODUCTS

BRAND

- Prada
- Gucci
- Dior
- Ray Ban

 PRADA PR 04WV Price: \$ 288 ADD TO CART	 PRADA PR 51YV Price: \$ 713 ADD TO CART	 GUCCI GG0241O Price: \$ 625 ADD TO CART
 GUCCI GG0025O Price: \$ 350 ADD TO CART	 DIOR STELLAITEO11 Price: \$ 82 ADD TO CART	 DIOR CD3025 Price: \$ 63 ADD TO CART

V. Product Comparison

Categories

- Eyeglasses
- Sunglasses
- Reading Glasses
- Contact Lenses



PRADA PR 04WV
Price: \$ 288



PRADA PR 51YV
Price: \$ 713



GUCCI GG0241O
Price: \$ 625

Added for comparison

 prada pr 04wv
 prada pr 51yv
 gucci gg0241O
Compare

Features	
Name	
Price	\$288
Description	<p>These glasses from Prada feature a classic rectangular frame with a modern twist. The frame is made of high-quality acetate and has a tortoise shell pattern. The temples are embellished with the Prada logo and have a metal accent for added style.</p>


prada pr 51yv
\$713
<p>These Prada glasses have a unique frame shape that is both bold and modern. The frame is made of high-quality metal and has a semi-rimless design. The temples feature the iconic Prada logo and have a sleek, streamlined look.</p>


gucci gg0241O
\$625
<p>These glasses from Gucci are a stylish choice for those who want a classic look with a modern twist. The frame is made of high-quality acetate and has a square shape with rounded edges. The temples feature the iconic Gucci logo and have a bold, oversized design.</p>

24

VI. Product Detail

Products About Contact Cart 5 User

PRODUCT DETAIL



MOSCOT TINIF SUN

Price: \$ 370

These Moscot sunglasses have a classic design that is both timeless and sophisticated. The frame is made of high-quality acetate and has a round shape with a bold, oversized look. The lenses are tinted for added style and protection from the sun.

[ADD TO CART](#)

PRODUCT REVIEWS

Your rating

★★★★★

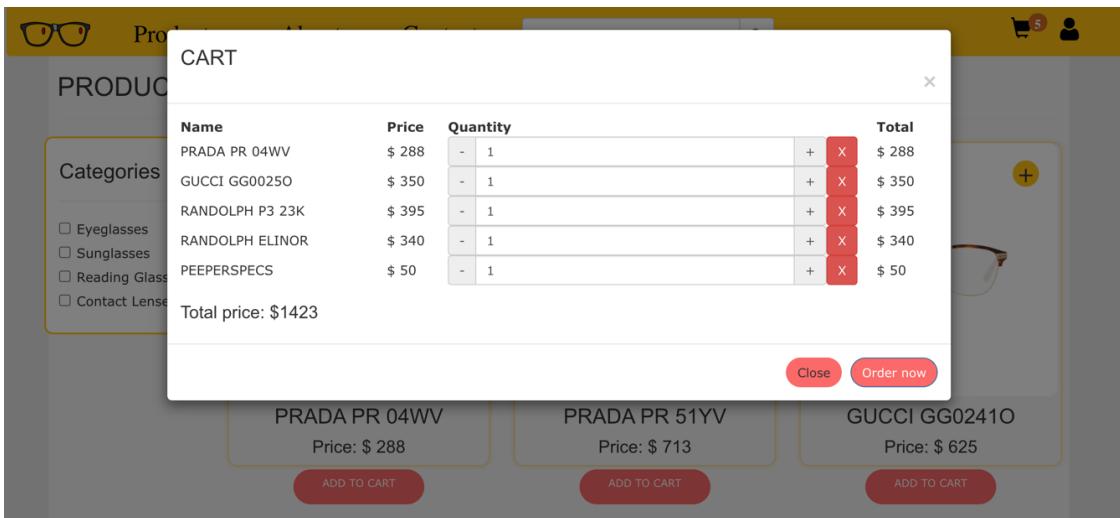
Name:

Email:

Comment:

[Submit](#)

VII. Cart Dropdown



VIII. Check out

CHECKOUT

Billing Address

Full Name
John M. Doe

Email
john@example.com

Address
542 W. 15th Street

City
New York

State
NY

Zip
10001

Shipping address same as billing

Payment

Accepted Cards

Name on Card
John More Doe

Credit card number
1111-2222-3333-4444

Exp Month
September

Exp Year
2018

CVV
352



Products About



Your Order Complete !

You will be receiving a confirmation email with details.

[RETURN TO HOME PAGE](#)

IX. Contact

CONTACT US



- Store 1: 590 Cach Mang Thang 8, P.11, Q.3, Ho Chi Minh City
- Store 2: 62 Street 36, KDC Van Phuc, P.Hiep Bin Phuoc, Thu Duc City.



Tell: 1 (234) 567-891

Tell: 1 (234) 987-654



First Name

Last Name

Subject

7/4/2023 | 19:22:53 |

X. About

BECAUSE SIGHT WITH GLASSES STONE

Discover a unique eye care experience tailored to your needs. Join Glasses Stone as she explores the latest eyewear collections and an assortment of quality lenses in-store. Our experts are there to guide her every step of the way, helping her find the perfect vision solution for her eyes and lifestyle.

BECAUSE STYLE IS UNIQUE

Find the trendiest frames, from Ray-Ban to GUCCI and many others. No matter what style or brand you're looking for, we have year-long must have frames from top designer brands. Just the answer you're looking for.

BECAUSE EYE CARE

It's important to book a comprehensive annual eye exam to stay up to date with changes in your vision. Find out more about how to maintain your family's eye health and why children's eye care is essential for their development.



Task Sheet

Project Ref No.	Project Title – Ask Me Mobile	Activity Plan Prepared by	Date of preparation of Activity Plan			
			Actual Start Date	Actual Days	Teammate Names	Status
Brainstorming ideas for layouts and Project Object		Binh, Phuc, Bao, Chuong	11/03/2023	1 days	Binh, Phuc, Bao, Chuong	Completed
Draw site maps and architecture design		Binh, Phuc, Bao	14/03/2023	1 days	Binh, Phuc, Bao	Completed
Wire framing general page layout		Binh	14/03/2023	3 days	Binh	Completed
Collect static assets (pictures, documentation,...)		Chuong, Bao	16/03/2023	5 days	Chuong, Bao	Completed
Design & Build Homepage		Binh	23/03/2023	8 days	Binh	Completed
Design & Build Sign in		Phuc	25/03/2023	5 days	Phuc	Completed
Design & Build Sign up		Phuc	25/03/2023	5 days	Phuc	Completed
Design & Build Product Category/Search Page		Binh	25/03/2023	5 days	Binh	Completed
Design & Build Product Detail		Chuong	23/03/2023	4 days	Chuong	Completed
Design & Build Cart Dropdown		Chuong	25/03/2023	2 days	Chuong	Completed
Design & Build Check out		Phuc	28/03/2023	5 days	Phuc	Completed
Design & Build Contact		Bao	23/03/2023	5 days	Bao	Completed
Design & Build About		Phuc	23/03/2023	3 days	Phuc	Completed
Product Comparison		Binh	28/03/2023	1 days	Binh	Completed
Write Project Report		Binh	04/04/2023	1 days	Binh	Completed

Testing document

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

Final checklist

Sr.No	Features Tested	Remarks
1	Are all the users able to view the images and links?	OK
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	OK
3	Are the GUI content devoid of spelling mistakes?	OK
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9	Are all the images and links clearly visible on the page?	OK
10	Does the Web page work properly in all the tested browsers?	OK
11	Does the Web page take too long to be loaded fully?	OK
12	Is the navigation sequences correct through all the Web pages on the site?	OK
13	Is the JavaScript code working as expected in all click	OK