Persol

Supervisor:	*LÊ THANH NHÂN*
Semester:	*01*
Batch No:	*T5.2410.E0*
Group No:	*05*

Order:	Full name	Roll No.
1.	*Tran Phuc Khang*	*Student1614879*
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3.	*Nguyen Kim Minh*	*Student1614880*
4.	*Nguyen Anh Duc*	*Student1614894*

***Month**: 01 **Year**: 2025*

This is to certify that

Mr.	**Tran Phuc Khang**
Mr.	**Mai Thanh Dat**
Mr.	**Nguyen Kim Minh**
Mr.	**Nguyen Anh Duc**

Have successfully Designed & Developed

Persol

Submitted by:

Mr. LE THANH NHAN

Date Of Issue:

Authorized Signature:

Content

Acknowledgement

I would like to express my gratitude and appreciation to all those that my achievement currently by directly or indirectly during 1 – month to complete this project. A special thanks to my colleages who supports, idea suggestion and encouragement as well as promote me to coordinate my project especially in writing this report to accomplish the "Persol" web designing.

I would like to acknowledge with much appreciation the critical role of FPT APTECH 's staffs, who create the innovated and technical environment to all the student of the center have opportunities in applying the knowledge in practice, the work team skill and so forth. Plus, a special thanks to our parents for their endless love, care and have most assistances and motivation us for the whole of our life.

As last but not least, a great deal of thanks to the supervisor of the project, Mr. Le Thanh Nhan, who is full of energy, effort in guiding class in achieving the goal in the report such as web designing languages, methods, give standard formats in website designing sector as well as encouragement to maintain progress in track. Hence, I give my appreciation to other supervisor who indicate comment and tips in understanding the lectures, presentation formats that has improved our presentation skill.

Yours Sincerely,

Team Group 05.

Abtract

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

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

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

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

The website (Persol) is a tool that brings everything in the world to you such as historic monuments information natural knowledge or skill in technology...

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

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

Introduction

The development of Infomation Technology (IT) has been in recent years which contributed some large changes in industry and economic sector as making our life become better in quality in comparison with previous decades. Therefore, our desire that utilize and can apply IT which makes our life more convivence, in community and larger than in this contemporary society with full of social media as well as innovated inventions and so forth.

In this project, there is mainly make use of which we learn, understand and aware the knowledge what we have studied. Thus, the eProject that is a step-by-step learning environment that closely simulates the classroom and Lab based learning environment into actual implementation. It is a project implementation that helps:

- Practice step by step i.e. laddered approach.
- Build a larger more robust application.
- Usage of certain utilities in applications designed by user.
- Single program to unified code leading to a complete application.
- Learn implementation of concepts in a phased manner.
- Enhance skills and add value.
- Work on real life projects.
- Give a real-life scenario and help to create applications more complicated and useful.
- Mentoring through email support.

This report presents the concept of Web Designing. Especially, building a practical model and how to design a web for "*Persol*" company which selling a various type of Lenses and Frames.

REVIEW 1

Problem Definition

Beginning with the development of Information Technology (IT). More and more people can easy use Internet to serve theirs demands in live. Especially, in present, mobiles and internet as soon as became famous in almost our lives. Thus, introducing and advertising the new products became necessary for almost companies in the markets.

The "Persol" company is selling a various type of Lenses and Frames. They want to sell their products by launching a website where people will get all the information about the various products available with them easily. By finding us, customers can use their browsers such as Chrome, IE, Firefox, etc,.. for buying or looking for about our products information as glasses, lenses, frames, contact lenses, sunglasses,.. in our Website.

Coming to our website, customers can find the Frames and Lenses which comes from the famous Brands. Our products including variety of designs, nice designing, price comparison with another competitors on the market. If the customers want to be became a Persol's member, they can easily to register the account. Which become a member of Persol having some benefits :

+ Price discount upto 10 % if the purchase than $10.000

+ Notification members if Persol has new arrival.

+ Member priority for the pre-order of new products, etc..

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Customer Requirements Specifications

Figure.1. Prototype website layout.

User

▪ Input:

According to Fig.1 above: As a user may:

- **Login**

+ Enter user name

+ Enter password

- **Create account**

+ Input new user name

+ Input new pasword

+ Reconfirm password

+ Input your email to register

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▪ Process

- **Login:**

1.   If the user input wrong in the login format:

+ User name cannot left blank.

+ Password in range 6-18 characters and includes number.

2.   If the user input correct in the login format:

+ Login susscessfully.

- **Create account**

1.   If the user input wrong in the register format:

+ User name cannot left blank.

+ Password in range 6-18 characters and includes number.

2.   If the user input correct in the register format:

+ Register susscessfully

▪ Output

1+2. User login or create successfully:

+ Display on the homepage.

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Webmaster

Webmaster is a Website Administrator. They manage all a parts of website to ensure that website runs smoothy. What they works:

+ Website Maintenance and Warranty

+ Website Content Management

+ Website Operation

+ Reporting and Monitoring Website Performance

▪ Input

- Manage member acccounts
- Add new products: Modify/Edit/Add new images and contents

▪ Process

- Storage customers data
- Input and design new product infomation to the source code

▪ Output

- Display infomation, image on the webpage.

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Hardware / software requirement:

Software:

Technologies to be used:

- Frontend: HTML5, CSS, Bootstrap, JavaScript, jQuery, React/AngularJS, Figma, XML

- Data Store: JSON files or TXT files

Hardware:

- Intel Core i3/i5 Processor or higher

- 8 GB RAM or above

- Color SVGA

- 500 GB Hard Disk space

- Mouse

- Keyboard

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REVIEW 2

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Architecture and design of the project
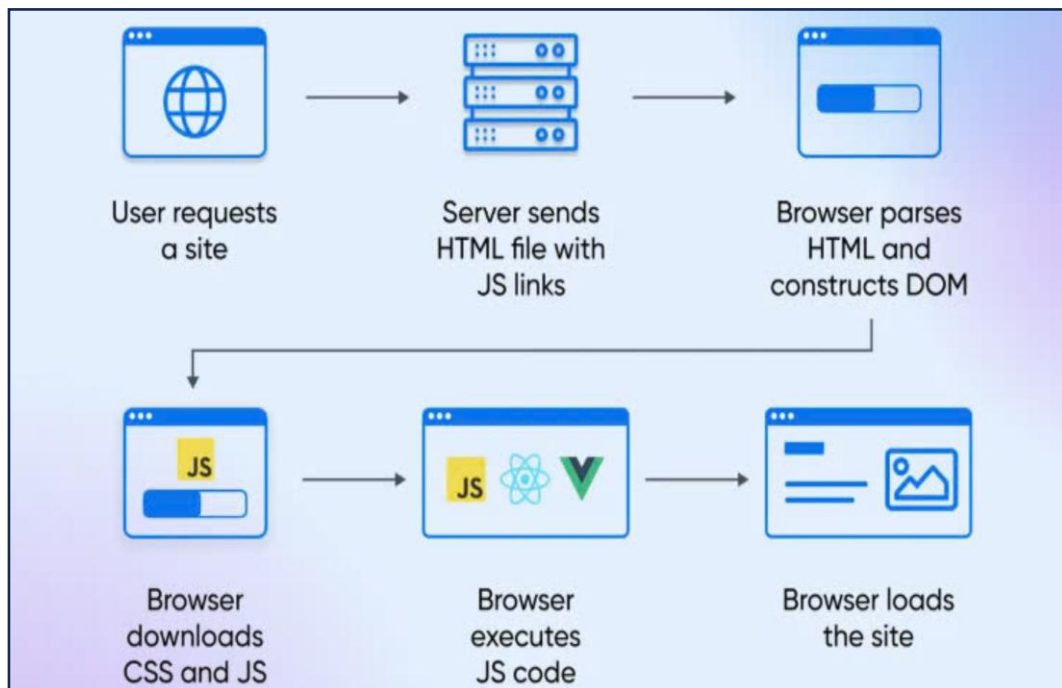
Design of the project: We have some methods to design the project by using ReactJS, CSS Bootstrap,JQUERY.

SiteMap

Figure.2. Persol sitemap.

This is the sitemap of the Persol website, starting with the Homepage. All products are displayed on this page. Additionally, users can click on the Brands section at the top of the page, which will direct them to the page featuring the products they are interested in.

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REVIEW 3

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Screen shots

In this project, we are using ReactJS for coding. More over, we design the layout by using the Figma to design the webpage. Here is our design by using Figma: https://www.figma.com/design/T2ECgvI5yqKpcAYmjNZDHs/Untitled?node-id=0-1
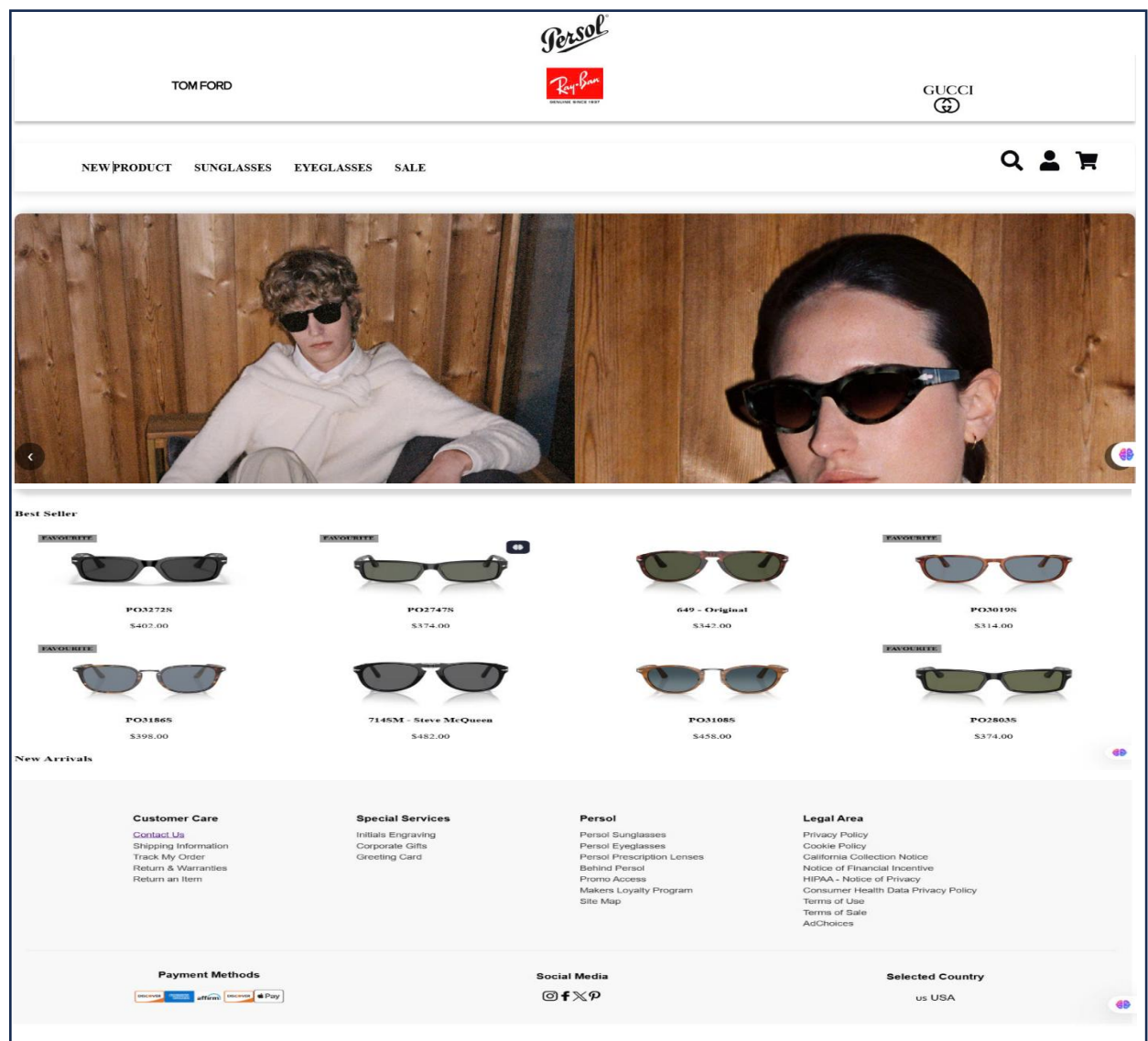
I. Homepage:

Figure.3 Homepage.

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Description   : This is the Homepage of Persol. User can search and find any brands and types of product.

From   : Open from the main link or login to the Persol page.

To   : This is the main page. From this page, user can explore Persol products or click to the Brands on the top page then it leads user to the Brand's product. More over, user can click to the symbol to Login the account.

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II.   Login and Register

1.   Login page

Figure.4. Login page.

Description   : This is the Login page. On this page, user can login theirs account into the Persol.

From   : Can open from the Homepage, in the Navbar. When user clicks on the symbol (Login) then direct to the Login page.

To   : From this Login page, when user clicks "Login" and login is successful, it will lead to the Homepage. And then, when user clicks "Register Now", it directs to Create the account.

2. **Register page**

Figure.5. Register page.

Description : This is the Register page. On this page, user can create the Persol's account.

From : Can open from the "Login page". When user clicks on the "Register Now" then direct to this page.

To : User need to back to the Login page and Login the account.

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III.   Product Category

1.   **Persol**

a) **Sunglasses**
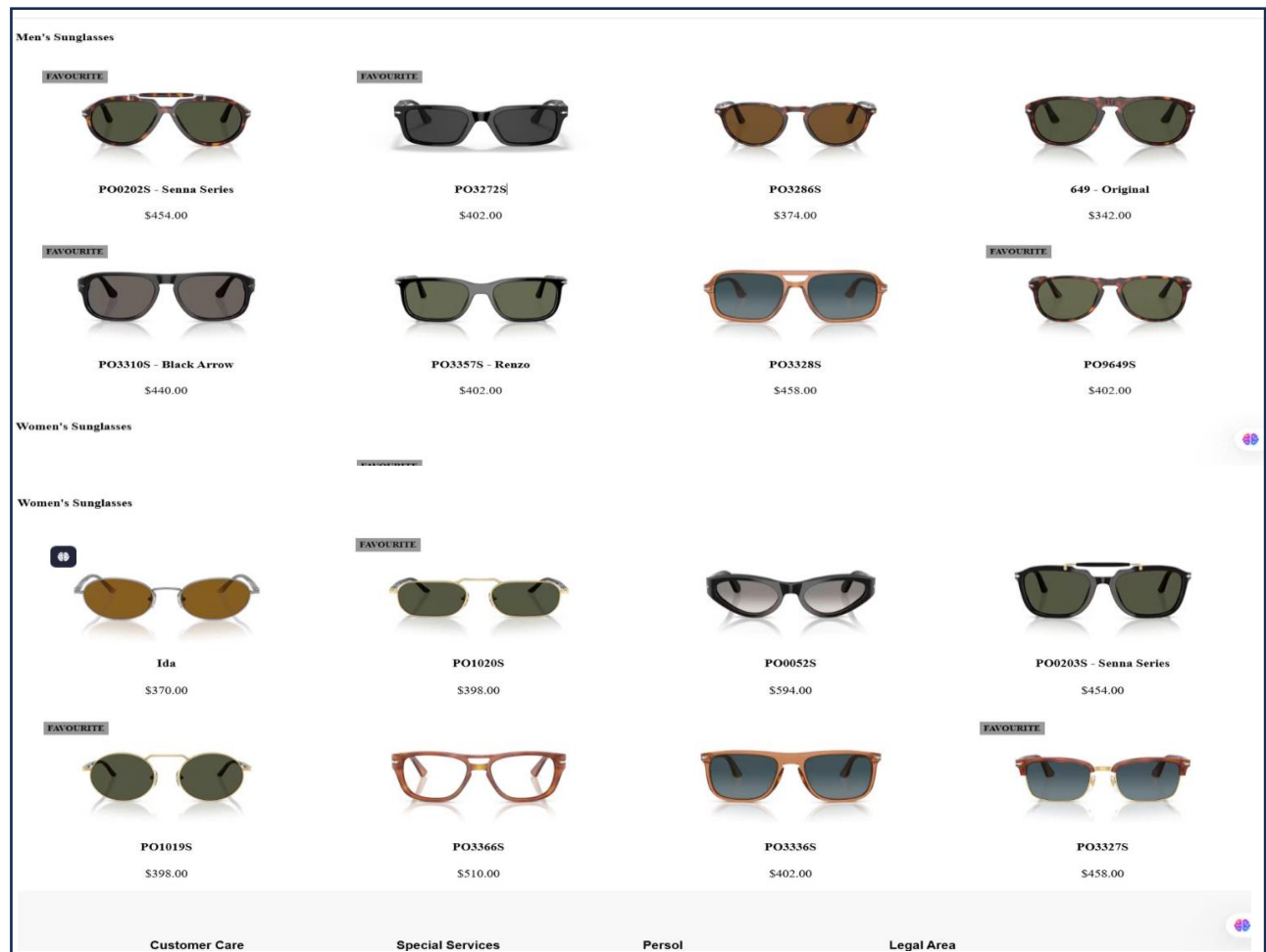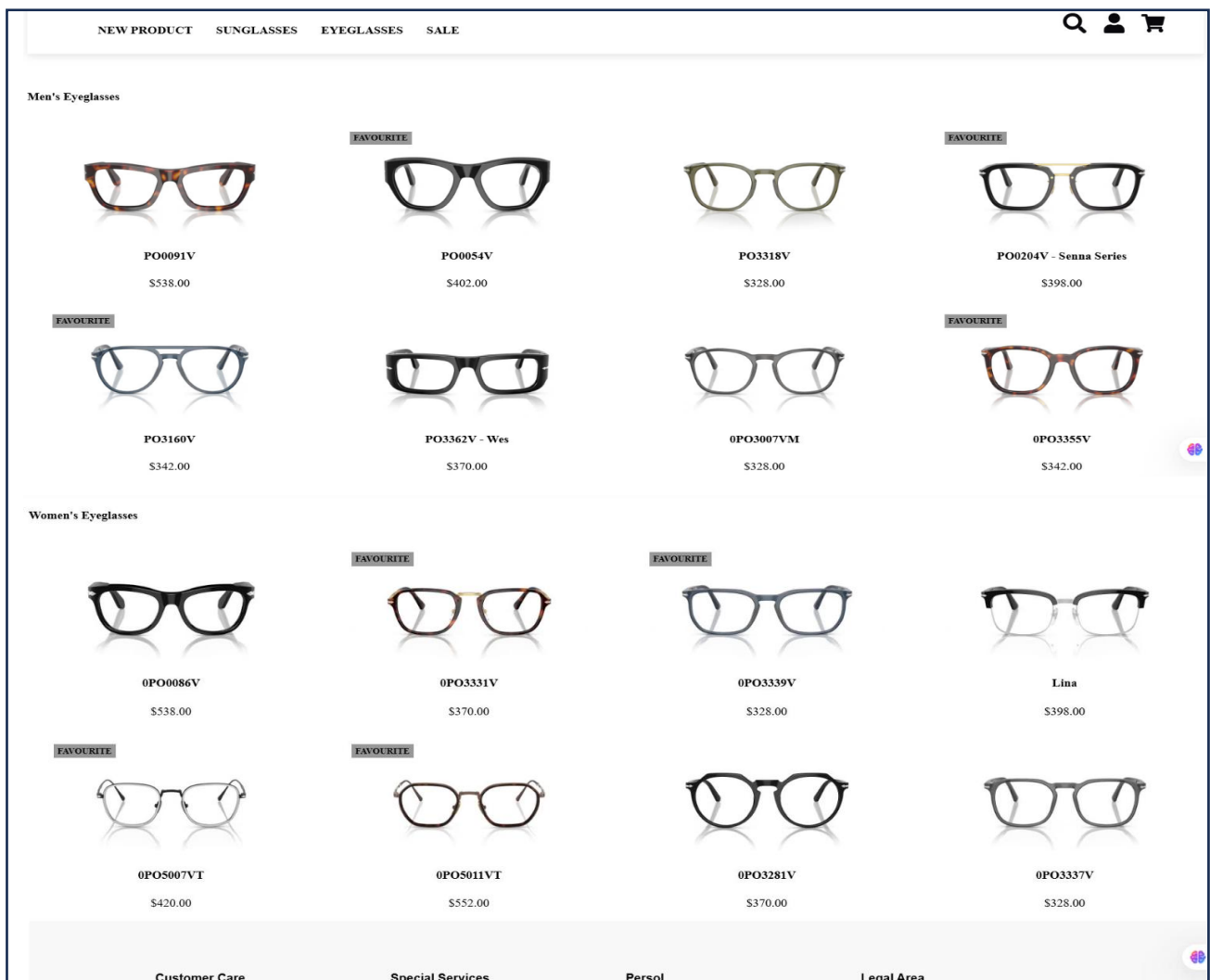

Figure.6 Persol products page

Description   : This is the Persol products page

From   : Can open from the Homepage, in the Navbar. When user clicks on Sunglasses at the Homepage then leads user to the Persol sunglasses

To   : From this page, user can find another product from other brands by clicking to the Brand title as: Tomford, Rayban, Gucci.

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b) Eyeglasses

Figure.7 Persol eyeglasses page

Description : This is the Persol eyeglasses page

From : Can open from the Homepage, in the Navbar. When user clicks on Eyesglasses at the Homepage then leads user to the Persol eyeglasses

To : From this page, user can find another product from other brands by clicking to the Brand title as: Tomford, Rayban, Gucci.

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Date		

c) Product Detail

Figure.8 Product detail page

Description : This is the product detail page

From : User click on it image, then leads user to the detail of product.

To : From this Gucci page, user can find another product from other brands by clicking to the Brand title as: Tomford, Rayban,..

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Date		

2.   **Gucci**

a) **Home page**

Figure.9. The Gucci page.

Description   : This is the product page (Gucci page)

From   : Can open from the Homepage, in the Navbar. When user clicks on Gucci on the Navbar then direct to the Gucci page.

To   : From this Gucci page, user can find another product from other brands by clicking to the Brand title as: Tomford, Rayban,..

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Date		

b)   New product

Figure.10 Gucci New product

Description : This is the new product page. Gucci new product will show at this page.

From :   User need to click on the Brand first, then click the Sunglasses on the Navbar and it directs user to the Gucci new product

To : From this Gucci page, user can find another product from other brands by clicking to the Brand title as: Tomford, Rayban,..

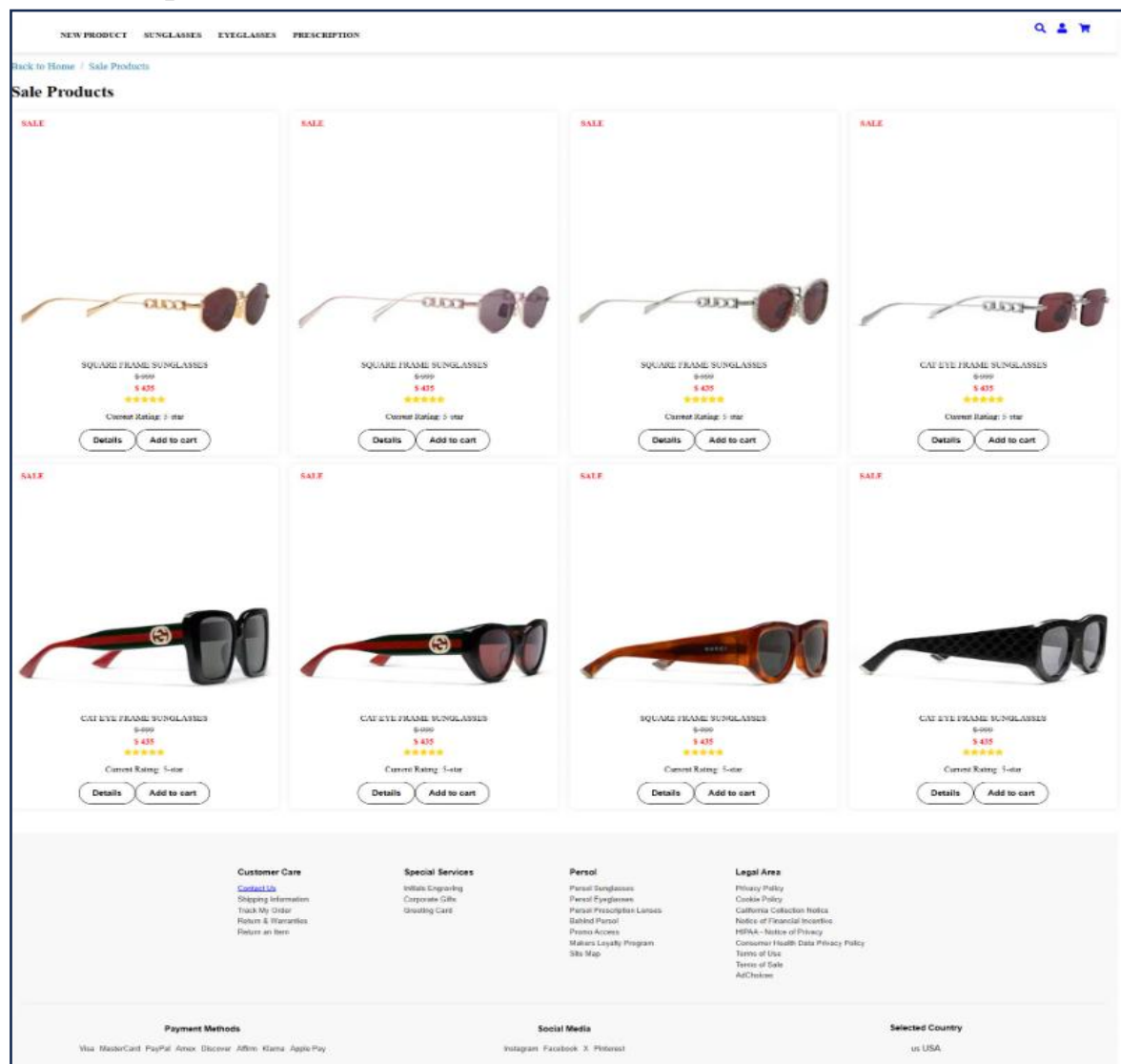|	**Prepared by (Student)**	**Approved by (Faculty)**
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Date		

c)   Sale product

Figure.11 Gucci Sale page

Description : This is the Sale product page.

From : User need to click on the Brand first, then click the New product on the Navbar and it directs user to the Gucci sale.

To : By clicking on each product image, then direct user to the product detail. In this product details page: styles of glasses, detail of product, add to cart,..

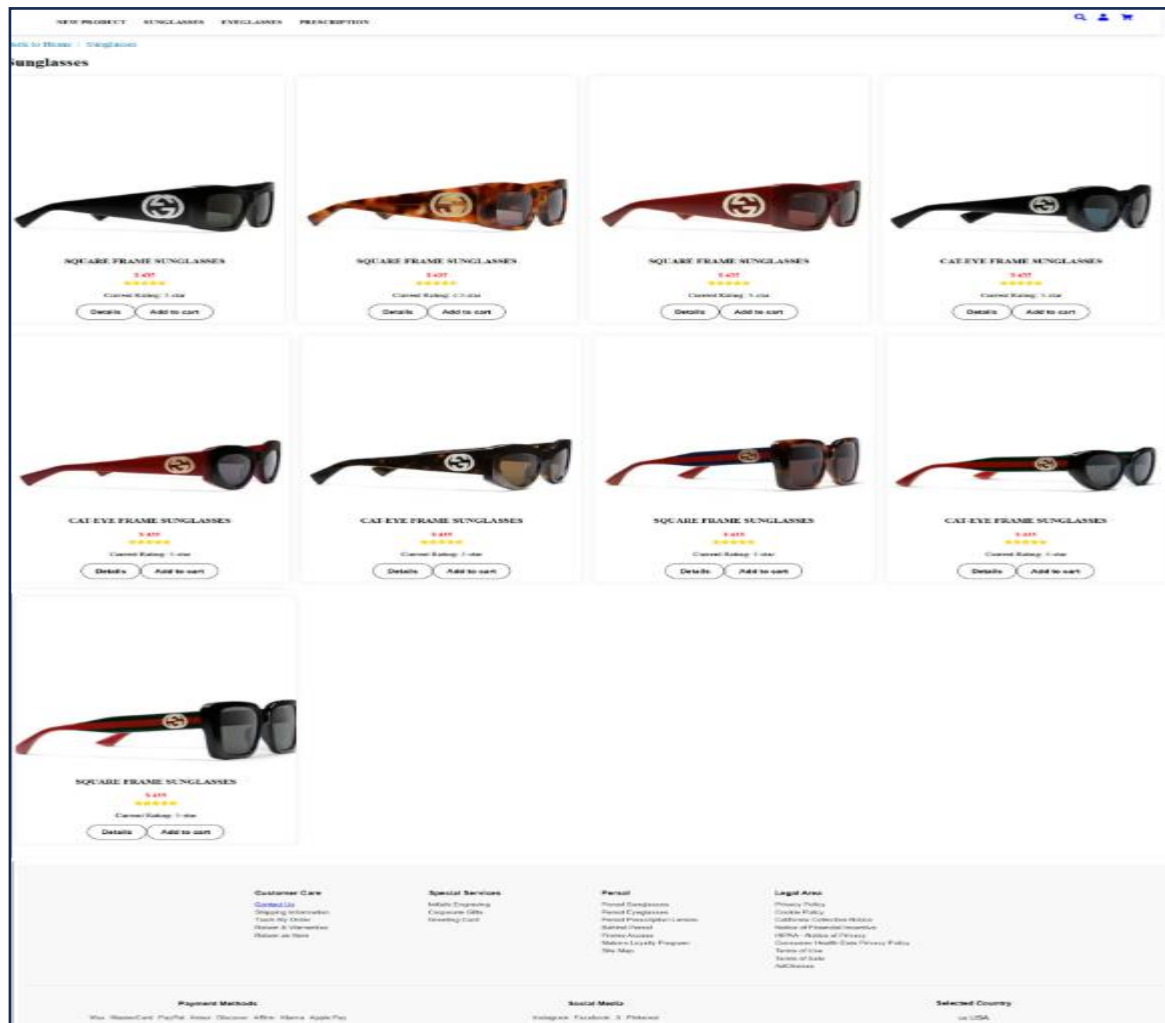|	Prepared by (Student)	Approved by (Faculty)
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d) Sunglasses

Figure.12 Gucci Sunglasses page

Description : This is the Sunglasses page.

From : User need to click on the Brand first, then click the Sunglasses on the Navbar and it directs user to the Gucci Sunglasses

To : By clicking on each product image, then direct user to the product detail. In this product details page: styles of glasses, detail of product, add to cart,..

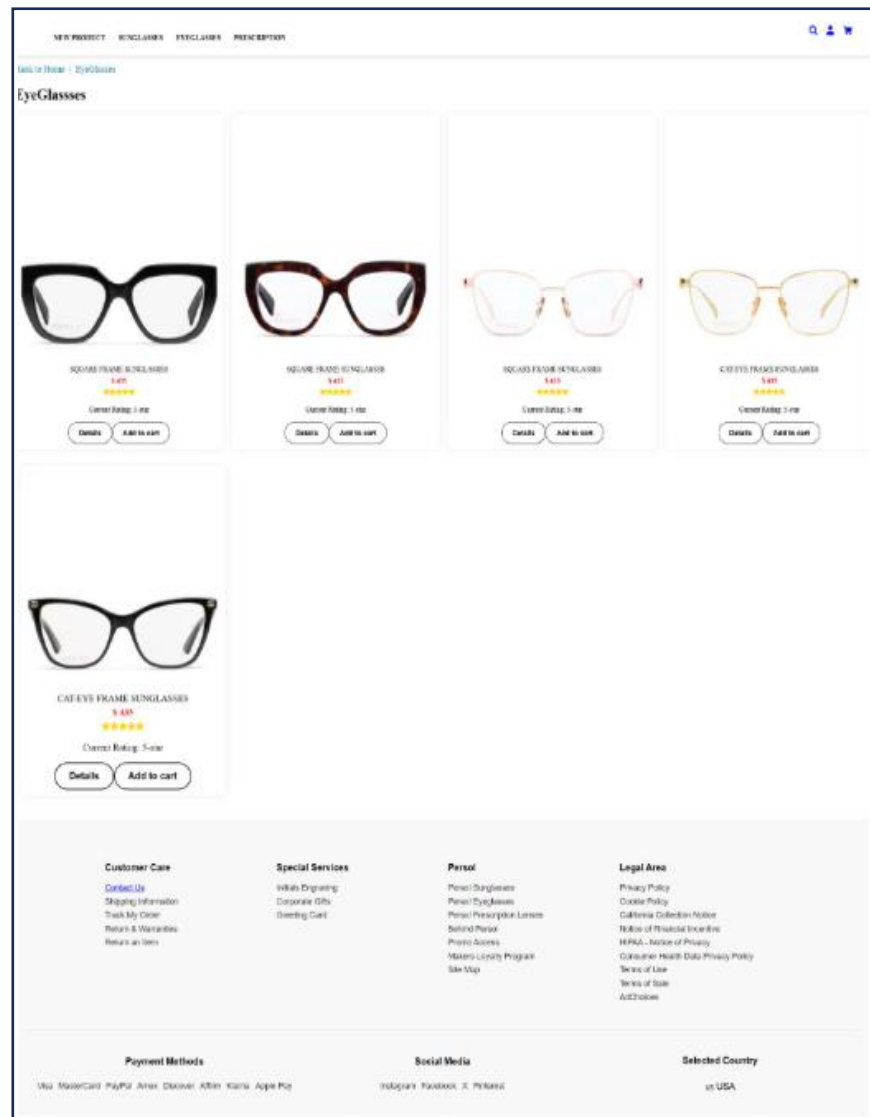|	**Prepared by (Student)**	**Approved by (Faculty)**
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Date		

e)   Eyeglasses

Figure.13 Gucci Eyeglasses.

Description : This is the Gucci Eyeglasses.

From : User need to click on the Brand first, then click the Eyeglasses on the Navbar and it directs user to the Gucci eyeglasses.

To : By clicking on each product image, then direct user to the product detail. In this product details page: styles of glasses, detail of product, add to cart,..

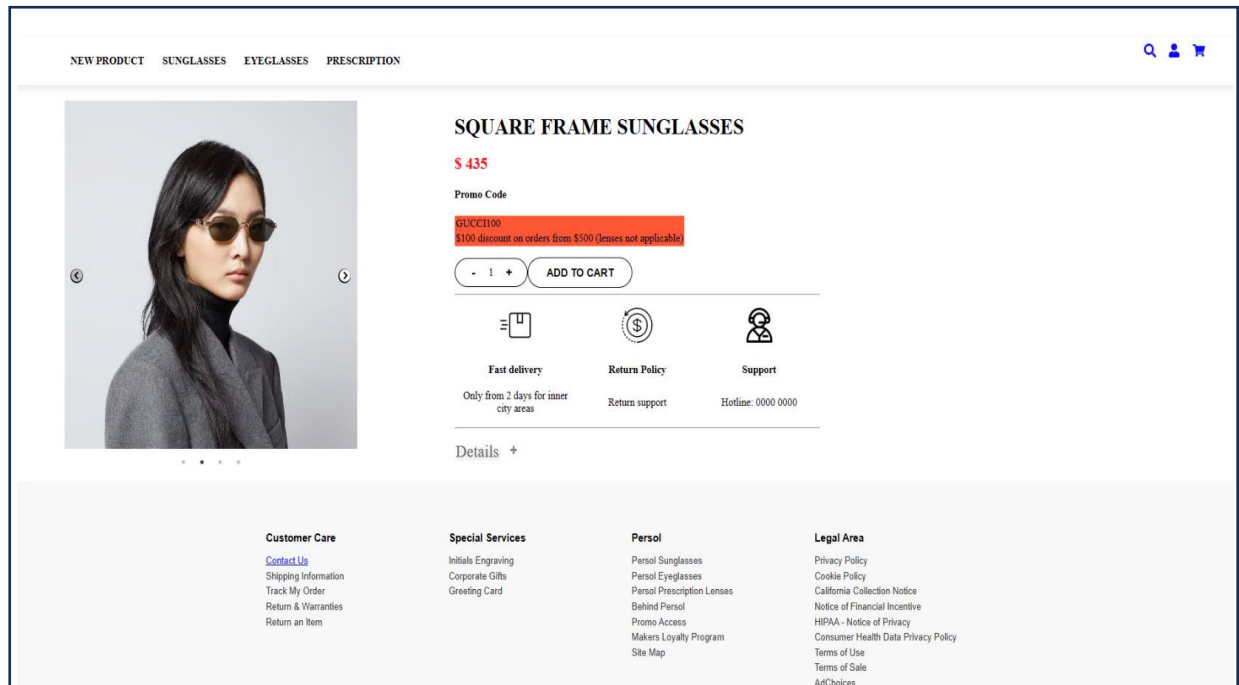|	Prepared by (Student)	Approved by (Faculty)
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f) Product details

Figure.14 Product details

Description   : This is the product details page.

From   : When user clicks on each glasses image, then direct to the product detail.

To   : This is the last page of the detail. Based on the needs of requirement, user can explore to other page from the bottom and on the top page by clicking on the Brand, Contact us, Login,...

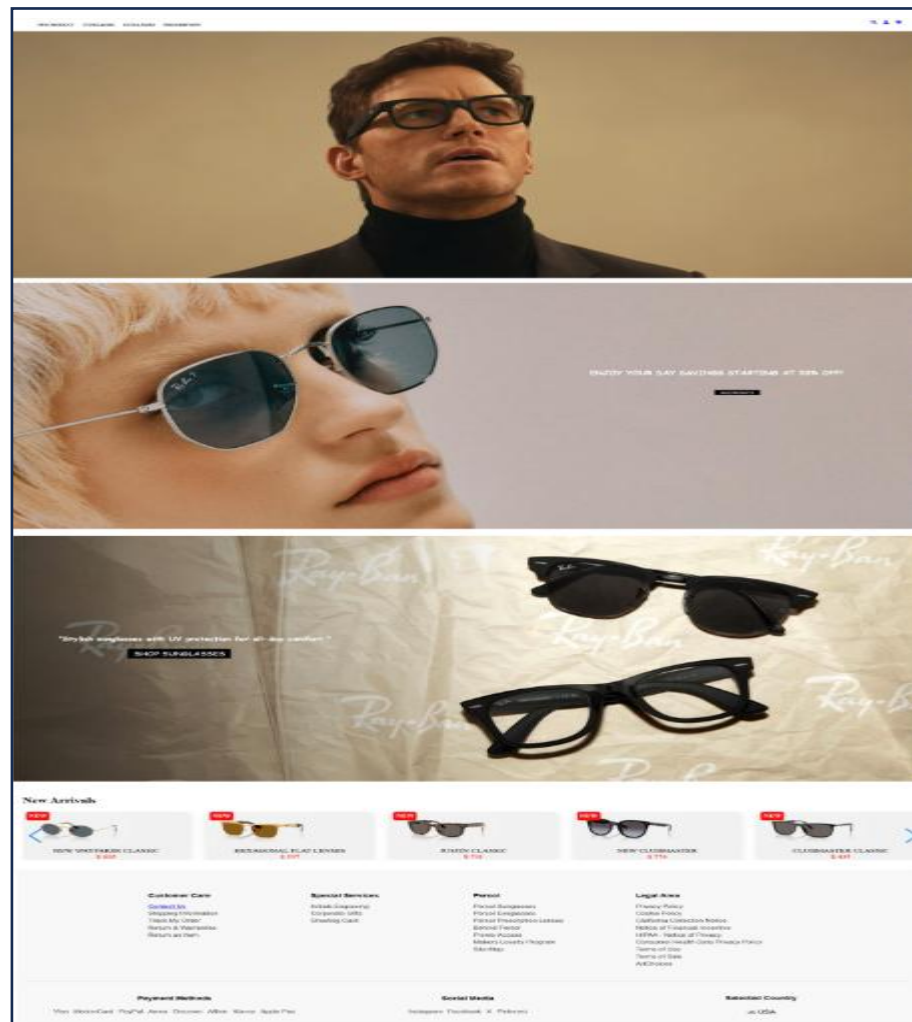|	Prepared by (Student)	Approved by (Faculty)
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Date		

3. **RayBan**

a) **Home page**

Figure.15 Rayban Homepage

Description : This is the Rayban Homepage.

From : User need to click on the Brand first, then click the New product on the Navbar and it directs user to the Rayban homepage.

To : By clicking on each product image, then direct user to the product detail. In this product details page: styles of glasses, detail of product, add to cart,..

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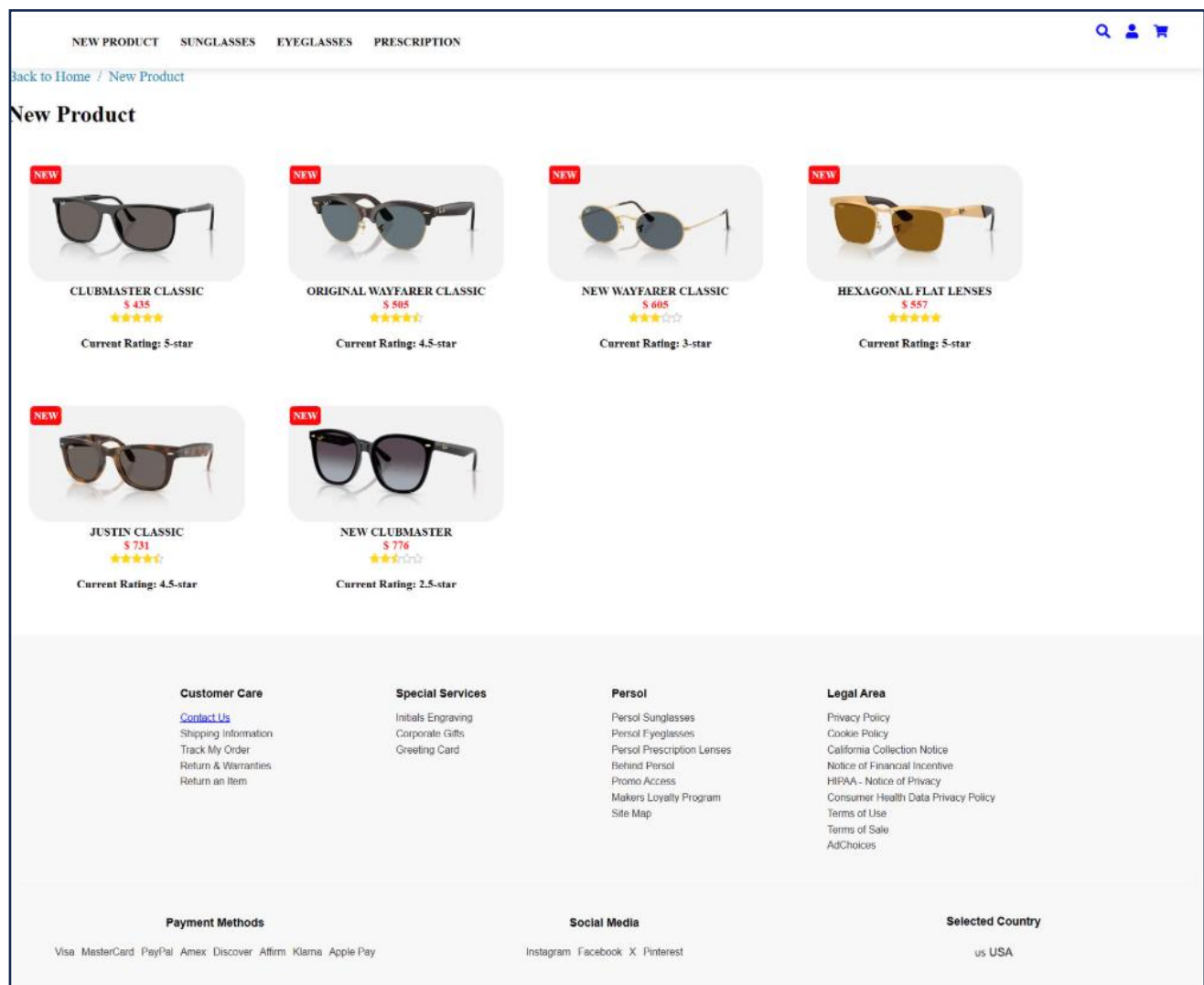b)   **New product**

Figure.16 Rayban New product page.

Description   : This is the Rayban New product.

From   : User need to click on the Brand first, then click the New product on the Navbar and it directs user to the Rayban new product.

To   : By clicking on each product image, then direct user to the product detail. In this product details page: styles of glasses, detail of product, add to cart,..

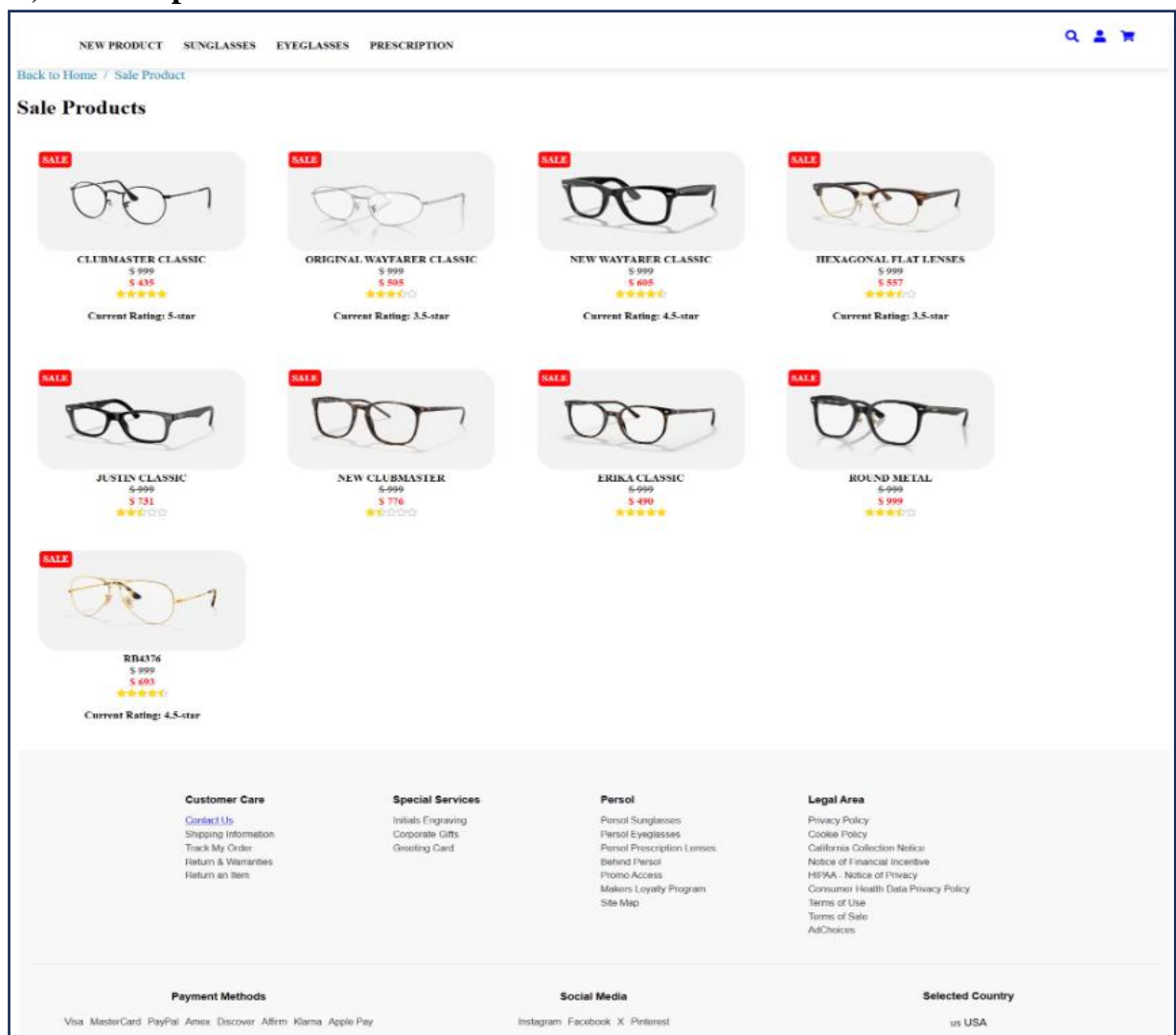|	Prepared by (Student)	Approved by (Faculty)
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Date		

c) **Sale product**

Figure.17 Sale page

Description   : This is the Rayban Sale page.

From   : User need to click on the Brand first, then click the Sale on the Navbar and it directs user to the Rayban sale product.

To   : By clicking on each product image, then direct user to the product detail. In this product details page: styles of glasses, detail of product, add to cart,..

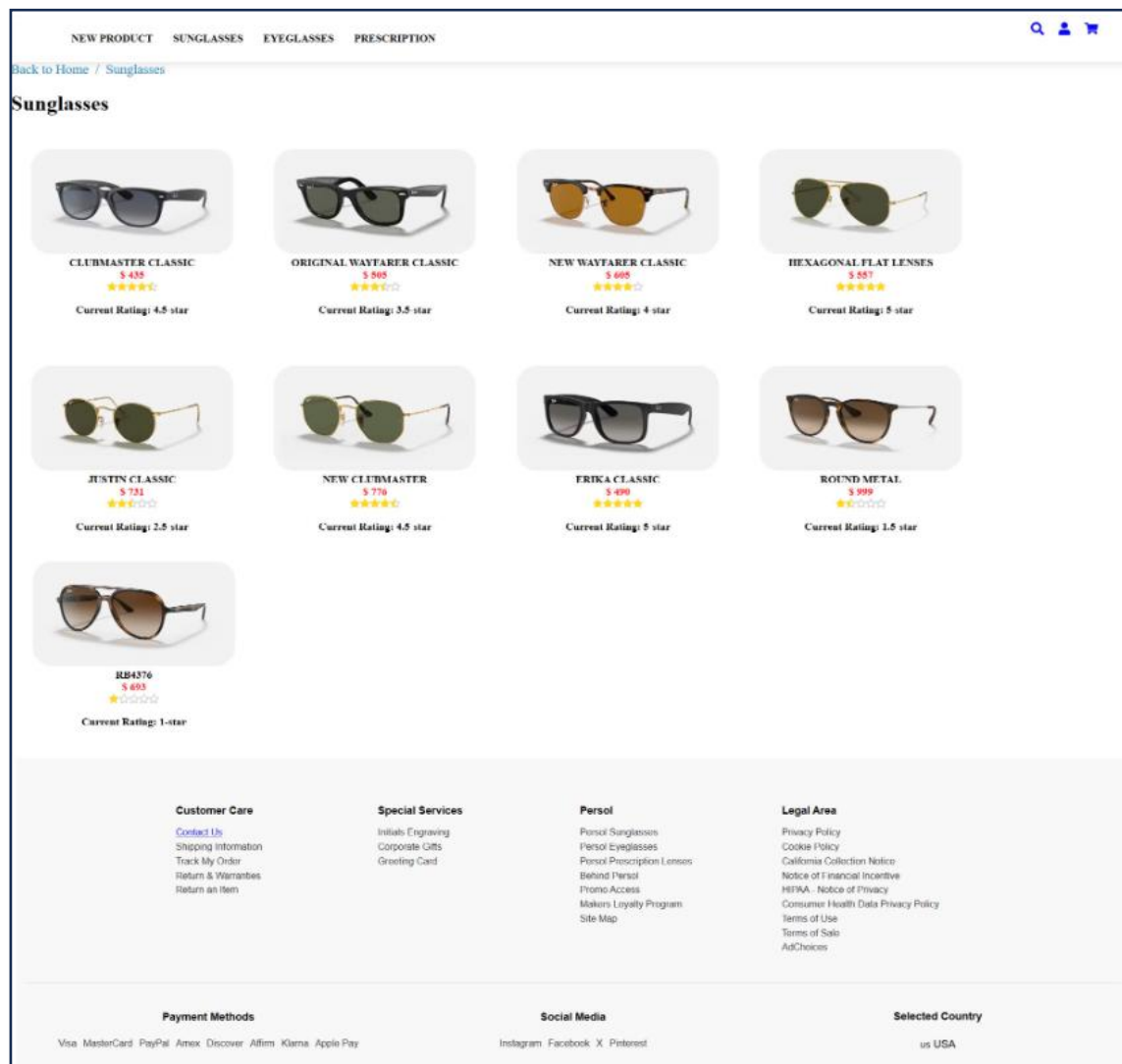|	Prepared by (Student)	Approved by (Faculty)
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Date		

d) **Sunglasses**

Figure.18 Rayban Sunglasses.

Description   : This is the sunglasses page.

From   : User need to click on the Brand first, then click the Sunglasses on the Navbar and it directs user to the Rayban sunglasses.

To   : By clicking on each product image, then direct user to the product detail. In this product details page: styles of glasses, detail of product, add to cart,..

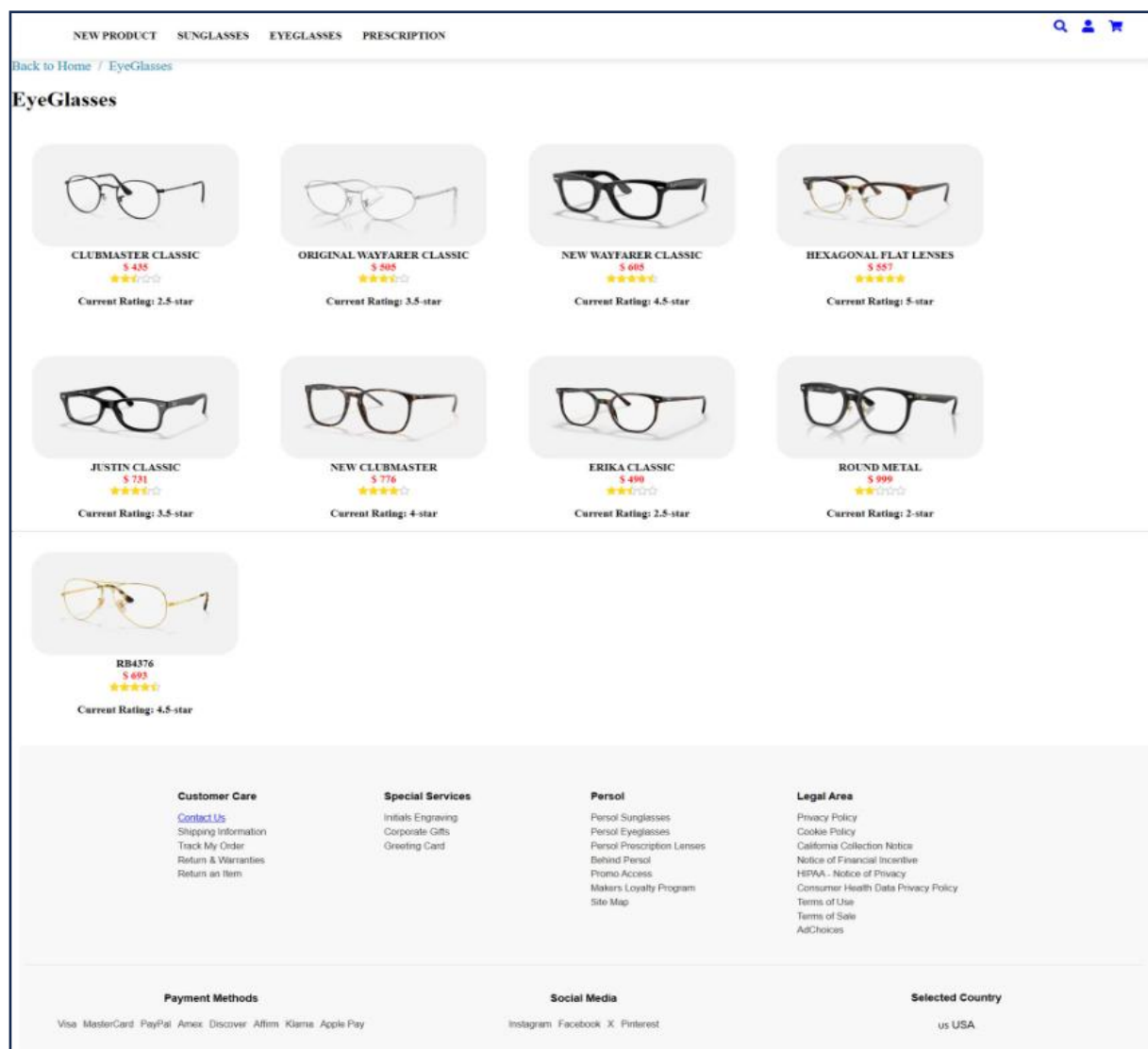|	Prepared by (Student)	Approved by (Faculty)
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Date		

e)   **Eyeglasses**

Figure.19 Eyeglasses page

Description   : This is the eyeglasses page.

From   : User need to click on the Brand first, then click the Eyeglasses on the Navbar and it directs user to the Rayban eyeglasses.

To   : By clicking on each product image, then direct user to the product detail. In this product details page: styles of glasses, detail of product, add to cart,..

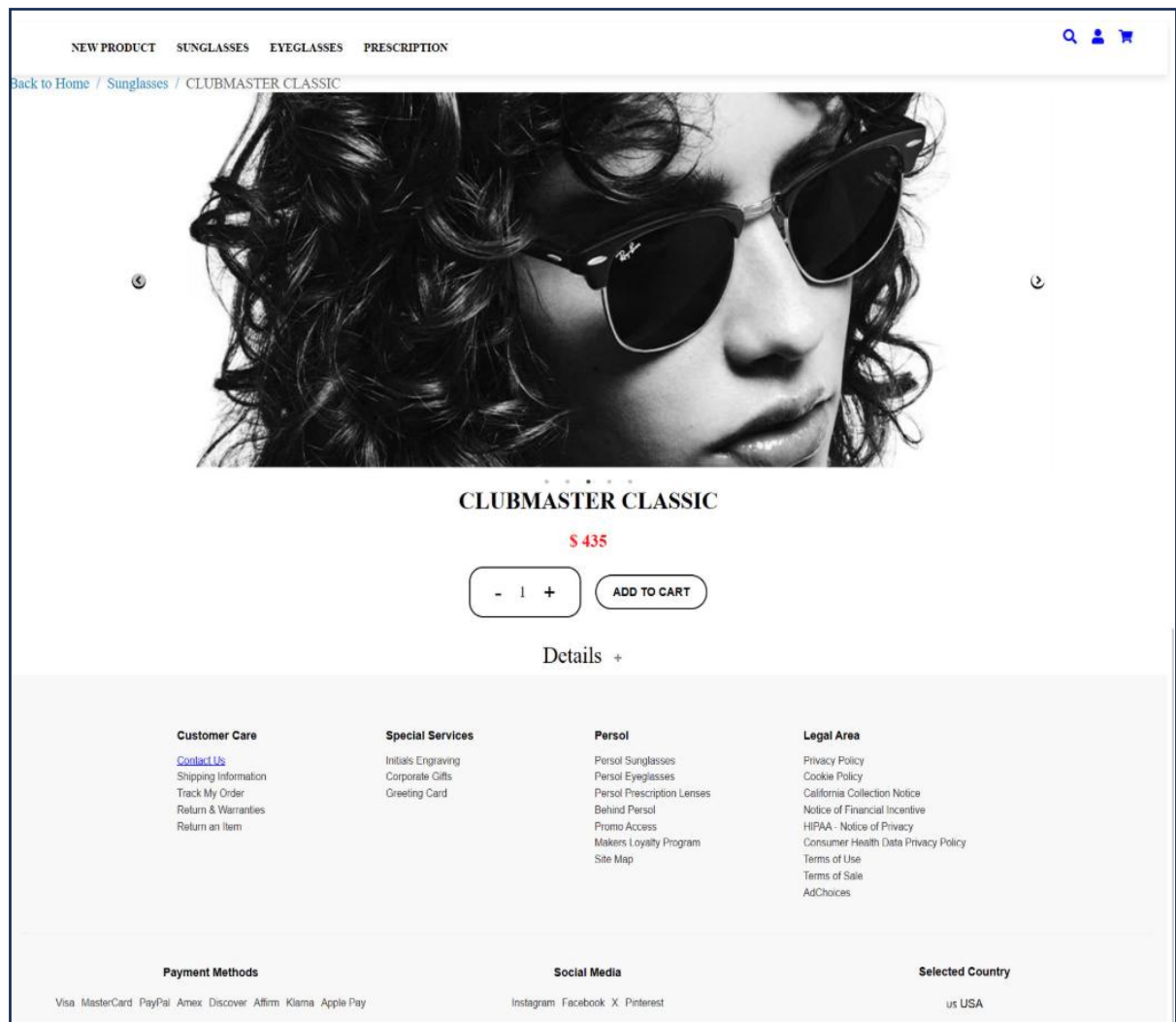|	Prepared by (Student)	Approved by (Faculty)
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Date		

f)   **Product details**

Figure.20 Rayban Product details.

Description : This is the product details page.

From   : When user clicks on the glasses image, then direct to the Rayban product detail.

To   : This is the last page of the detail. Based on the needs of requirement, user can explore to other page from the bottom and on the top page by clicking on the Brand, Contact us, Login,...

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Date		

4. **Tomford**

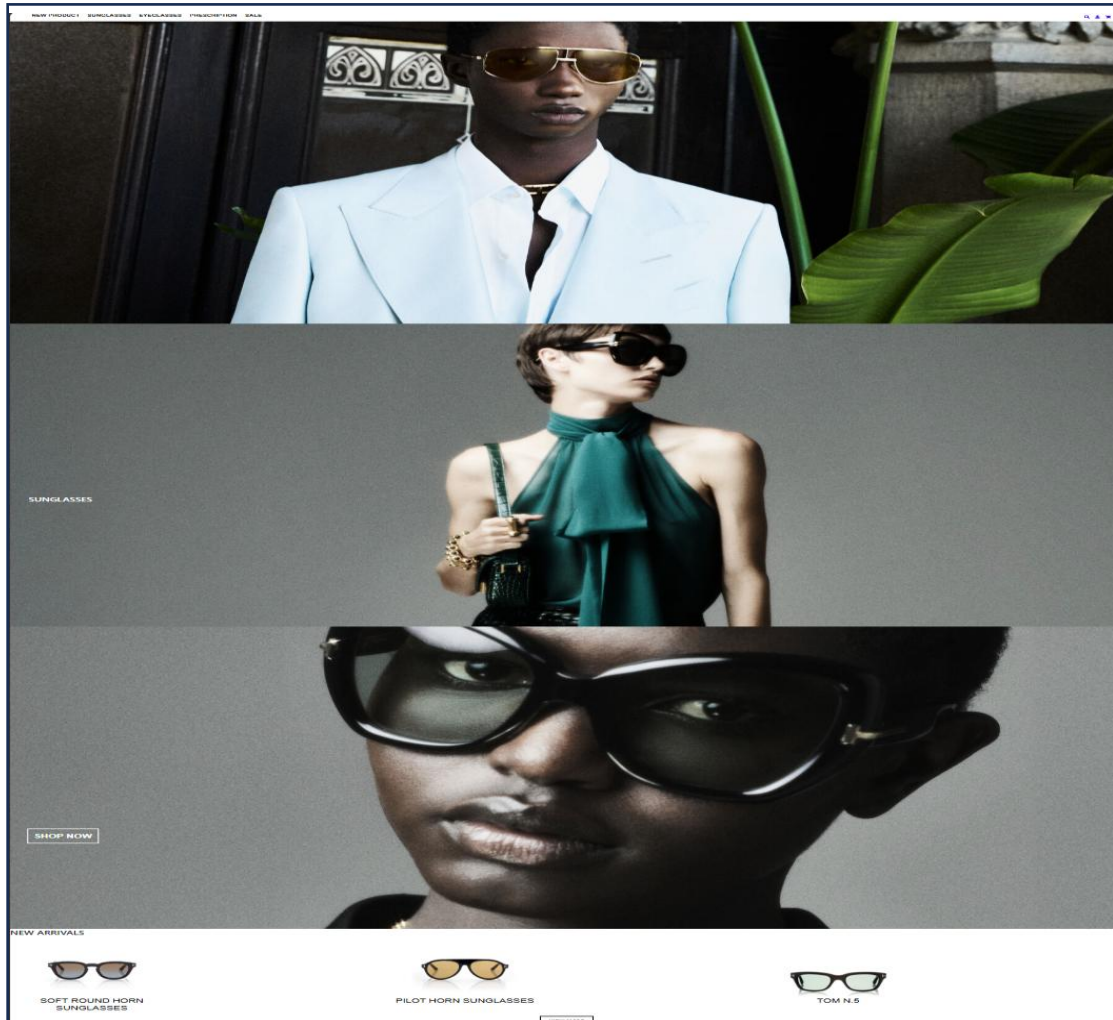a) **Home page (new product)**

Figure.21 Homepage.

Description : This is the home page. The new product arrival, eyewear, sunglasses and sale product are displaying at this page.

From : User need to click on the Brand first, then click the New product on the Navbar and it directs user to the Tomford new product.

To : By clicking on each product image, then direct user to the product detail. In this product details page: styles of glasses, detail of product, add to cart,..

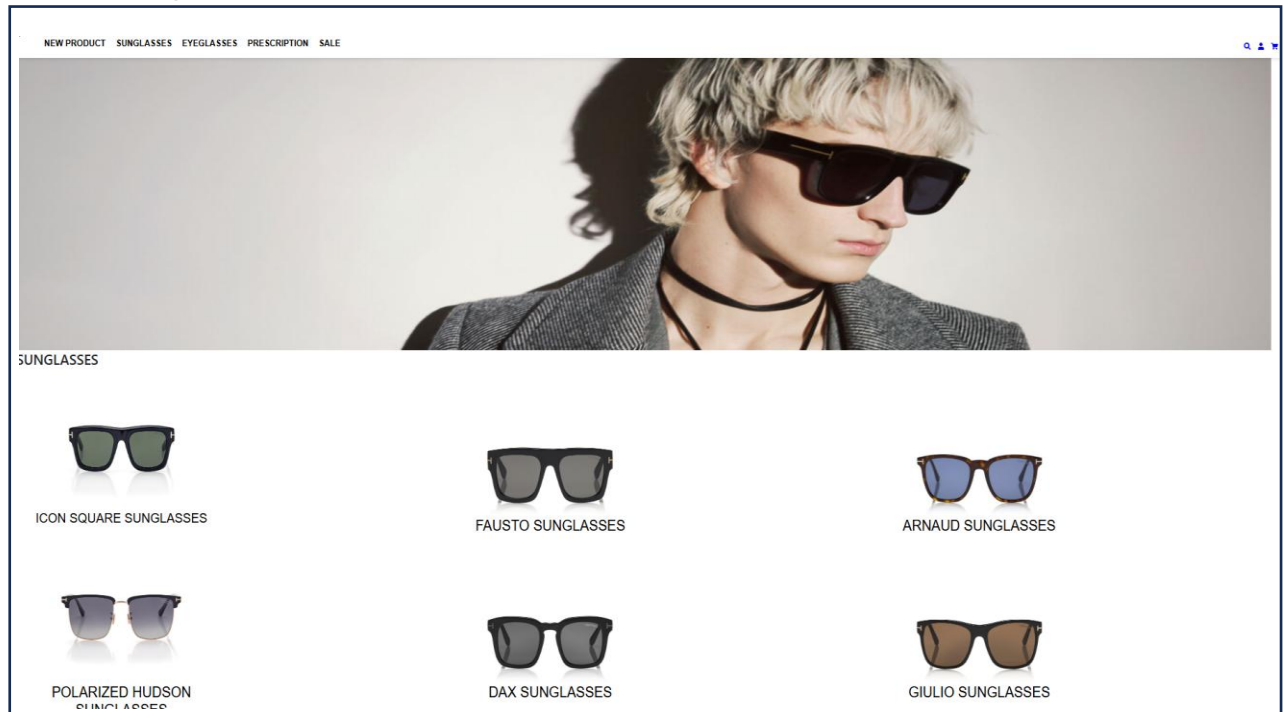|	Prepared by (Student)	Approved by (Faculty)
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b)   **Sunglasses**

Figure.22 Sunglasses page

Description   : This is the sunglasses page.

From   : User need to click on the Brand first, then click the Sunglasses on the Navbar and it directs user to the Tomford sunglasess.

To   : By clicking on each product image, then direct user to the product detail. In the product details page: styles of glasses, detail of product, add to cart,..

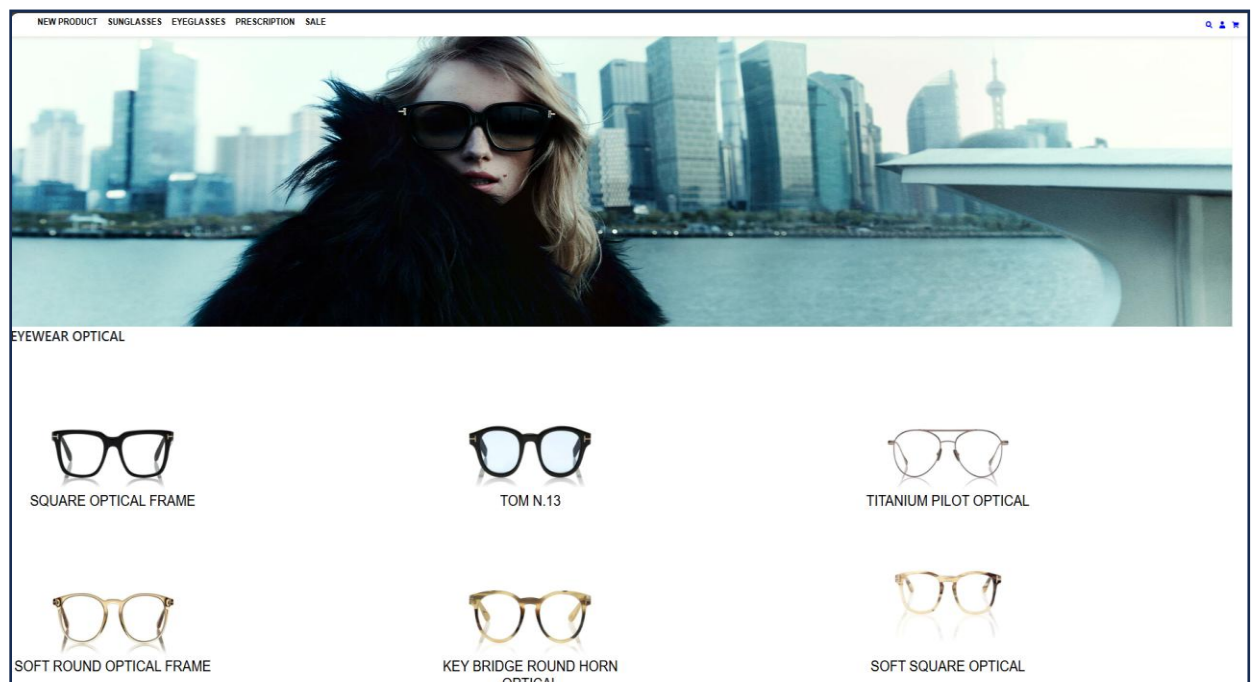|	Prepared by (Student)	Approved by (Faculty)
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Date		

c)   **Eyeglasses**

Figure. 23 Eyeglasses

Description   : This is the eyeglasses page.

From   : User need to click on the Brand first, then click the Eyeglasses on the Navbar and it directs user to the Tomford eyeglass product.

To   : By clicking on each product image, then direct user to the product detail. In this product details page: styles of glasses, detail of product, add to cart,..

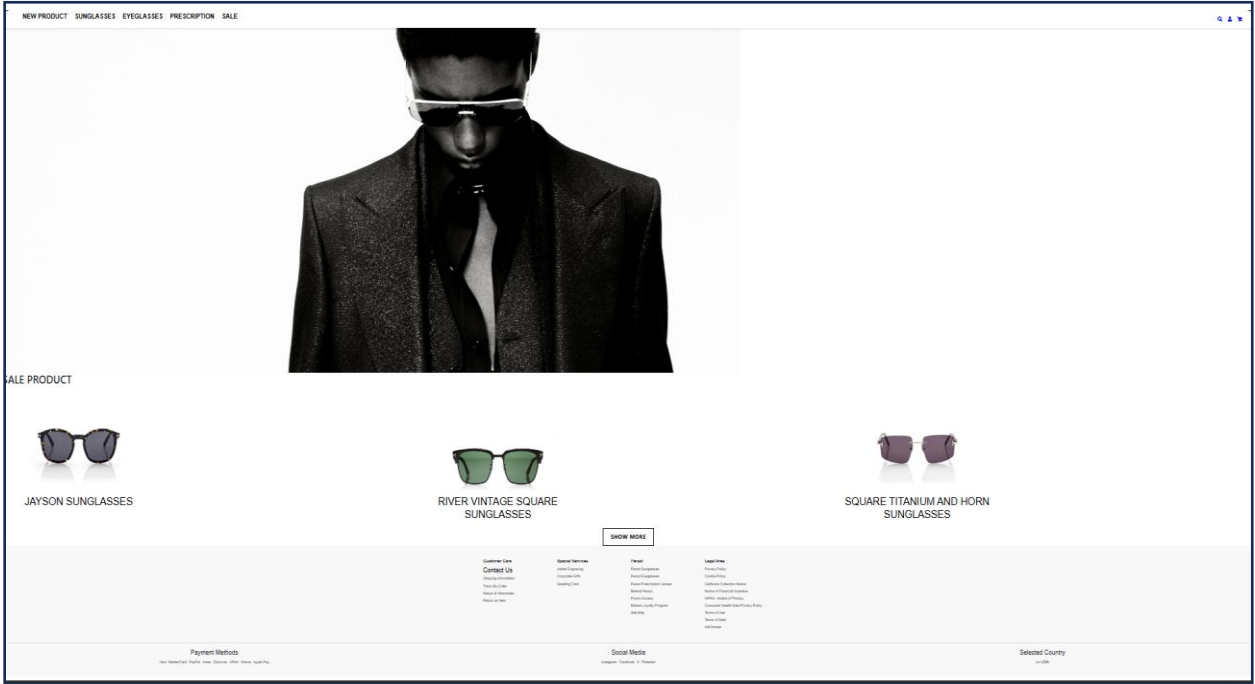|	Prepared by (Student)	Approved by (Faculty)
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d)   **Sale product**

Figure.24 Sale product

Description   : This is the Sale page. User can see more product by clicking View more

From   : When user clicks on the glasses image, then direct to the sale detail.

To   : Sale detail page

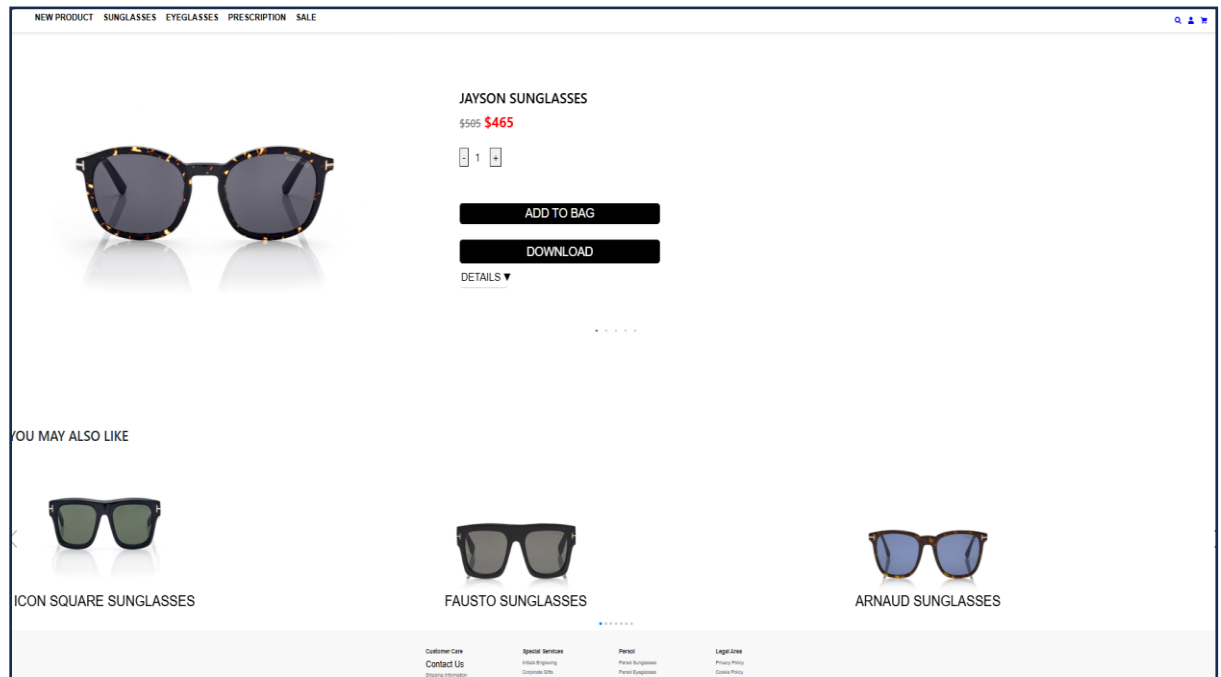|	Prepared by (Student)	Approved by (Faculty)
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e)   **Product details**

Figure.25 Product Sale detail page

Description   : This is the product detail page.

From   : When user clicks on the glasses image, then direct to the product detail.

To   : Based on the needs of requirement, user can explore to other page from the bottom and on the top page by clicking on the Brand, Contact us, Login,...

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IV.   Contact Us

Figure.26 Contact us

Description   : This is the contact page.

From   : On the Contatc us at the bottom page.

To   : Based on the needs of requirement, user can explore to other page from the bottom and on the top page by clicking on the Brand, Contact us, Login,...

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Testing document

Sr.No	Features Tested	Remarks
1	Login	
2	Register	
3	Sunglasses	
4	Eyeglasses	
5	Logo brand	
6	Contact us	
7		
8		
9		
10		
11		
12		
13		
14		
15		

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Final checklist

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

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Signature		
Date		

REFERENCE

All images, video and information taken from:

1. *Tom Ford fashion* (no date) *TOM FORD Fashion*. Available at: https://www.tomfordfashion.com/ (Accessed: 18 February 2025).

2. *Gucci® US official site: Redefining luxury fashion* (no date) *GUCCI® Official*. Available at: https://www.gucci.com/us/en/ (Accessed: 18 February 2025).

3. *Ray-ban® official sunglasses store | Ray-Ban® US*. Available at: https://www.ray-ban.com/usa (Accessed: 17 February 2025).

4. *Persol® eyewear - persol® official store persol USA*. Available at: https://www.persol.com/usa (Accessed: 17 February 2025).

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No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planed Start Date	Actual Start Date	Actual Days	Status
1	Tran Phuc Khang	Hompage	Hompage.jsx	19/01/2025	02/02/2025	15	Completed
2		Contact	Contact.jsx	19/01/2025	02/02/2025	15	Completed
1	Mai Thanh Dat	Ray-ban	Rayban.jsx	19/01/2025	02/02/2025	15	Completed
2		Gucci	Gucci.jsx	19/01/2025	02/02/2025	15	Completed
1	Nguyen Kim Minh	Tom-Ford	Tomford.jsx	19/01/2025	02/02/2025	15	Completed
2		Login	Login.jsx	19/01/2025	02/02/2025	15	Completed
1	Nguyen Anh Duc	Style	Style.css	19/01/2025	19/01/2025	15	N/A
2		Chanel	Chanel.jsx	19/01/2025	19/01/2025	15	N/A

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 05	
Signature		
Date		