FPT UNIVERSITY

GLASSES SHOP MANAGEMENT REPORT

TÊN: TRỊNH THỊ THÙY NHÂN

MSSV: SE180345

LỚP: SE1818

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I. Overview

1. Introduction

- Glasses web page, named “ENTY GLASS”, is a platform that allows users to browse and purchase glasses. It consists of several key components:

1. *Users (tblUsers): The roleID could be used to differentiate between regular users and administrators.

2. *Glasses (tblGlass): This table contains information about the glasses available for purchase on your website. Each pair of glasses has a unique ID (idGlasses), name (name), description (description), type (type), image (image), price (price), and a status flag (status).

3. *Invoices (tblInvoice): When a user makes a purchase, an invoice is generated and stored in this table.

4. *Cart (tblCart): This table represents the shopping cart of a user. -The web page allows users to browse the glasses available for purchase, add them to their cart, and make a purchase. When a purchase is made, an invoice is generated. Users can view their past invoices. If a user is an administrator, they have additional capabilities such as adding new glasses to the store or deleting existing ones.

2. Database

- TBL_USER

```
CREATE DATABASE FINALPRJ

USE FINALPRJ

CREATE TABLE TBL_USER(
    USERID VARCHAR(50) PRIMARY KEY NOT NULL,
    FULLNAME VARCHAR(200),
    PASSWORD VARCHAR(50),
    ROLEID INT,
    GMAIL VARCHAR(100),
    ADDRESS VARCHAR(200),
    STATUS BIT
)

INSERT INTO TBL_USER VALUES ('US01','LE KIM DUNG','123456',1,'kimdung@gmail.com','DA NANG',1)
INSERT INTO TBL_USER VALUES ('US02','NGUYEN MINH CHAU','123456',1,'minhchau@gmail.com','DA NANG',1)
INSERT INTO TBL_USER VALUES ('AD01','BUI THUY LINH','123456',2,'builinh@gmail.com','LAM DONG',1)
INSERT INTO TBL_USER VALUES ('AD02','NGUYEN DAC SANG','123456',2,'dacsang@gmail.com','LAM DONG',1)
INSERT INTO TBL_USER VALUES ('MG01','TRINH THI THUY NHAN','123456',3,'trinhnhan@gmail.com','HO CHI MINH',1)
INSERT INTO TBL_USER VALUES ('MG02','NGUYEN THI THUY DUNG','123456',3,'thuydung@gmail.com','HA NOI',1)
```

90 %

Results | Messages

	USERID	FULLNAME	PASSWORD	ROLEID	GMAIL	ADDRESS	STATUS
1	AD01	BUI THUY LINH	123456	2	builinh@gmail.com	LAM DONG	1
2	AD02	NGUYEN DAC SANG	123456	2	dacsang@gmail.com	LAM DONG	1
3	MG01	TRINH THI THUY NHAN	123456	3	trinhnhan@gmail.com	HO CHI MINH	1
4	MG02	NGUYEN THI THUY DUNG	123456	3	thuydung@gmail.com	HA NOI	1
5	US01	LE KIM DUNG	123456	1	kimdung@gmail.com	LAM DONG	1
6	US02	NGUYEN MINH CHAU	123456	1	minhchau@gmail.com	DA NANG	1
7	US03	DANG QUOC DUONG	123456	1	quocduong@gmail.com	HCM	1
8	US05	CAN QUAN	123456	1	canquan@gmail.com	HCM	1
9	US07	TRINH THI THUY NHAN	123456	1	nhan@gmail.com	LAM DONG	1

- TBL_GLASS

FINALPRJ.sql - LAPT....FINALPRJ (SA (51))

```
)

INSERT INTO TBL_USER VALUES ('US01','LE KIM DUNG','123456',1,'kimdung@gmail.com','DA NANG',1)
INSERT INTO TBL_USER VALUES ('US02','NGUYEN MINH CHAU','123456',1,'minhchau@gmail.com','DA NANG',1)
INSERT INTO TBL_USER VALUES ('AD01','BUI THUY LINH','123456',2,'builinh@gmail.com','LAM DONG',1)
INSERT INTO TBL_USER VALUES ('AD02','NGUYEN DAC SANG','123456',2,'dacsang@gmail.com','LAM DONG',1)
INSERT INTO TBL_USER VALUES ('MG01','TRINH THI THUY NHAN','123456',3,'trinhnhan@gmail.com','HO CHI MINH',1)
INSERT INTO TBL_USER VALUES ('MG02','NGUYEN THI THUY DUNG','123456',3,'thuydung@gmail.com','HA NOI',1)
INSERT INTO TBL_USER VALUES ('MG03','THUY DUNG','123456',3,'thuydung@gmail.com','HA NOI',1)


CREATE TABLE TBL_GLASS(
    GLASSID VARCHAR(50) PRIMARY KEY NOT NULL,
    NAME VARCHAR(200),
    DESCRIPTION VARCHAR(200),
    TYPE VARCHAR(50),
    IMAGE VARCHAR(MAX),
    PRICE FLOAT,
    STATUS BIT
)
```

90 %

Results | Messages

	GLASSID	NAME	DESCRIPTION	TYPE	IMAGE	PRICE	STATUS
1	GL01	CLEAR EYEGLASSES	SQUARE CLEAR EYEGLASSES FRAMES FOR WOMEN	GIRL	https://i.pinimg.com/originals/86/07/f8/8607f80951b3...	200	1
2	GL02	CLEAR RAYBAN GLASSES	CLEAR RAYBAN GLASSES FOR WOMEN	GIRL	https://i.pinimg.com/originals/23/3c/cb/233ccb3e234f...	210	1
3	GL03	METAL FRAME EYEGLASSES	GOLD METAL FRAME EYEGLASSES FOR WOMEN	GIRL	https://i.pinimg.com/originals/bd/22/ca/bd22caf4c78b...	250	1
4	GL04	OMBRE FRAME EYEGLASSES	OMBRE FRAME ANTI-BLUE LIGHT EYEGLASSES FOR WOMEN	GIRL	https://i.pinimg.com/originals/29/08/13/290813f4c33...	100	1
5	GL05	CLASSIC BLACK EYEGLASSES	BLACK EYEGLASSES FOR DAILY LIFE FOR WOMEN	GIRL	https://i.pinimg.com/originals/8c/e0/cf/8ce0cfe7b6d0...	90	1
6	GL06	CAT EYE EYEGLASSES	VINTAGE CRYSTAL + CLEAR GLASSES FOR WOMEN	GIRL	https://i.pinimg.com/originals/37/dc/bc/37dcbcba033...	180	1
7	GL07	UNVISIBLE FRAME EYEGLASSES	UNVISIBLE FRAME EYEGLASSES FOR WOMEN	GIRL	https://i.pinimg.com/originals/4d/5b/10/4d5b10abb2f...	120	1
8	GL08	PINK BLUR EYEGLASSES	PINK BLUR PASTEL EYEGLASSES FRAMES FOR WOMEN	GIRL	https://i.pinimg.com/originals/b8/33/f6/b833f607e15e...	150	1
9	GL09	CLEAR EYEGLASSES	SQUARE CLEAR EYEGLASSES FRAMES FOR MAN	BOY	https://i.pinimg.com/originals/a7/45/3e/a7453e7aeac...	150	1
10	GL10	CLASSIC HALF FRAME GLASSES	VINTAGE INSPIRED CLASSIC HORNED RIM HALF FRAME FOR ...	BOY	https://i.pinimg.com/originals/9a/7e/b7/9a7eb73b0ee...	190	1
11	GL11	METAL FRAME EYEGLASSES	BLACK METAL FRAME EYEGLASSES FOR MEN	BOY	https://i.pinimg.com/originals/b5/e0/17/b5e017ec7e3...	210	1
12	GL12	OMBRE FRAME EYEGLASSES	OMBRE RIVET DECOR SQUARE FRAME EYEGLASSES FOR MEN	BOY	https://i.pinimg.com/564x/94/e9/a4/94e9a4dc8b14a8...	230	1
13	GL13	CLASSIC BLACK EYEGLASSES	BLACK EYEGLASSES FOR DAILY LIFE FOW MEN	BOY	https://i.pinimg.com/564x/9e/81/d0/9e81d069420bd...	100	1
14	GL14	CAT EYE EYEGLASSES	CAT-EYE BLACK METAL FOR MAN	BOY	https://i.pinimg.com/564x/1d/6f/56/1d6f569a487280b...	100	1
15	GL15	UNVISIBLE FRAME EYEGLASSES	UNVISIBLE FRAME EYEGLASSES FOR MEN	BOY	https://i.pinimg.com/564x/01/06/c3/0106c3d28f99c8...	160	1
16	GL16	GREY EYEGLASSES	MEN GREY ANTI-BLUE LIGHT EYEGLASSES	BOY	https://i.pinimg.com/564x/e4/6f/6d/e46f6dec41fd3df5...	140	1
17	GL17	OVAL SUNGLASSES	SAINT LAURENT OVAL SUNGLASSES	SUN	https://i.pinimg.com/564x/ed/c0/a2/edc0a27b2d8291...	170	1

Query executed successfully. LAPTOP-LJR5BSG7\TRINHNHAN (... SA (51) FINALPRJ 00:0

- TBL_CART

FINALPRJ.sql - LAPT....FINALPRJ (SA (51))

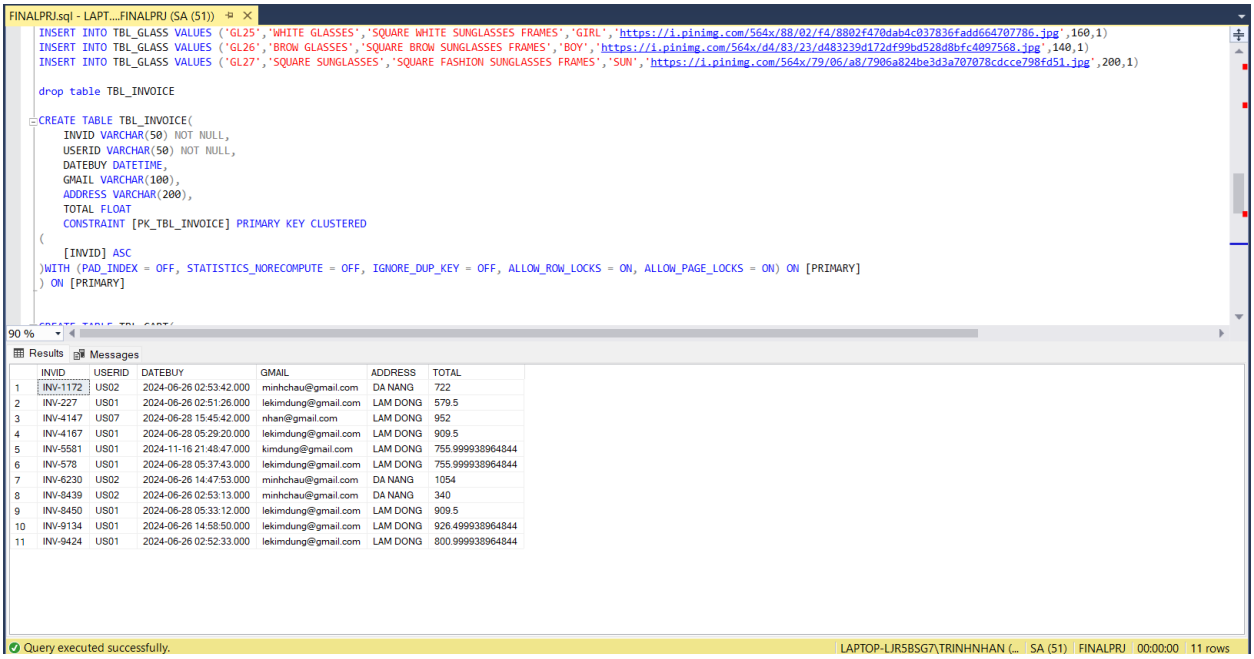
```
    [INVID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]


CREATE TABLE TBL_CART(
    CARTID VARCHAR(50) NOT NULL,
    GLASSID VARCHAR(50),
    USERID VARCHAR(50),
    INVID VARCHAR(50),
    PRICE FLOAT,
    QUANTITY INT,
    TOTALPRICE FLOAT,
    IMAGE VARCHAR(MAX)
CONSTRAINT [PK_TBL_CART] PRIMARY KEY CLUSTERED
(
    [CARTID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]
```

90 %

Results | Messages

	CARTID	GLASSID	USERID	INVID	PRICE	QUANTITY	TOTALPRICE	IMAGE
1	C111	GL03	US07	INV-4147	250	3	750	https://i.pinimg.com/originals/bd/22/ca/bd22caf4c...
2	C230	GL02	US02	INV-343	200	3	600	https://i.pinimg.com/originals/23/3c/cb/233ccb3e2...
3	C239	GL19	US01	INV-5581	320	1	320	https://i.pinimg.com/originals/84/5d/0d/845d0d7a...
4	C28	GL02	US01	INV-5581	200	2	400	https://i.pinimg.com/originals/23/3c/cb/233ccb3e2...
5	C322	GL02	US07	INV-4147	210	1	210	https://i.pinimg.com/originals/23/3c/cb/233ccb3e2...
6	C411	GL01	US02	INV-343	160	4	640	https://i.pinimg.com/originals/86/07/f8/8607f80951...
7	C652	GL07	US01	INV-5581	120	1	120	https://i.pinimg.com/originals/4d/5b/10/4d5b10ab...
8	C70	GL01	US07	INV-4147	160	1	160	https://i.pinimg.com/originals/86/07/f8/8607f80951...

- TBL_INVOICE

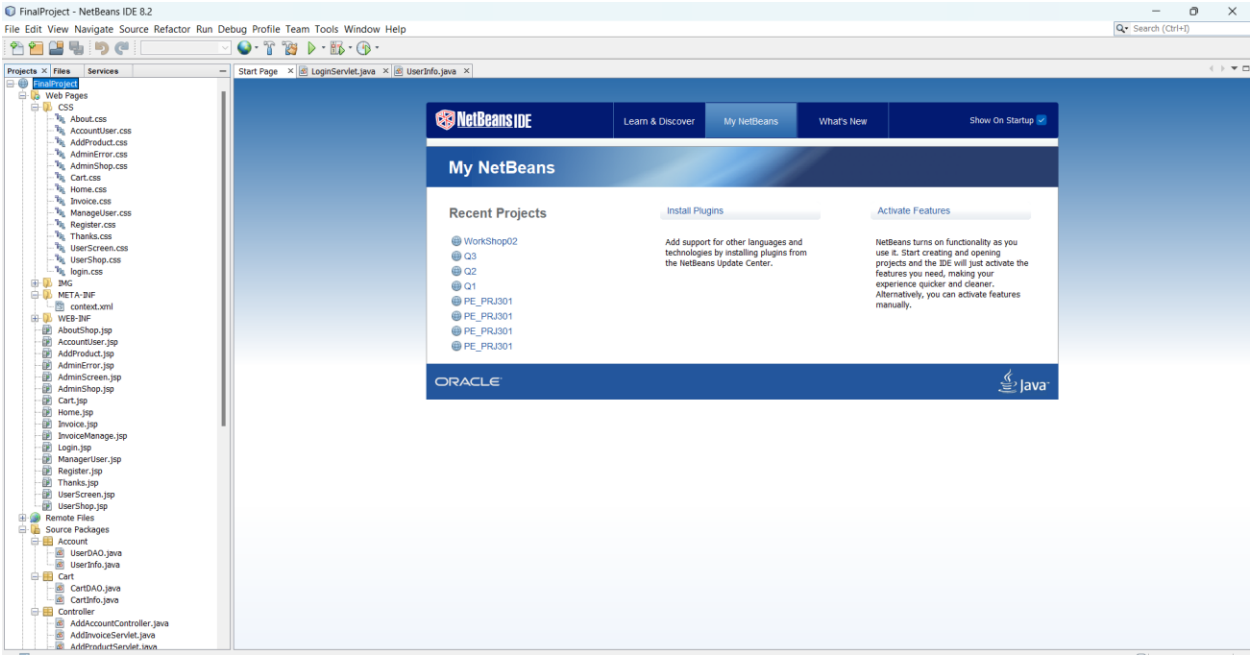


3. MVC2 Model

- Model: The model represents data structures.This includes classes like UserDTO, InvoiceDTO, and GlassesDTO, which seem to map to database tables. The model also includes Data Access Objects (DAOs) like UserDAO and InvoiceDAO, which handle database operations.

• View: The view is responsible for rendering the user interface. In the application, this includes JSP files like user.jsp and invoice.jsp. These files display data from the model to the user and capture user input.

• Controller: The controller handles user input and updates the model accordingly. In your application, this includes servlets like SearchUserController and DeleteController. These servlets receive HTTP requests, perform operations using the DAOs, and forward the request to the appropriate JSP for rendering the response.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File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
Projects
Files
Services
Start Page
LoginServlet.java
UserInfo.java
FinalProject
Web Pages
CSS
About.css
AccountUser.css
AddProduct.css
AdminError.css
AdminShop.css
Cart.css
Home.css
Invoice.css
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Register.css
Thanks.css
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UserShop.css
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IMG
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AccountUser.jsp
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UserInfo.java
Cart
CartDAO.java
CartInfo.java
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NetBeans IDE
Learn & Discover
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What's New
Show On Startup
My NetBeans
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WorkShop02
Q3
Q2
Q1
PE_PRJ301
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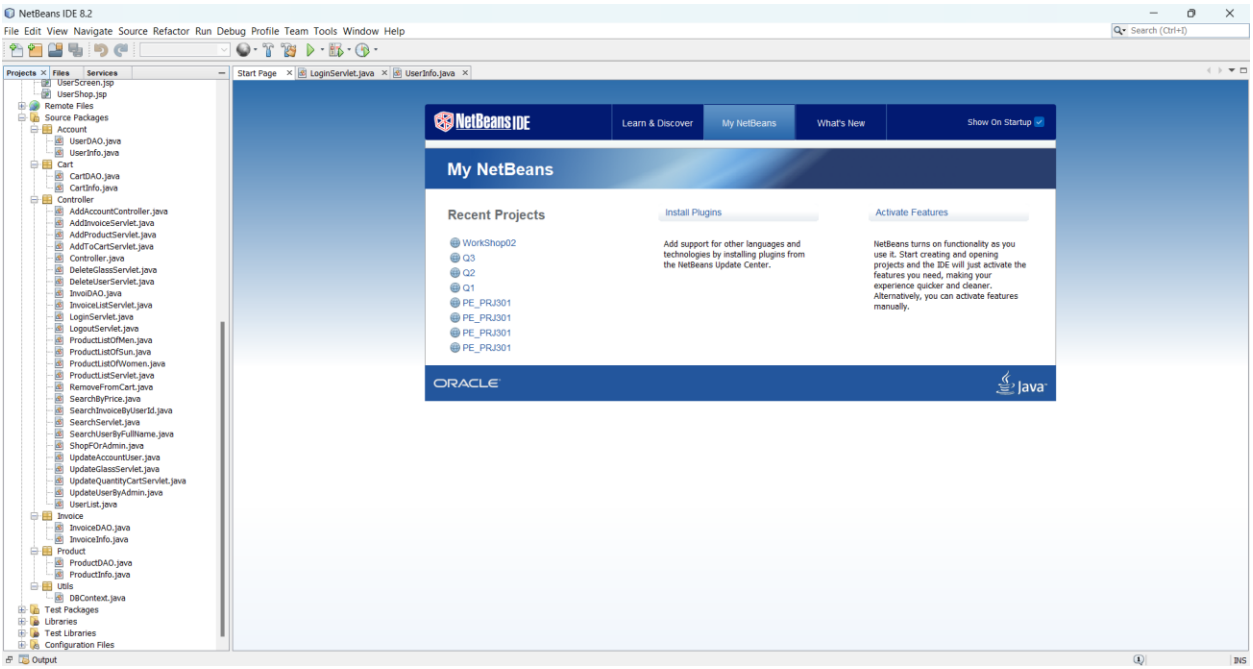
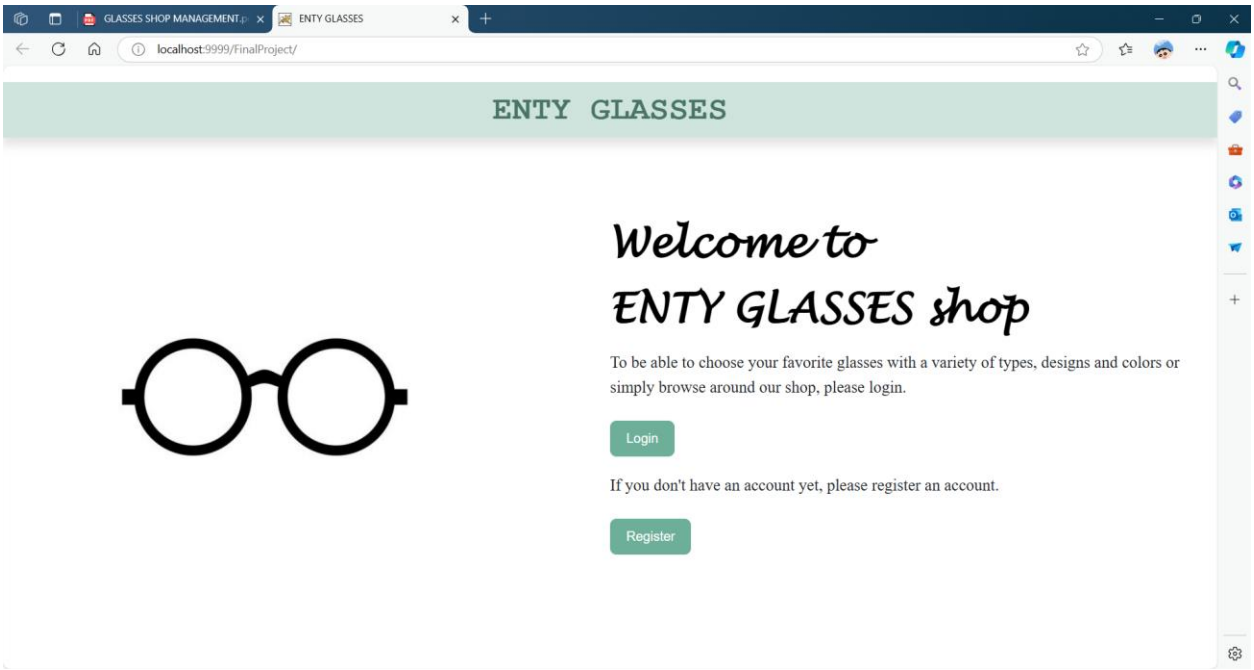
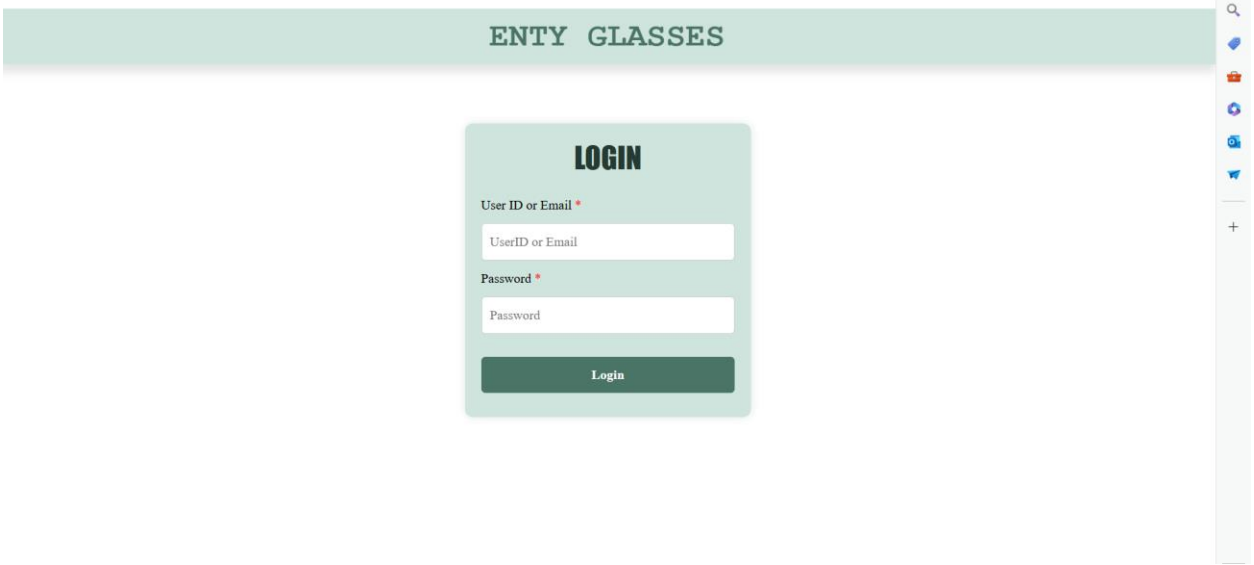
PE_PRJ301
Install Plugins
Add support for other languages and technologies by installing plugins from the NetBeans Update Center.
Activate Features
NetBeans turns on functionality as you use it. Start creating and opening projects and the IDE will just activate the features you need, making your experience quicker and cleaner. Alternatively, you can activate features manually.
ORACLE
Java

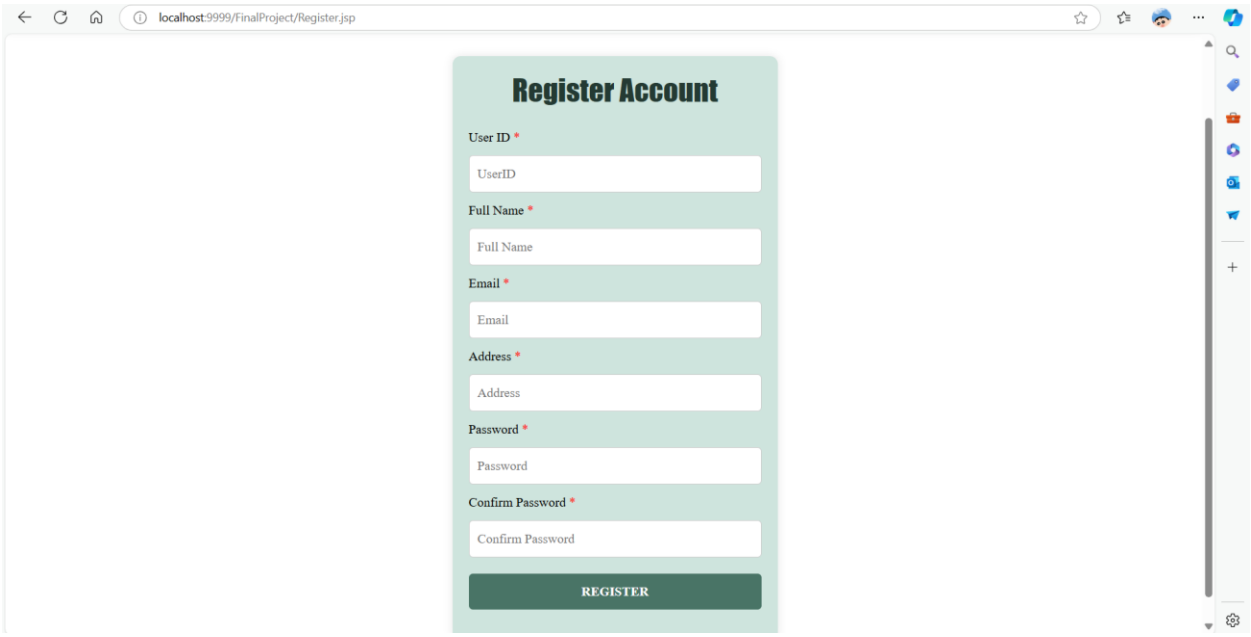

NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
Projects
Files
Services
Start Page
LoginServlet.java
UserInfo.java
UserScreen.jsp
UserShop.jsp
Remote Files
Source Packages
Account
UserDAO.java
UserInfo.java
Cart
CartDAO.java
CartInfo.java
Controller
AddAccountController.java
AddInvoiceServlet.java
AddProductServlet.java
AddToCartServlet.java
Controller.java
DeleteGlassServlet.java
DeleteUserServlet.java
InvoiDAO.java
InvoiceListServlet.java
LoginServlet.java
LogoutServlet.java
ProductListOfMen.java
ProductListOfSun.java
ProductListOfWomen.java
ProductListServlet.java
RemoveFromCart.java
SearchByPrice.java
SearchInvoiceByUserId.java
SearchServlet.java
SearchUserByFullName.java
ShopFOrAdmin.java
UpdateAccountUser.java
UpdateGlassServlet.java
UpdateQuantityCartServlet.java
UpdateUserByAdmin.java
UserList.java
Invoice
InvoiceDAO.java
InvoiceInfo.java
Product
ProductDAO.java
ProductInfo.java
Utils
DBContext.java
Test Packages
Libraries
Test Libraries
Configuration Files
NetBeans IDE
Learn & Discover
My NetBeans
What's New
Show On Startup
My NetBeans
Recent Projects
WorkShop02
Q3
Q2
Q1
PE_PRJ301
PE_PRJ301
PE_PRJ301
PE_PRJ301
Install Plugins
Add support for other languages and technologies by installing plugins from the NetBeans Update Center.
Activate Features
NetBeans turns on functionality as you use it. Start creating and opening projects and the IDE will just activate the features you need, making your experience quicker and cleaner. Alternatively, you can activate features manually.
ORACLE
Java
Output
INS

II. Functional Requirements

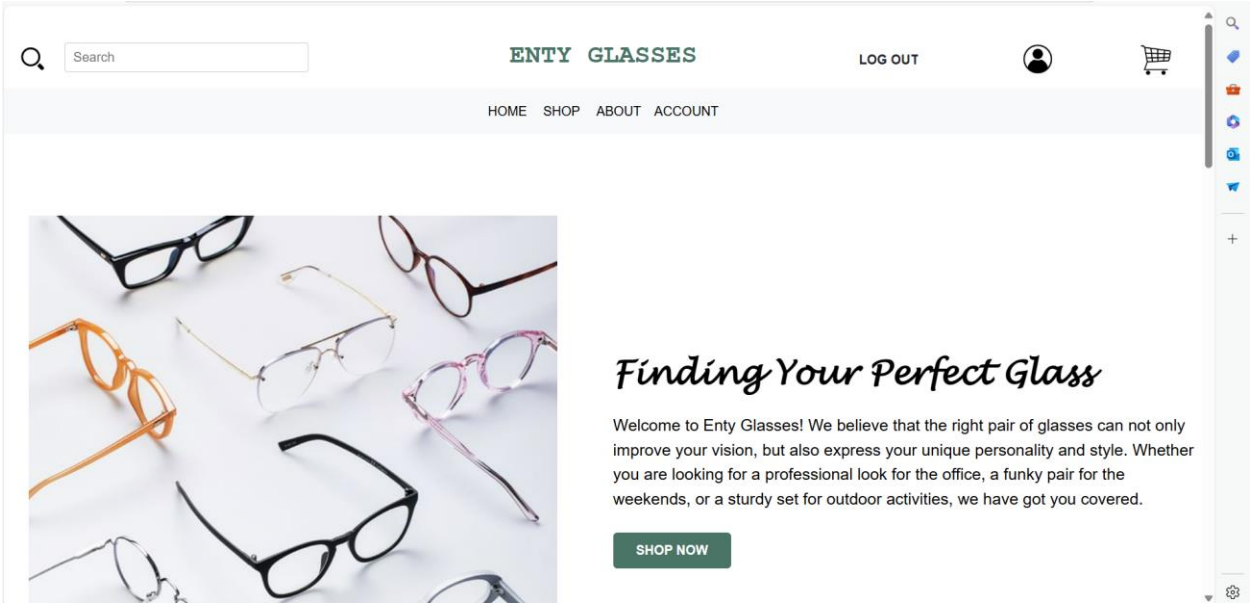
1. Login/ Register






localhost:9999/FinalProject/Register.jsp
Register Account
User ID *
UserID
Full Name *
Full Name
Email *
Email
Address *
Address
Password *
Password
Confirm Password *
Confirm Password
REGISTER

2. Home


Search
ENTY GLASSES
LOG OUT
HOME SHOP ABOUT ACCOUNT
Finding Your Perfect Glass
Welcome to Enty Glasses! We believe that the right pair of glasses can not only improve your vision, but also express your unique personality and style. Whether you are looking for a professional look for the office, a funky pair for the weekends, or a sturdy set for outdoor activities, we have got you covered.
SHOP NOW

HOT VOUCHER FOR USER!!!
BUY NOW!!!

5%

For bill exceeds 500$

10%

For bill exceeds 800$

15%

For bill exceeds 1000$

FREE SHIPPING

Enjoy our Free Shipping service as we ensure your glasses reach you safely, no matter where you are. We handle all

FREE RETURNS

We stand behind the quality of our products. If you are not completely satisfied with your purchase, return it for free.

CUSTOMER SUPPORT

Our dedicated Customer Support team is here to help you every step of the way. Whether you have questions about

COLLECTIONS

WOMEN GLASSES

COLLECTIONS

MEN GLASSES

COLLECTIONS

SUN GLASSES

ENTY GLASSES

Whether you are looking for a professional look for the office, a funky pair for the

ABOUTS

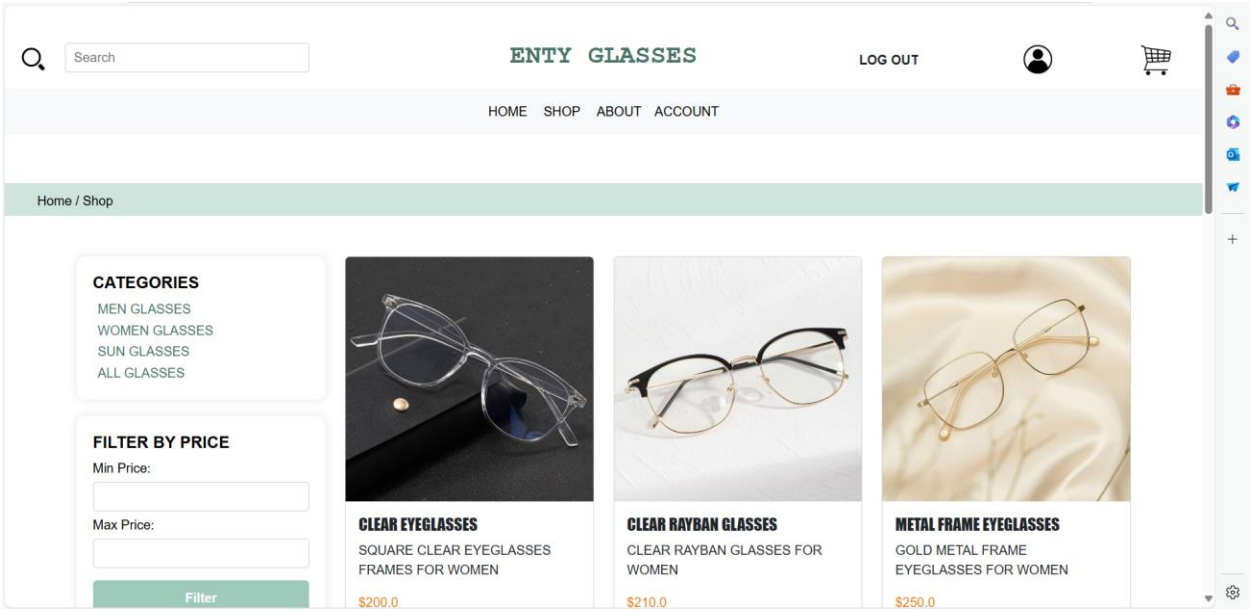
WOMEN GLASSES
MEN GLASSES

CONTACT

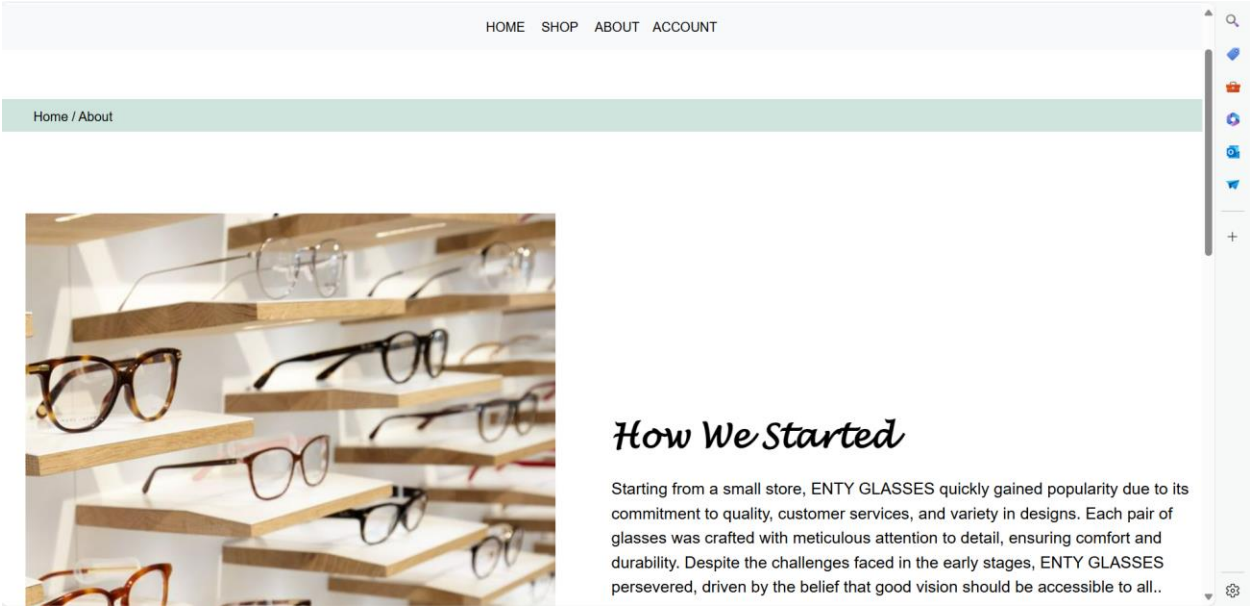
FPT Universary, HCM Campus.

phantttse180345@fpt.edu.vn

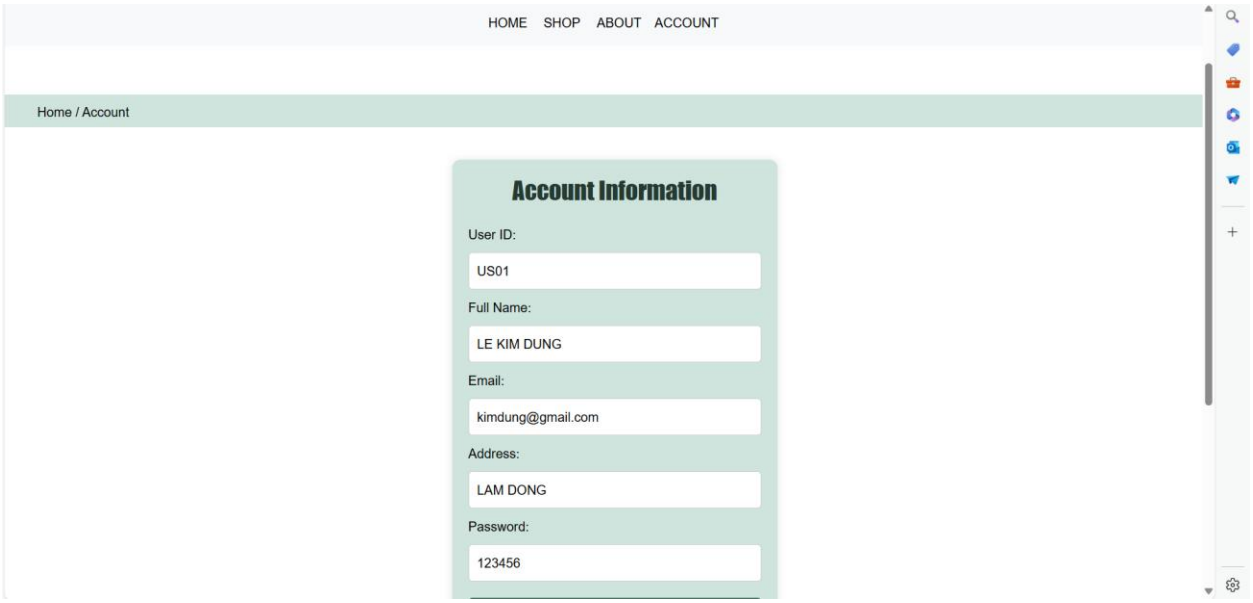
3. Glasses Shop



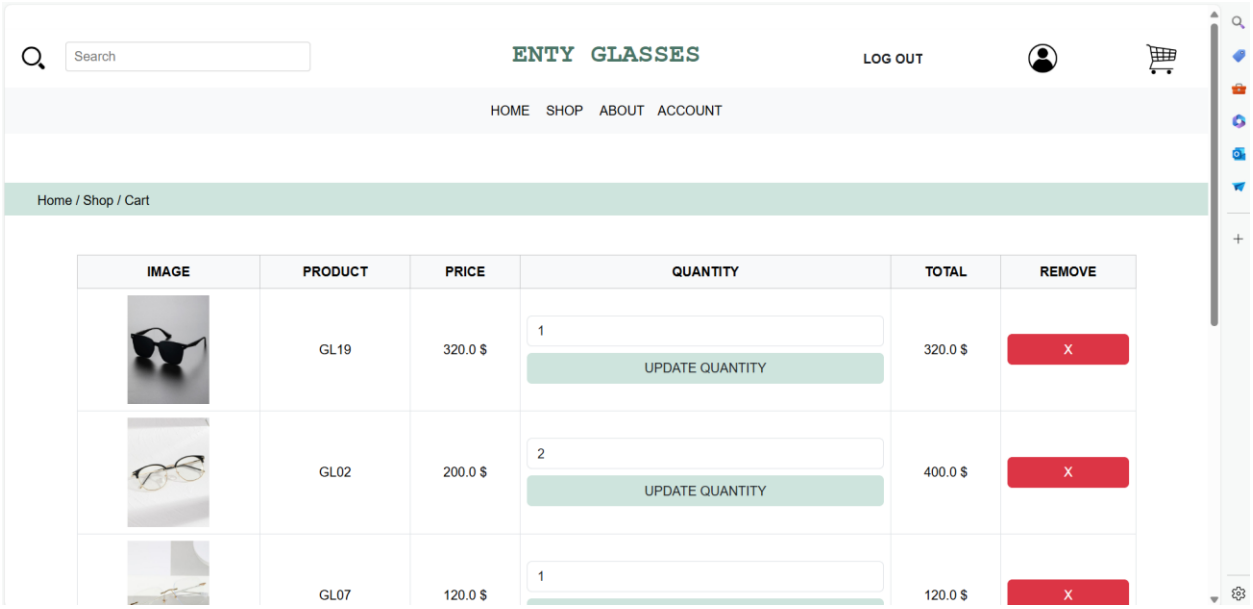
4. About Us

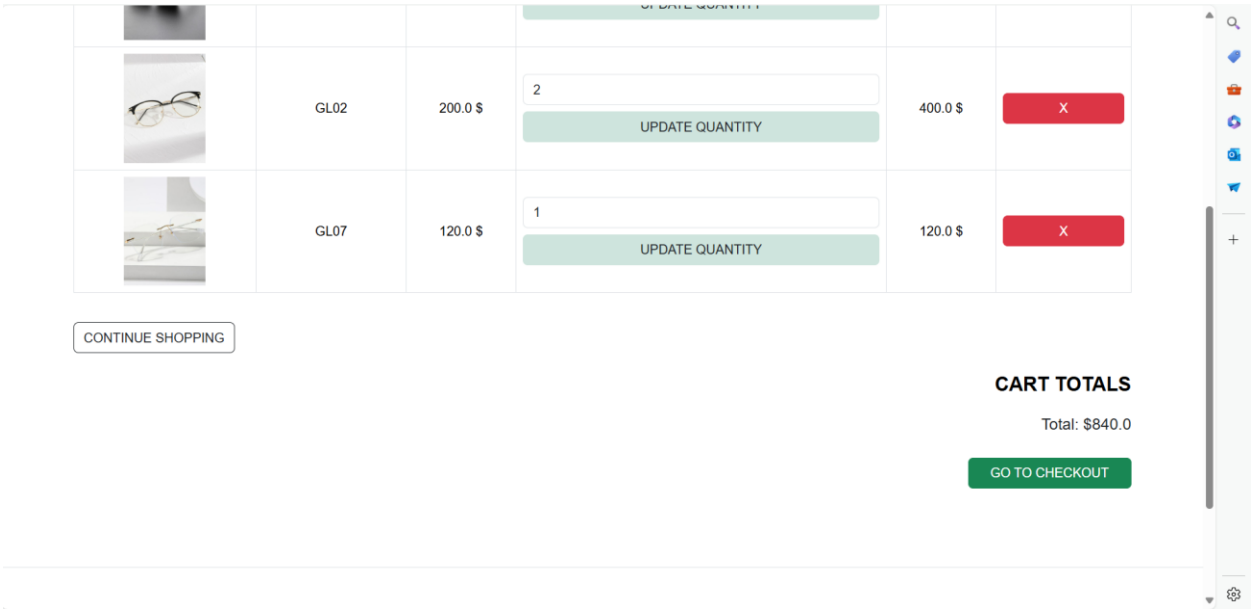


5. User information

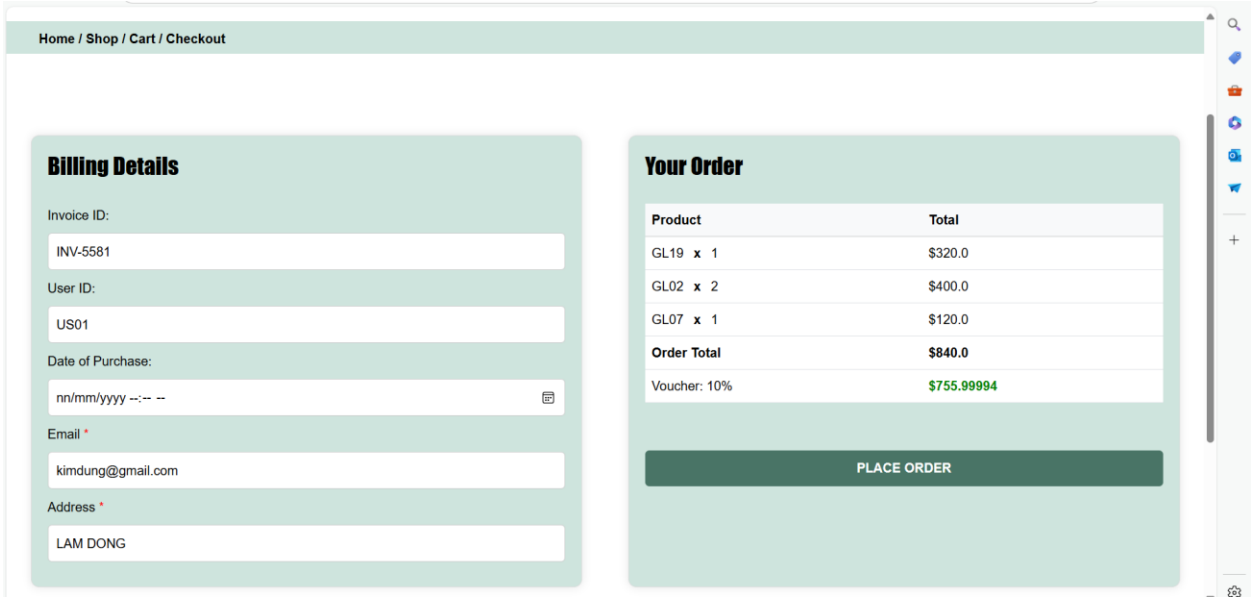


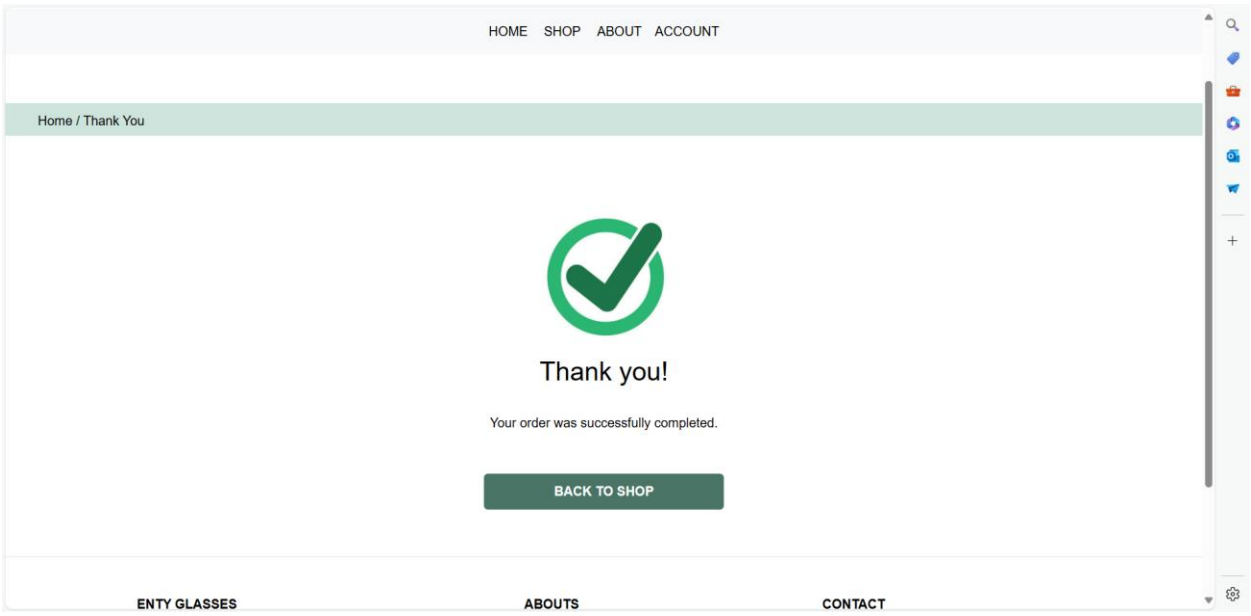
6. Shopping cart



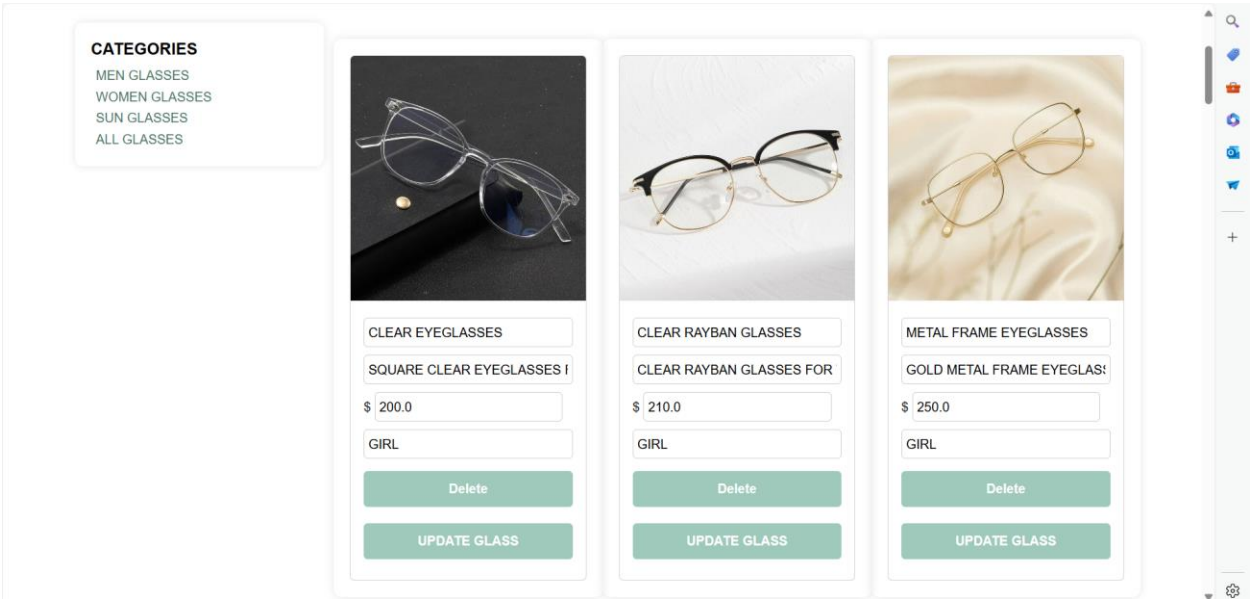


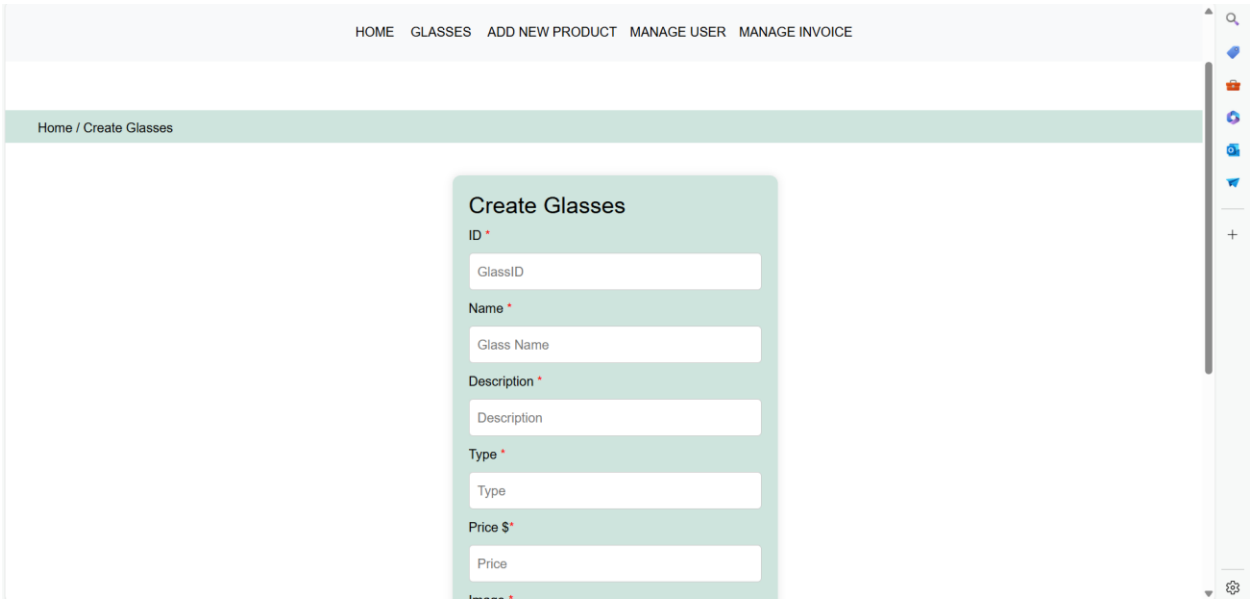
8. Invoice and checkout



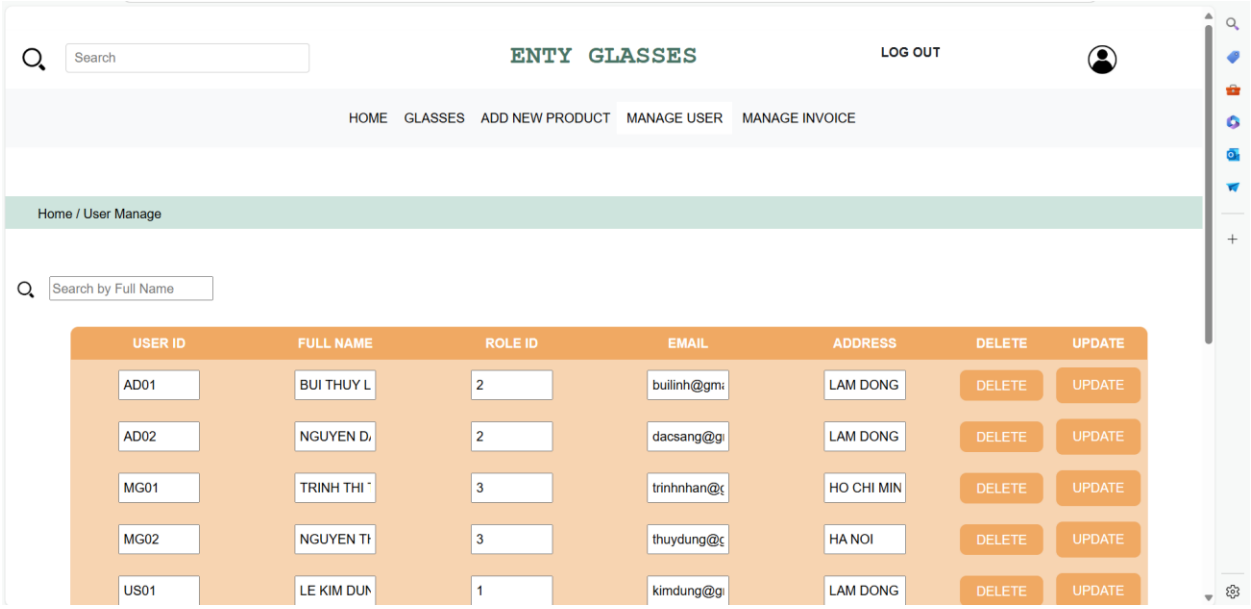


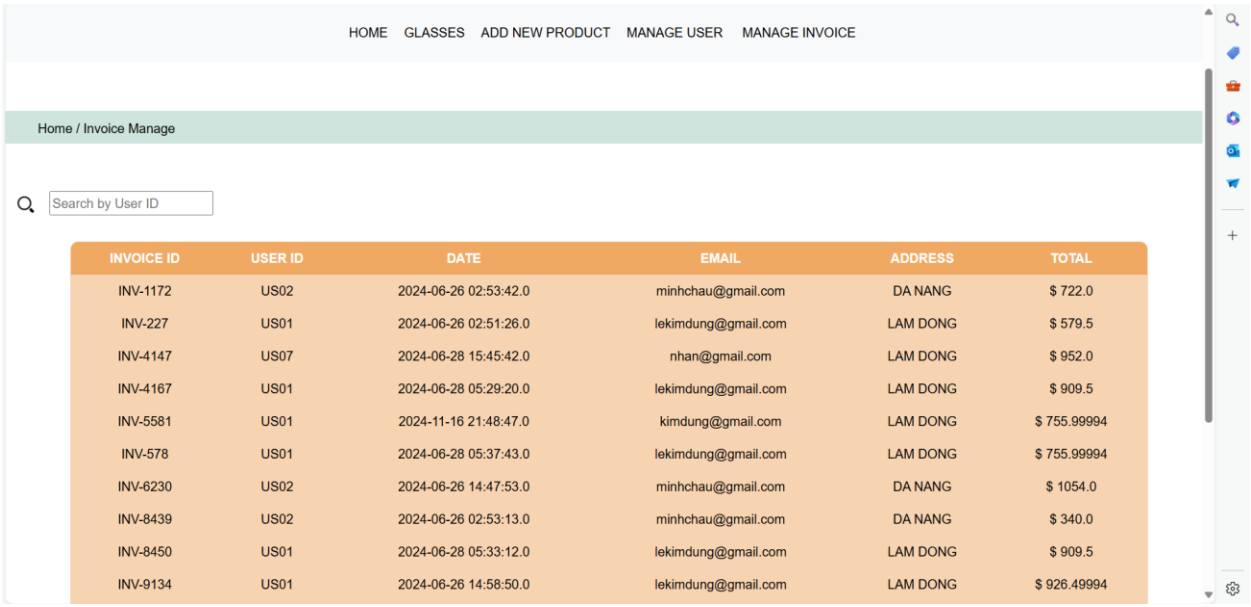
9. Admin (Manage glass)





10. Manager (manage user, glasses, invoice)





INVOICE ID	USER ID	DATE	EMAIL	ADDRESS	TOTAL
INV-1172	US02	2024-06-26 02:53:42.0	minhchau@gmail.com	DA NANG	$ 722.0
INV-227	US01	2024-06-26 02:51:26.0	lekimdung@gmail.com	LAM DONG	$ 579.5
INV-4147	US07	2024-06-28 15:45:42.0	nhan@gmail.com	LAM DONG	$ 952.0
INV-4167	US01	2024-06-28 05:29:20.0	lekimdung@gmail.com	LAM DONG	$ 909.5
INV-5581	US01	2024-11-16 21:48:47.0	kimdung@gmail.com	LAM DONG	$ 755.99994
INV-578	US01	2024-06-28 05:37:43.0	lekimdung@gmail.com	LAM DONG	$ 755.99994
INV-6230	US02	2024-06-26 14:47:53.0	minhchau@gmail.com	DA NANG	$ 1054.0
INV-8439	US02	2024-06-26 02:53:13.0	minhchau@gmail.com	DA NANG	$ 340.0
INV-8450	US01	2024-06-28 05:33:12.0	lekimdung@gmail.com	LAM DONG	$ 909.5
INV-9134	US01	2024-06-26 14:58:50.0	lekimdung@gmail.com	LAM DONG	$ 926.49994