FINAL REPORT

ONLINE SHOPPING STORE

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1. INTRODUCTION:

An Online Shopping Store Program that the user can use to buy products from it.
The online fashion store project brings together a curated collection of clothing, accessories, and footwear from a diverse range of brands, designers, and styles. It offers a user-friendly website or mobile app interface that enables customers to browse through an extensive catalog and discover new fashion items.
Customer satisfaction is a top focus for the online fashion store project. It offers safe online transactions, different payment choices, and swift shipping and delivery services to provide a hassle-free purchasing experience. The project may also offer many advantages for the user such as: a variety in the products , Shopping cart to add or remove the product from it , Wishlist to add his/her favorite products , Promotion and sales , Gift Card, Sales report, Review to rate and add comments ,finally the process of payment as: Payment , Shipping tracker and Receipt.

STEPS TO CREATE ONLINE FASHION STORE IN C++ FROM SCRATCH:

1. Design the System
2.Set up the Development Environment
3.Create the Classes
4. Implement the Functionality
5. Test and Debug
6. Refine and Optimize
7. User Interface Design
8. Maintenance and Updates

WORK DISTRIBUTION:

Work distribution was well-organized. First, we brainstormed many project ideas. After that, we have decided to work on the Online Fashion Store project that will be presented further in the document. Then, ideas were gathered about the chosen project's concept and the starting point for the project. Second, the project section included 4 Classes for each individual and at least 15 features.
At the same time, our team members helped each other, so if one of the team members needed help with something, the rest of the team assisted.

2.PROBLEM:

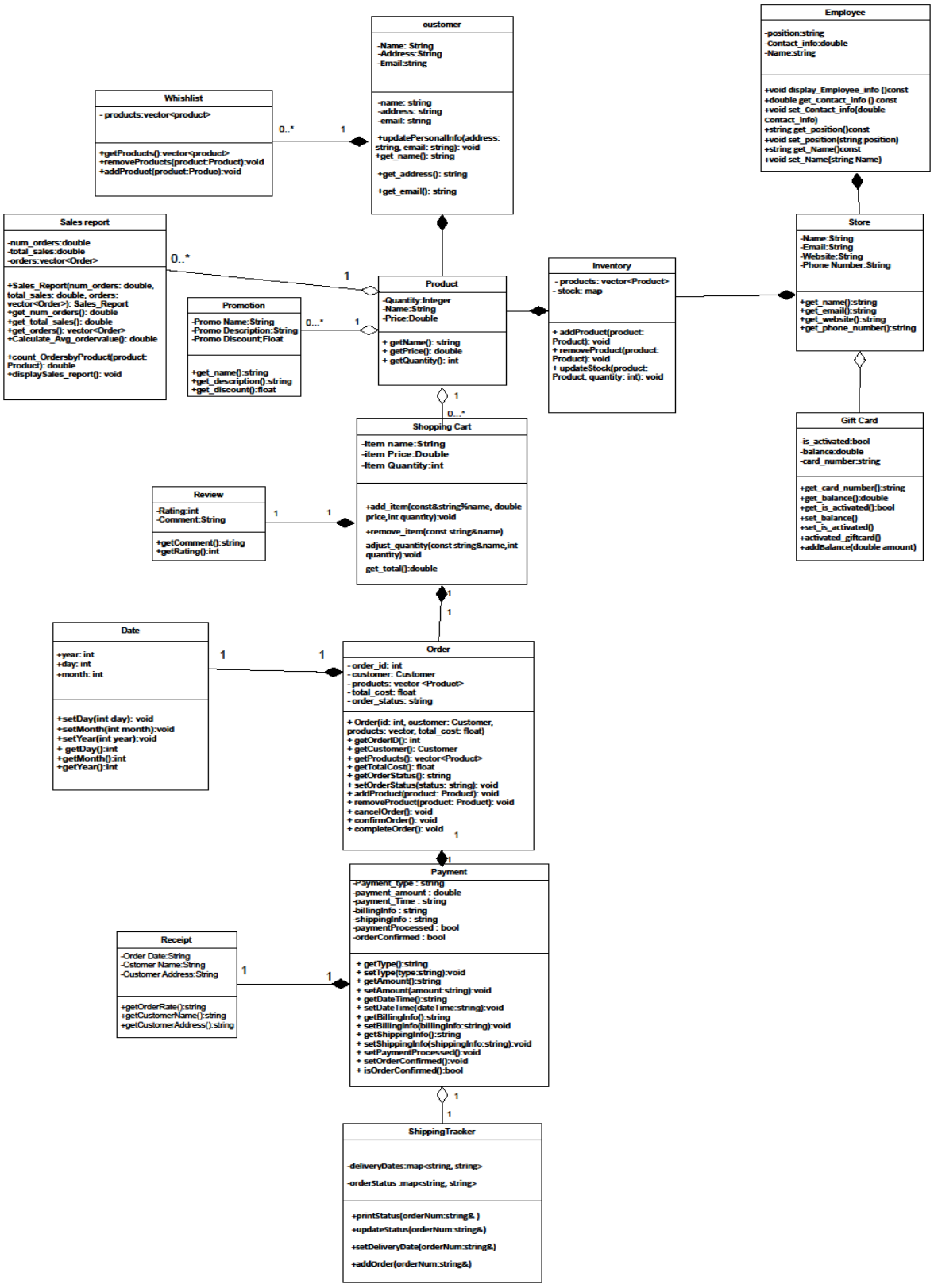
The first issue is that shopping in stores requires a lot of time, especially for customers who have busy schedules and have limited mobility.

The second issue is that fashion stores often do not have enough space to display a wide range of products, and this limits customers' choices and makes it difficult to find different styles and sizes.

PROPOSED SOLUTION:

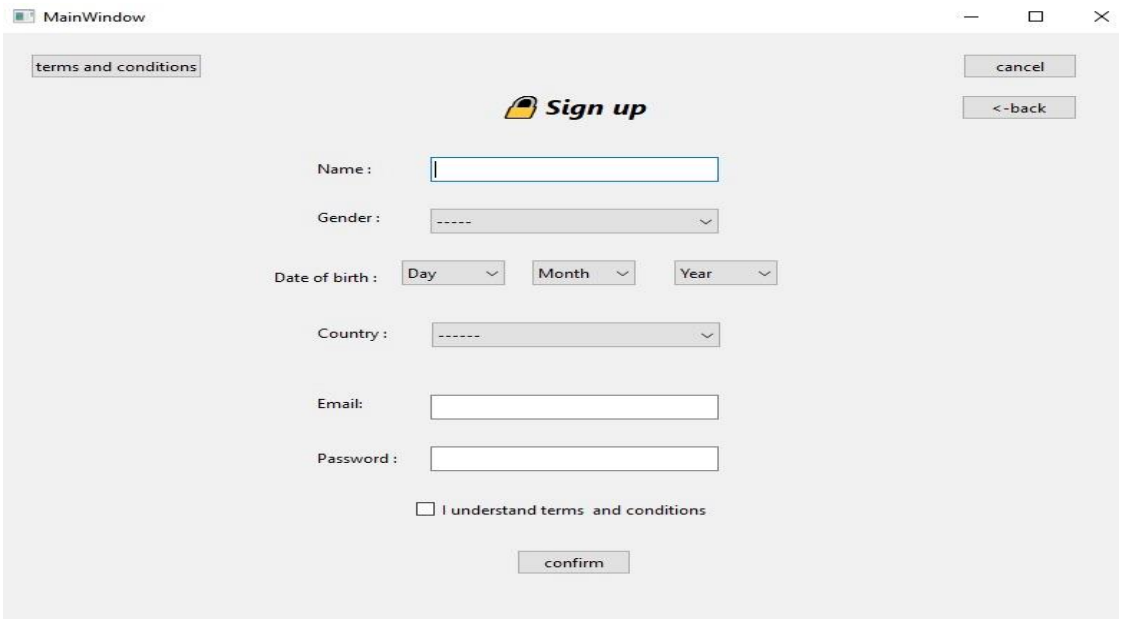
The solution is to make an online shopping store that helps the user to save time and effort. By make the user buy everything online without making any effort or wasting time.
On the other hand, it is not limited by the space, so there is a variety of products and sizes.

3.CLASS DIAGRAM

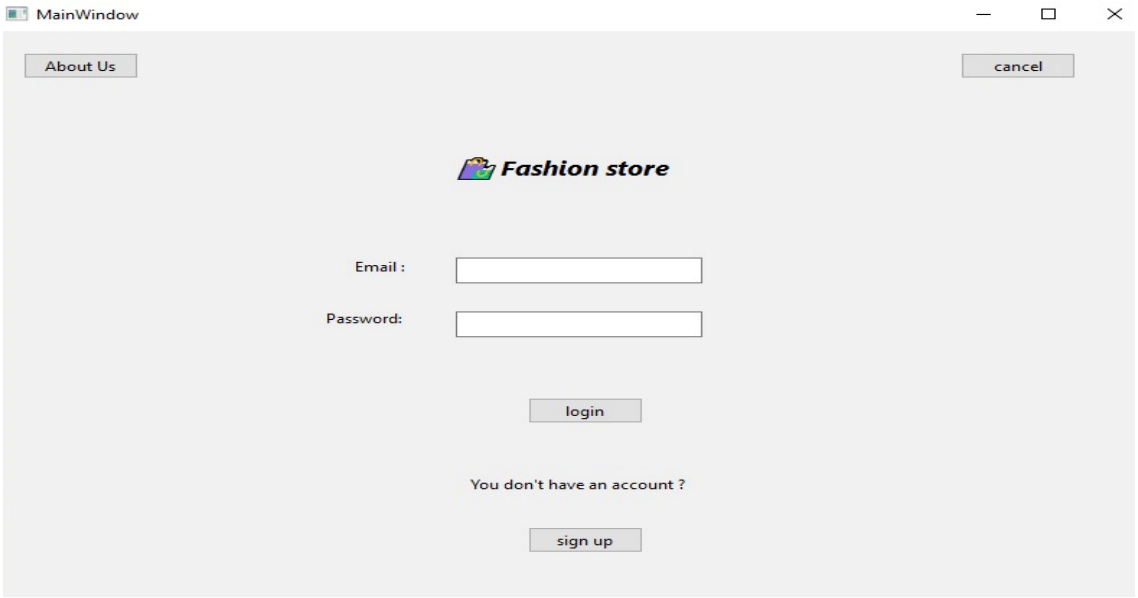


4. SAMPLE FOR GUI:

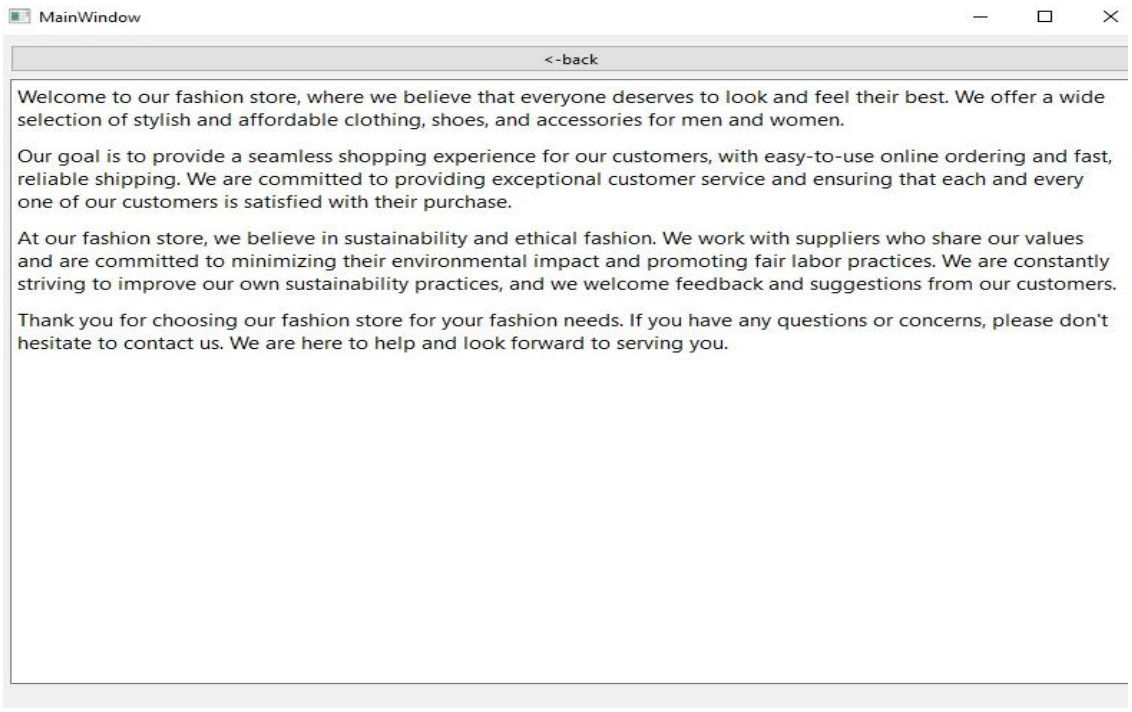
1.To Sign up



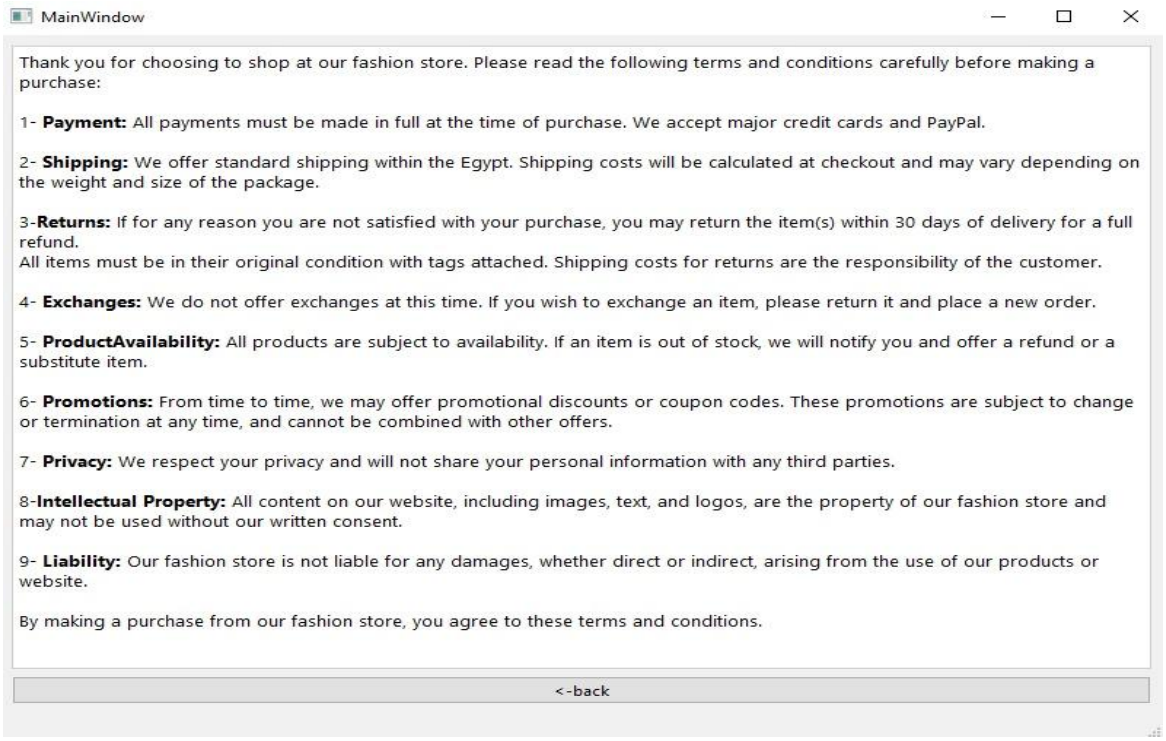
2.To Log in



3. About The Store



4. Terms and Condition



5. HOW TO USE THE PROGRAM

First the user will set customer details like name, address, and contact information. Then will choose from a list that will appear to him/her whether he/she wants to see products available, place an order or optionally, add products to the Wishlist for future reference.

If he/she chooses to place an order he/she will start by adding the items to the shopping cart then will choose the quantity of each item, then proceed to checkout and select a payment method (credit card, gift card, etc.). Then he will be asked if he/she has a promotion code, and if his/her total amount exceeds 1000 EGP, discount will be applied automatically.

Finally, the order receipt will appear and the user will be asked to provide feedback and ratings.

The second part of our program will allow administrators to do many things. For example, manage the product inventory:

- Add new products to the inventory with details such as name, price, and quantity.
- Update product information like price, description, or availability.
- Remove products from the inventory if they are discontinued or out of stock.

Moreover, monitoring and managing orders, promotions and generating sales reports:

- Access sales reports to gain insights into overall sales, revenue, and top-selling products.
- Set filters to view reports based on specific criteria such as date range or product category.
- Generate reports in a readable format for analysis and decision-making.

6.CONCLUSION

IN CONCLUION, The online fashion store project in C++, which includes classes like User, Employee, Shopping Cart, Store, Shipping, Order, Wishlist, Promotion, Payment, Sales, Report, Review, and Time, assembles a comprehensive system to facilitate a seamless and efficient online shopping experience. With its broad set of classes, the online fashion store project in C++ provides a powerful and organized system for managing the full process of online fashion retail, from user interaction and product selection to order fulfillment and performance analysis. Its goal is to provide a user-friendly and efficient platform that fits the needs of both customers and employees, thereby improving the overall shopping experience.