



# **IACSD, Akurdi, Pune**

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## **Fashion 24 X 7 (Online Clothes Shopping Website)**

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### **• Project By :-**

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# INTRODUCTION

- Nowadays, the excitement of the customers for clothes shopping is getting crushed by crowdie malls, the long lines involved in the manual process of payments & what not. This is why many customers are opting to enjoy shopping from home instead of shopping at malls, shops etc.
- With the main objective of providing hassle-free online platform for online clothes shopping, this application provides different searching and sorting options. Also, some of the features like browsing variety of clothes products even without customer Login. The excitement of the customers for clothes shopping is getting crushed by crowdie malls, the long lines involved in the manual process of payments & what not. This is why many customers are opting to enjoy shopping from home instead of on site shopping.

# TECHNOLOGIES USED

Fashion 24 X 7 (Online Clothes Shopping Website) is made up of following components :-

- Front End:- ReactJS – React is a JavaScript Library for building user interfaces and useful in building single page applications. It also allows users to create reusable UI components.

- Back End:- Spring Boot Framework - Spring Boot is a Spring module that provides the RAD (Rapid Application Development) feature to the Spring framework. Spring Boot is a project that is built on the top of the Spring Framework. It provides an easier and faster way to set up, configure, and run both simple and web-based applications.

Database:- MySQL - MySQL is a widely used relational database management system (RDBMS) as it is free and open-source. MySQL is ideal for both small and large applications.

# TOOLS USED

- GitHub: - This tool is used to control versions of the application throughout the development phase. In which separate repositories were created so as to maintain modularity throughout the project.
- Spring Tool Suite - This tool contains the necessary JVM to compile the written code throughout the Software Development Phase of SDLC. Basic Debugger also used to detect errors in codes by the developer. Version: 3.9.18 RELEASE, Build Id: 2021091440905, Platform: Eclipse 2021-09 (4.21.0) is used in the project.
- Visual Studio Code: - Visual Studio Code is a streamlined code editor with support for development operations like debugging, task running, and version control. This tool provided the necessary GUI for developing front end code in ReactJS.

# DISTINGUISH BETWEEN GIT & GITHUB

S.No	Git	GitHub
1.	Git is a software.	GitHub is a service.
2.	Git is a command-line tool	GitHub is a Graphical User Interface.
3.	Git is a version control system to manage source code history.	GitHub is a hosting service for Git repositories.
4.	Git competes with CVS, Azure DevOps Server, Subversion, Mercurial, etc.	GitHub competes with GitLab, Bit Bucket, AWS Code Commit, etc.

# ENTITIES INVOLVED

Following are the entities involved in the proposed web application project :-

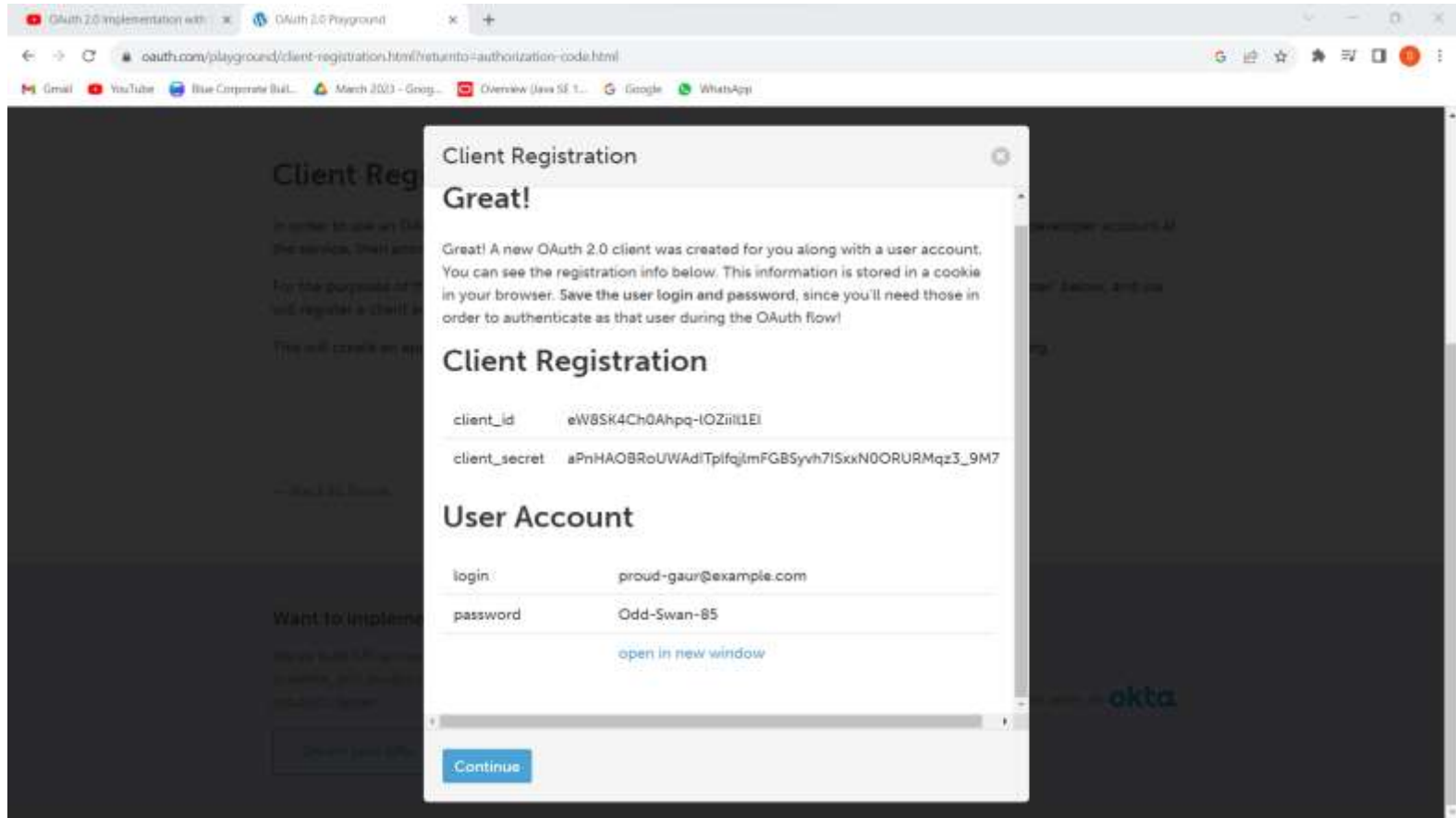
- Major Entities :- User / Product / Cart / OrderDetails / Address / Payment
- Minor Entities :- CartItem / OrderItem / ProductSize / Category
- OAuth Relations :- OAuthAccessToken / OAuthClientDetails / OAuthCode / OAuthClientToken / OAuthApprovals

# KEY FEATURES

Following are the key features of the proposed web application project :-

- The whole web application is hassle-free and provided best GUI.
- Security of the data is maintained properly by using in built Spring Security.
- Conditional Rendering is also used in order to achieve selective response generation.
- As it's an online web application and available for 24 x 7, customers may enjoy the shopping without any time constraints.

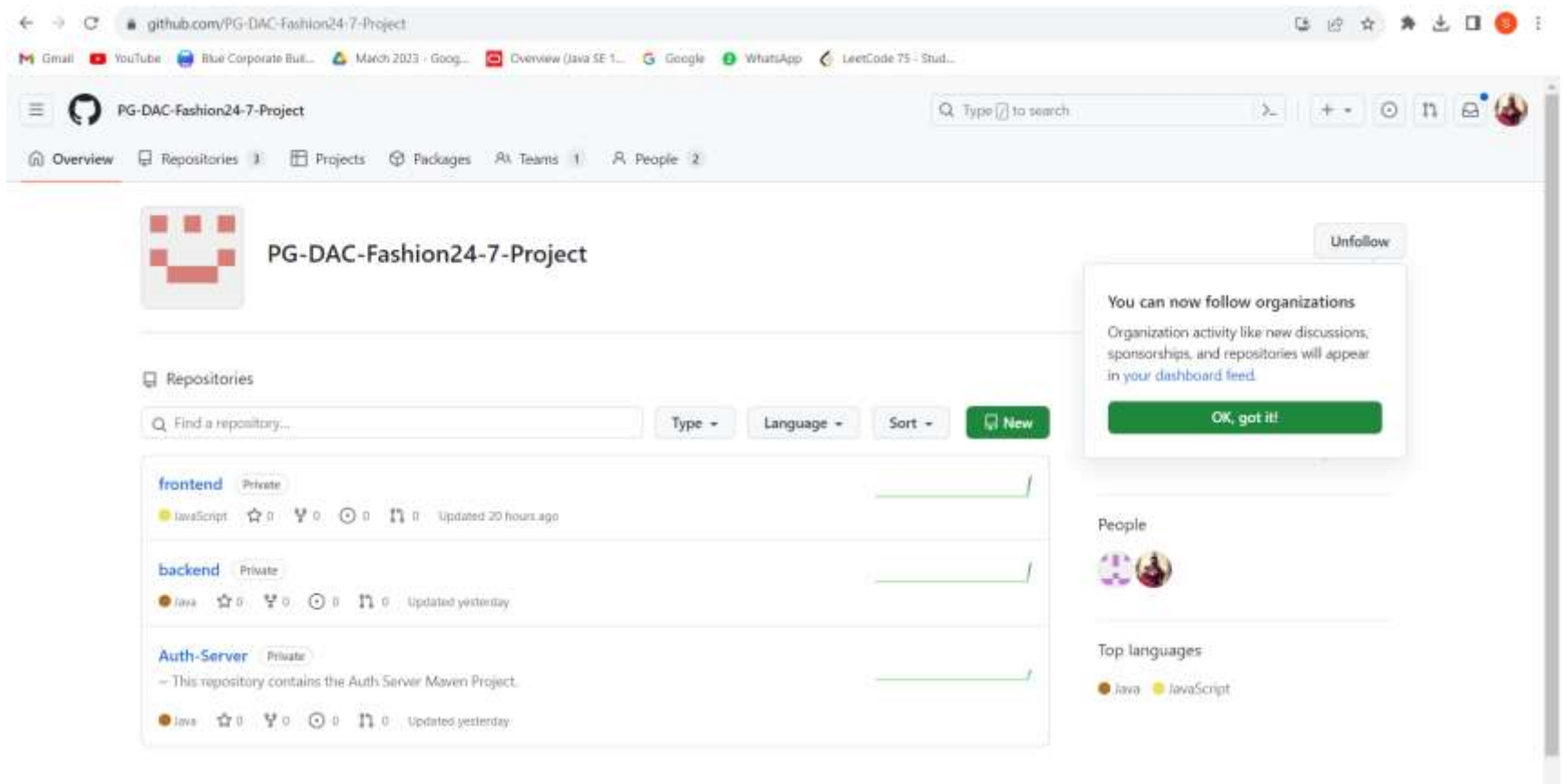
# SCREEN CAPTURES



## OAuth Client Registration

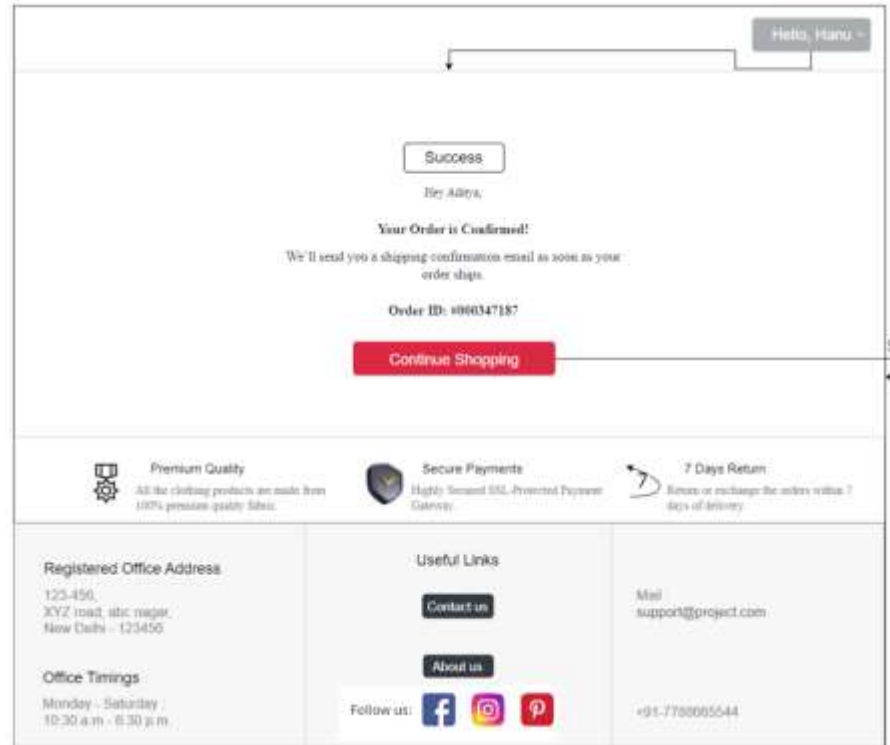
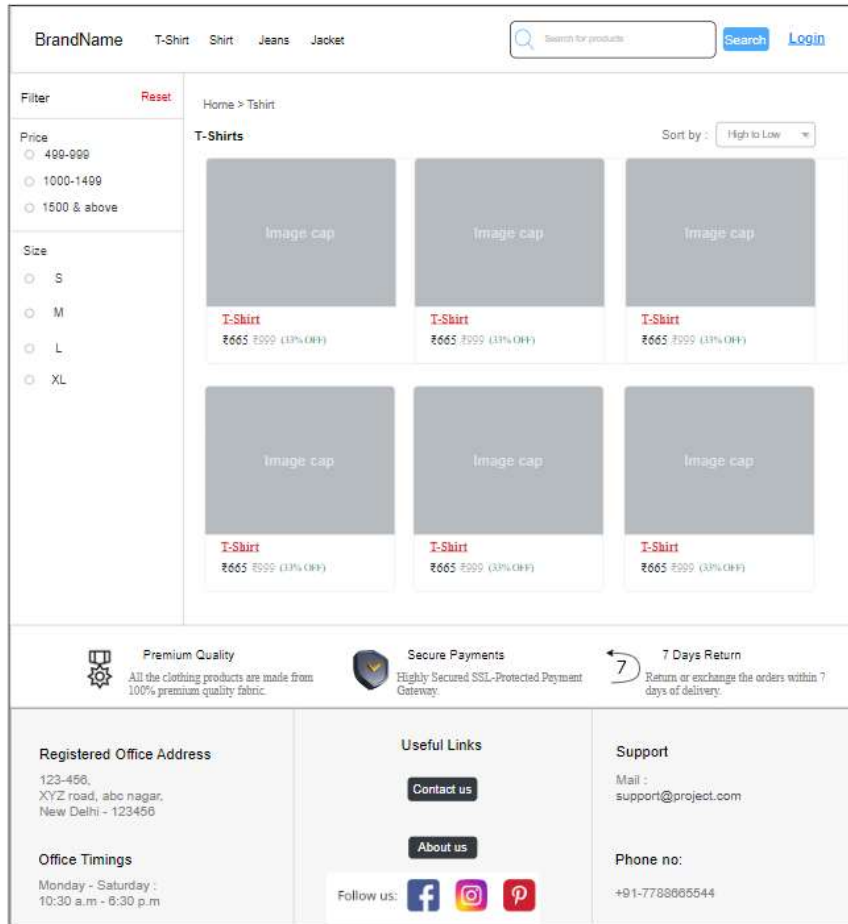


# SCREEN CAPTURES



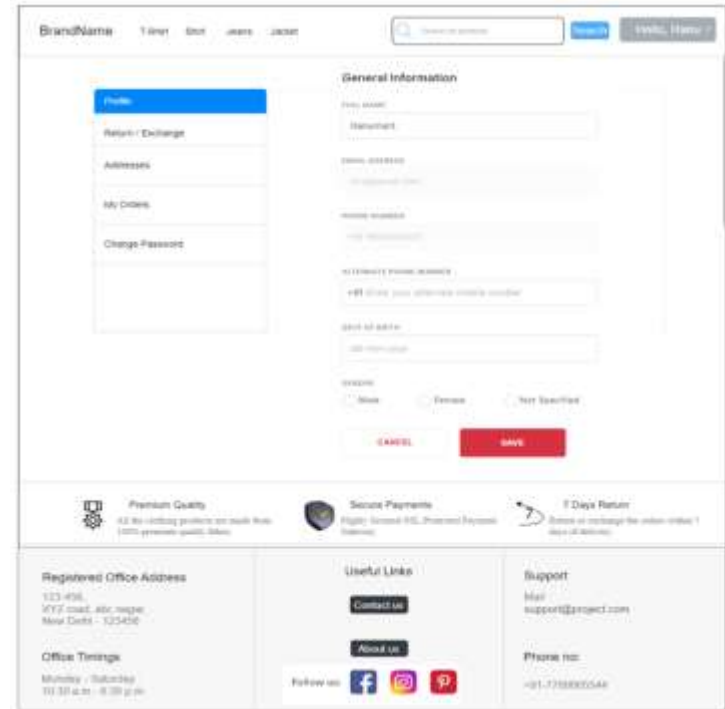
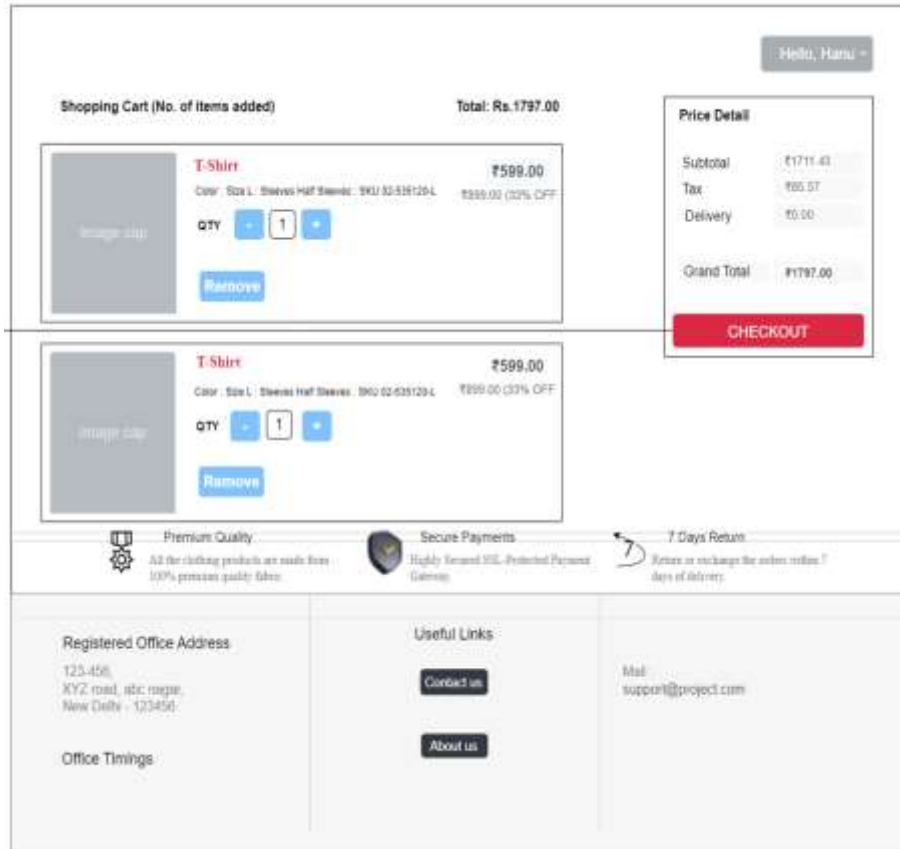
## GitHub (GUI)

# SCREEN CAPTURES



1. Successful Order
2. Products As Per Category

# SCREEN CAPTURES



3. Cart
4. User Information

# SCREEN CAPTURES

The screenshot shows the 'Signup' form on a website. At the top, there is a navigation bar with 'BrandName' and links for 'T-Shirt', 'Shirt', 'Jeans', and 'Jacket'. A search bar with the placeholder 'Search for products' and a 'Search' button is also present. The main content area contains the 'Signup' form with the following fields: 'Name', 'Email', 'Password', and 'Confirm Password'. Below these fields is a link 'Already member? [Signin](#)' and a 'Register' button. The footer section includes three icons with text: 'Premium Quality' (All the clothing products are made from 100% premium quality fabric), 'Secure Payments' (Highly Secured SSL Protected Payment Gateway), and '7 Days Return' (Returns or exchange the orders within 7 days of delivery). The footer also contains 'Registered Office Address' (123-456, XYZ road, abc nagar, New Delhi - 123456), 'Office Timings' (Monday - Saturday, 10:30 a.m - 6:30 p.m), 'Useful Links' (Contact us, About us), 'Follow us' (Facebook, Instagram, Pinterest), 'Mail' (support@project.com), and a phone number (+91-7788665544).

The screenshot shows the 'Login' form on a website. At the top, there is a navigation bar with 'BrandName' and links for 'T-Shirt', 'Shirt', 'Jeans', and 'Jacket'. A search bar with the placeholder 'Search for products' and a 'Search' button is also present. The main content area contains the 'Login' form with the following fields: 'Email' and 'Password'. Below these fields is a link 'New member? [Signup](#)' and a 'Login' button. The footer section includes three icons with text: 'Premium Quality' (All the clothing products are made from 100% premium quality fabric), 'Secure Payments' (Highly Secured SSL Protected Payment Gateway), and '7 Days Return' (Returns or exchange the orders within 7 days of delivery). The footer also contains 'Registered Office Address' (123-456, XYZ road, abc nagar, New Delhi - 123456), 'Office Timings' (Monday - Saturday, 10:30 a.m - 6:30 p.m), 'Useful Links' (Contact us, About us), 'Follow us' (Facebook, Instagram, Pinterest), 'Mail' (support@project.com), and a phone number (+91-7788665544).

5. Signup
6. Login

# SCREEN CAPTURES

BrandName T-Shirt Shirt Jeans Jacket Search for products Search Hello, Hanu

**My Profile**  
You can will update your profile information by click on edit profile button.

**Profile**  
Return / Exchange  
Addresses  
My Orders  
Change Password

**EDIT PROFILE**

**Profile Information:**  
Full Name: Hanumant Email: bha@gmail.com  
Phone Number: +91 9834559410 Alternate Phone Number:  
Date of Birth: Gender: Male

**Footer:**  
Registered Office Address: 123-456, XYZ road, abc nagar, New Delhi - 123456  
Office Timings: Monday - Saturday 10:30 a.m - 6:30 p.m.  
Useful Links: Contact us, About us  
Support: Email: support@project.com, Phone no: +91-778895544  
Follow us: Facebook, Instagram, Pinterest

## 7. My Profile

BrandName T-Shirt Shirt Jeans Jacket Search for products Search Hello, Hanu

**Change Password**

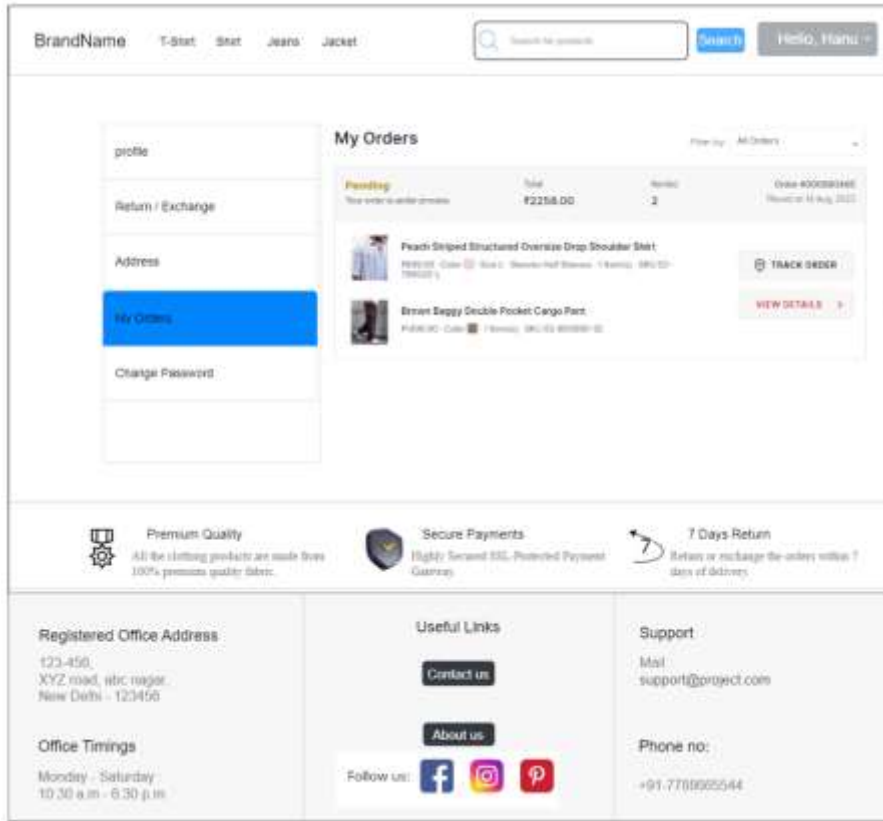
**profile**  
Return / Exchange  
Address  
My Orders  
Change Password

**Change Password Form:**  
Current Password: [Enter Current password]  
New Password: [Enter New password]  
Confirm Password: [Re-type new password]  
**Save**

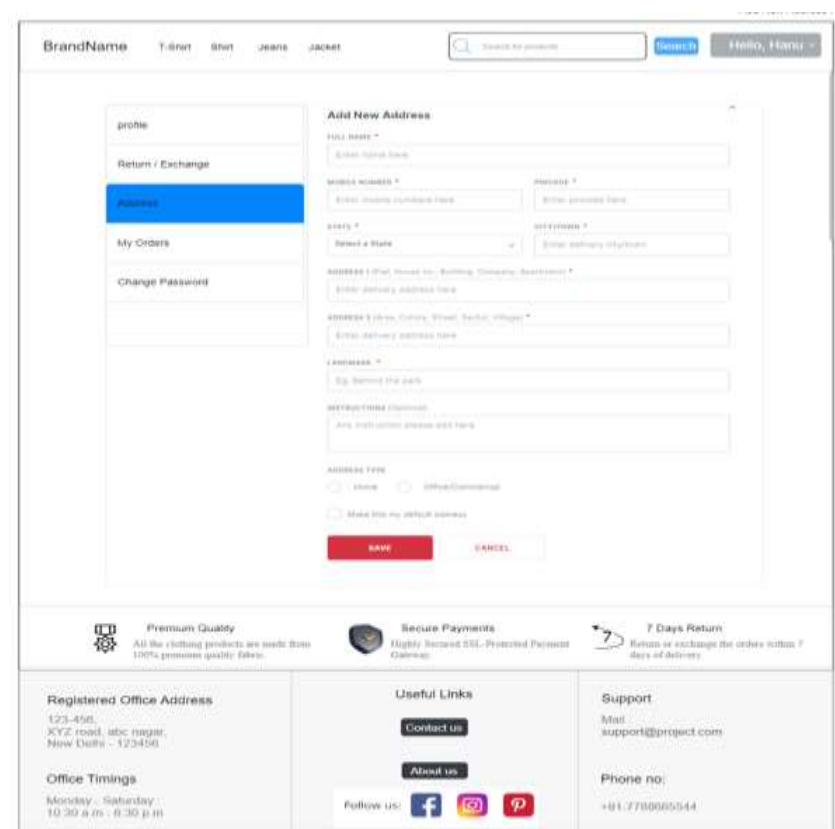
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Registered Office Address: 123-456, XYZ road, abc nagar, New Delhi - 123456  
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Useful Links: Contact us, About us  
Support: Email: support@project.com, Phone no: +91-778895544  
Follow us: Facebook, Instagram, Pinterest

## 8. Change Password

# SCREEN CAPTURES

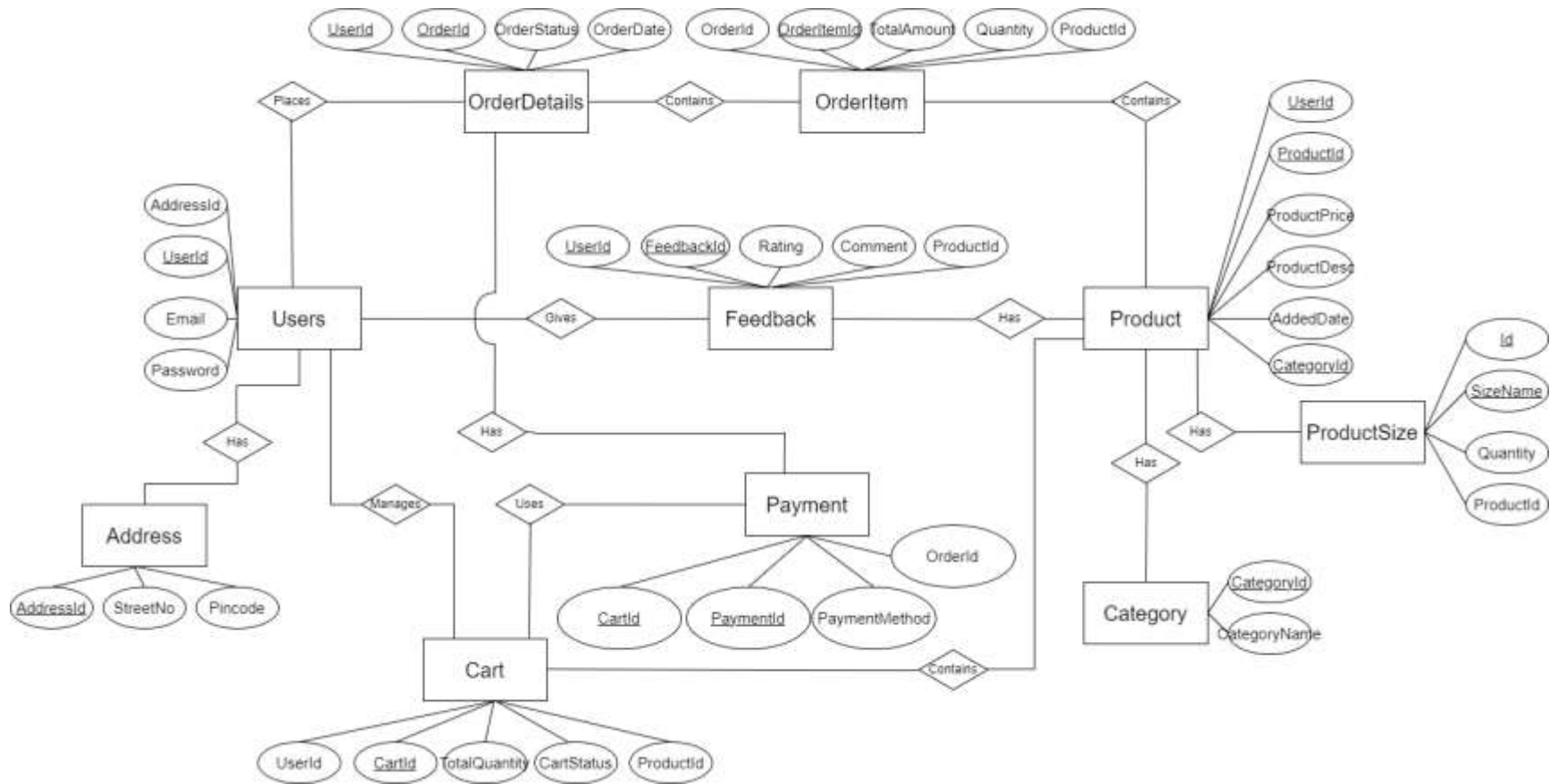


## 7. My Orders



## 8. User Address

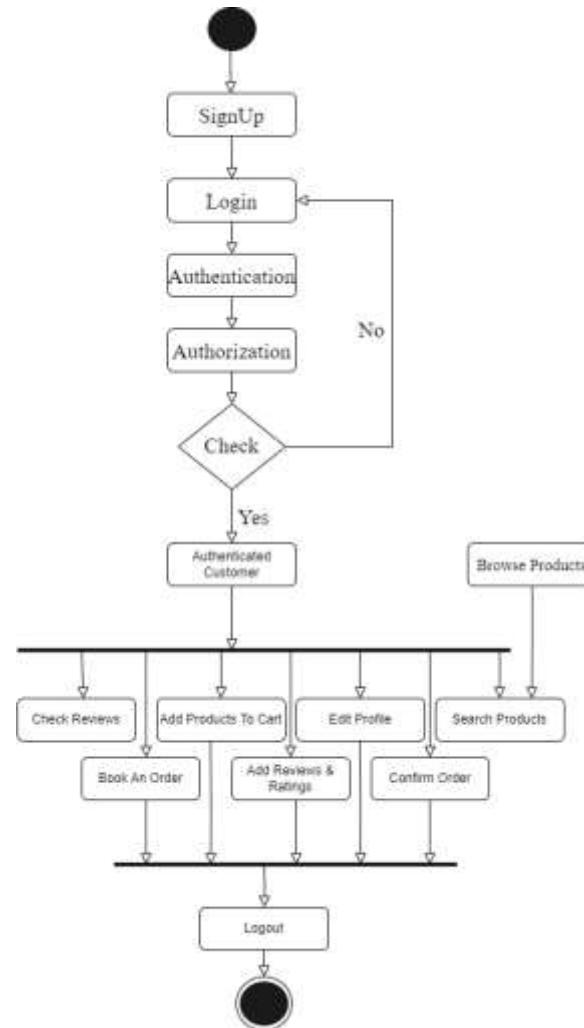
# E-R DIAGRAM



# ACTIVITY DIAGRAM

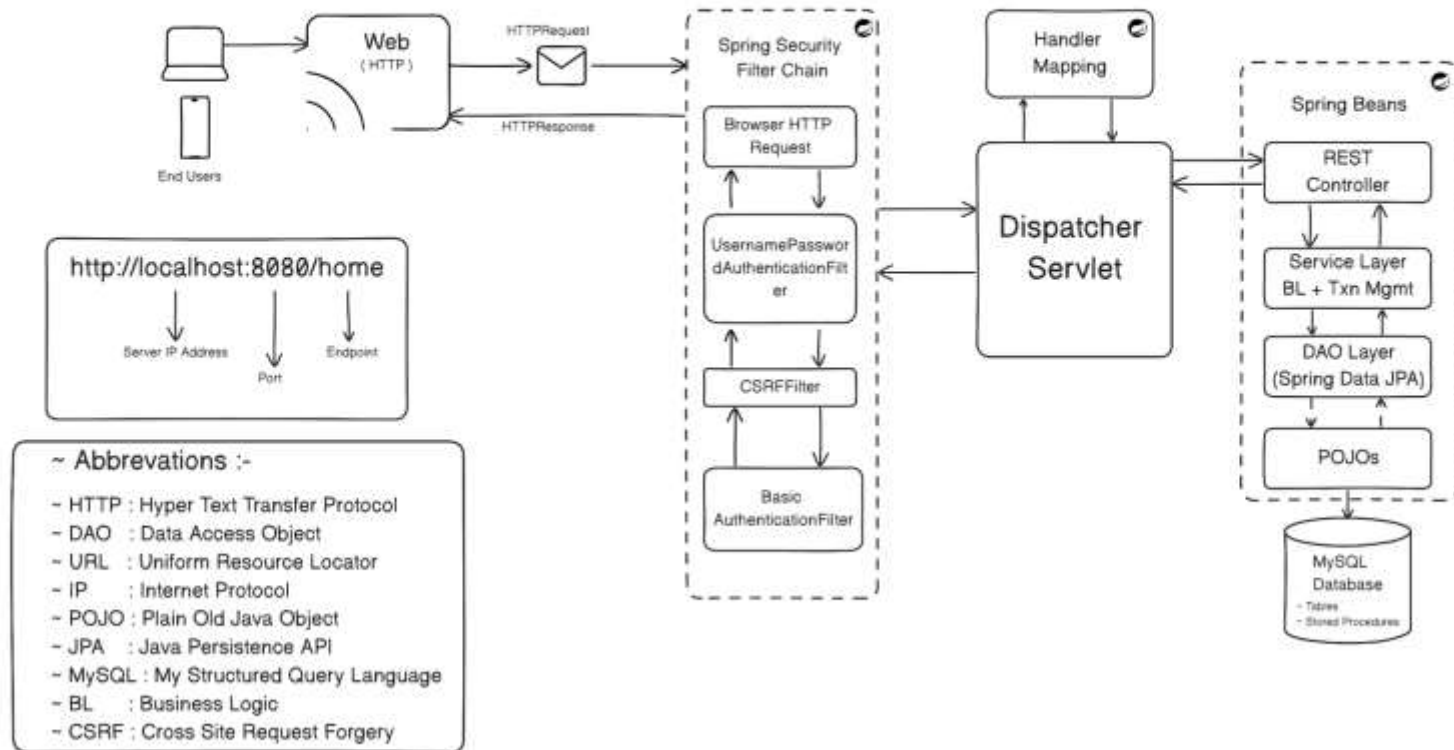
About:-

- In UML, the activity diagram is used to demonstrate the flow of control within the system rather than the implementation. It models the concurrent and sequential activities.
- The activity diagram helps in envisioning the workflow from one activity to another.





## Flow Diagram Of Spring Boot Dynamic Web Project ( MVC )



# CONCLUSION

- The project entitled Fashion 24 x 7 (Online Clothes Shopping Website) was completed successfully. The proposed web application has been developed with much care and free of errors and at the same time it is efficient and less time consuming.
- The purpose of this project was to develop a web application and provide a secured online platform for clothes shopping. This project helped us in gaining valuable information and practical knowledge on several topics like designing web pages using React.js, usage of responsive templates, designing of android applications, and management of database using MySQL.
- The entire system is secured by using Spring Security. Also, the project helped us understanding about the development phases of a project and software development life cycle.

# REFERENCES

Following references are considered throughout the development of Fashion 24 x 7 (Online Clothes Shopping Website):-

- Google for problem solving
- <https://www.tutorialspoint.com/java/>
- <http://www.javatpoint.com/java-tutorial>
- <https://docs.oracle.com/javase/tutorial/>
- Effective Java By Joshua Bloch
- <http://www.tutorialspoint.com/mysql>

# THANK YOU