

A PROJECT REPORT ON

# **Y-store**

Submitted In fulfillment for the award of the degree of

## **DIPLOMA IN COMPUTER ENGINEERING**

To

## **BHAGWAN MAHAVIR POLYTECHNIC**



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Under the Guidance of

**Megha Jogiya**

## **BHAGWAN MAHAVIR UNIVERSITY**



**Academic year**  
**(2024-2025)**

# **CERTIFICATE**

This is to certify that the domain work entitled “***Y-STORE***” has been carried out by Nishad Preeti(2227010601151), Patel Dhruvi(2227010601167),Patel Mansi(2227010601179),Ridham pandey(2227010601161) under my guidance in partial fulfillment during their subject **major project-1 in semester-v** of the Diploma in **computer Engineering** at **Bhagwan Mahavir polytechnic,Surat** affiliated to **Bhagwan Mahavir University,Surat** during the academic of year 2023-2024.

*Guided By*

*Ms.Megha Jogiya*

*Head of the Department*

# DECLARATION

We, The undersigned hereby declare that project report entitle “v-store” with specialreference to Bhagwan Mahavir Polytechnic written and submitted by us in partial fulfilments of requirements for the award of diploma of Computer Engineering under the guidance of **Ms. Megha Jogiya**, is my original work and interpretations drawn therein are based on material collected by ourselves.

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# ACKNOWLEDGEMENT

It is our pleasure to present this project of “YStore”.

At this moment, first of all we would like to thank the respected Head of the Department of our Computer Department who gave us more detail on project.

We are also thankful to our guide **Ms. Megha Jogiya** and many more things are guided to our project.

And finally, our sincere thanks to my batch-mate, who had provided us with innumerable discussions on many technicalities and friendly tips. Without this cordial and friendly support, this activity might be much tougher.

We are also thankful to our Parents, Friends and Others for their opinions and support in the system.

**Yours Thankfully**

Nishad Preeti R.

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# ABSTRACT

Ystore aims to enhance the shopping experience by providing a user-friendly platform that seamlessly integrates cutting-edge technology and innovative design. Featuring a diverse catalog ranging from fashion and electronics to home goods and lifestyle products, we cater to the unique preferences of our customers.

Key features include personalized recommendations, secure payment gateways, and efficient shipping options. Committed to exceptional customer service, Ystore strives to create a dynamic and engaging shopping environment that fosters loyalty and satisfaction.

## ListOfFigure

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2	2	Data Flow Diagram	
3	3	Activity Diagram	
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# ListOfAbbreviations

<b>HTML</b>	HypertextMark-upLanguage
<b>CSS</b>	CascadingStyleSheets
<b>JS</b>	JavaScript
<b>JSON</b>	JavaScriptObjectNotation
<b>DFD</b>	DataFlowDiagram
<b>ER</b>	EntityRelationshipDiagram

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# CHAPTER–1

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## INTRODUCTION

### Overview

**Welcome to Ystore — your ultimate online shopping destination! Discover a curated selection of high-quality products, from the latest fashion trends to innovative gadgets and home essentials.**

**We prioritize your shopping experience, offering seamless navigation, secure payment options and fast shipping. Whether you're searching for the perfect gift or treating yourself, our diverse range has something for everyone.**

### Objectives

# CHAPTER-2

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## **PROBLEMDEFINITIONS**

### **2. 1Problemidentification**

## **2.2 Problemsolution**

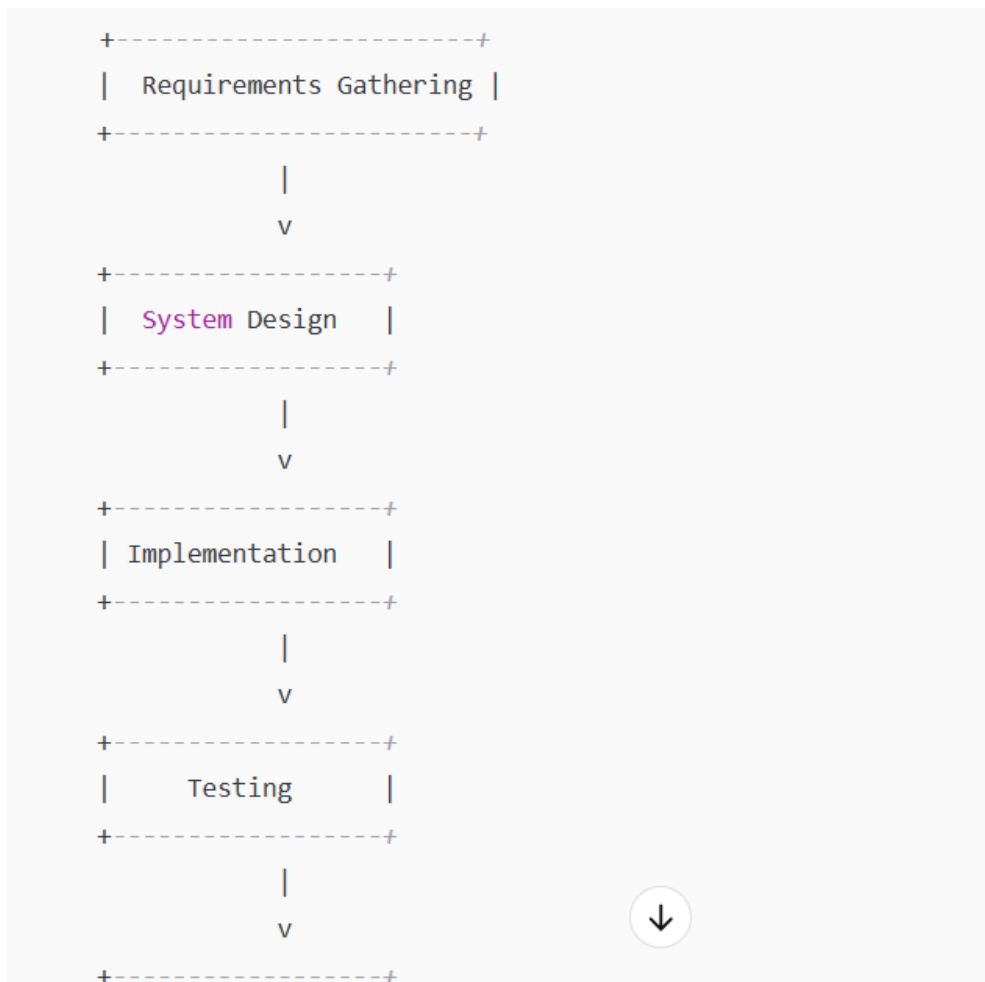
# CHAPTER-3

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## PROBLEMANALYSING

### WaterfallModel

A Waterfall model diagram for a Y-store website refers to the sequential development process in software development, where each phase is completed before the next one begins. The phases typically include Requirements, Design, Implementation, Testing, Deployment, and Maintenance. Below is an outline of how the Waterfall model could be applied to the development of a shoe store website:



## **HardwareRequirement**

- 

## **SoftwareRequirement**

## CHAPTER-4

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## **DataDictionary**

### **ExplanationofTables:**

#### **1. Customers:**

- CustomerID:Uniqueidentifierforthecustomer(PrimaryKey).
- FirstName,LastName:Customer'sname.
- Email,Phone:Contactinformation.
- Address:Customer'sdeliveryaddress.
- DateOfBirth:Customer'sbirthdate.

#### **2. Products:**

- ProductID:Uniqueidentifierforeachproduct(PrimaryKey).
- Name:Nameoftheshoeproduct.
- Description:Abriefdescriptionoftheshoe.
- Size,Color:Availablesizesandcolorsoftheshoe.
- Price:Retailpriceoftheshoe.
- StockQuantity:Thequantityoftheproductavailableinstock.
- Category:Typeofshoe(e.g.,sneakers,formalshoes,etc.).

#### **3. Orders:**

- OrderID:Uniqueidentifierforeachorder(PrimaryKey).
- CustomerID: Linked to Customers (Foreign Key), representing which customer made the order.
- ProductID: Linked to Products (Foreign Key), representing the product in the order.
- Quantity:Numberofitemsordered.
- OrderDate:Datewhentheorderwasplaced.
- Status:Currentstatusoftheorder(e.g.,Pending,Shipped,Delivered).
- TotalAmount:Totalcostfortheorder.
- PaymentMethod:Paymentmethodused(e.g.,CreditCard,PayPal,etc.).

#### **4. Payments:**

- PaymentID:Uniqueidentifierforeachpayment(PrimaryKey).

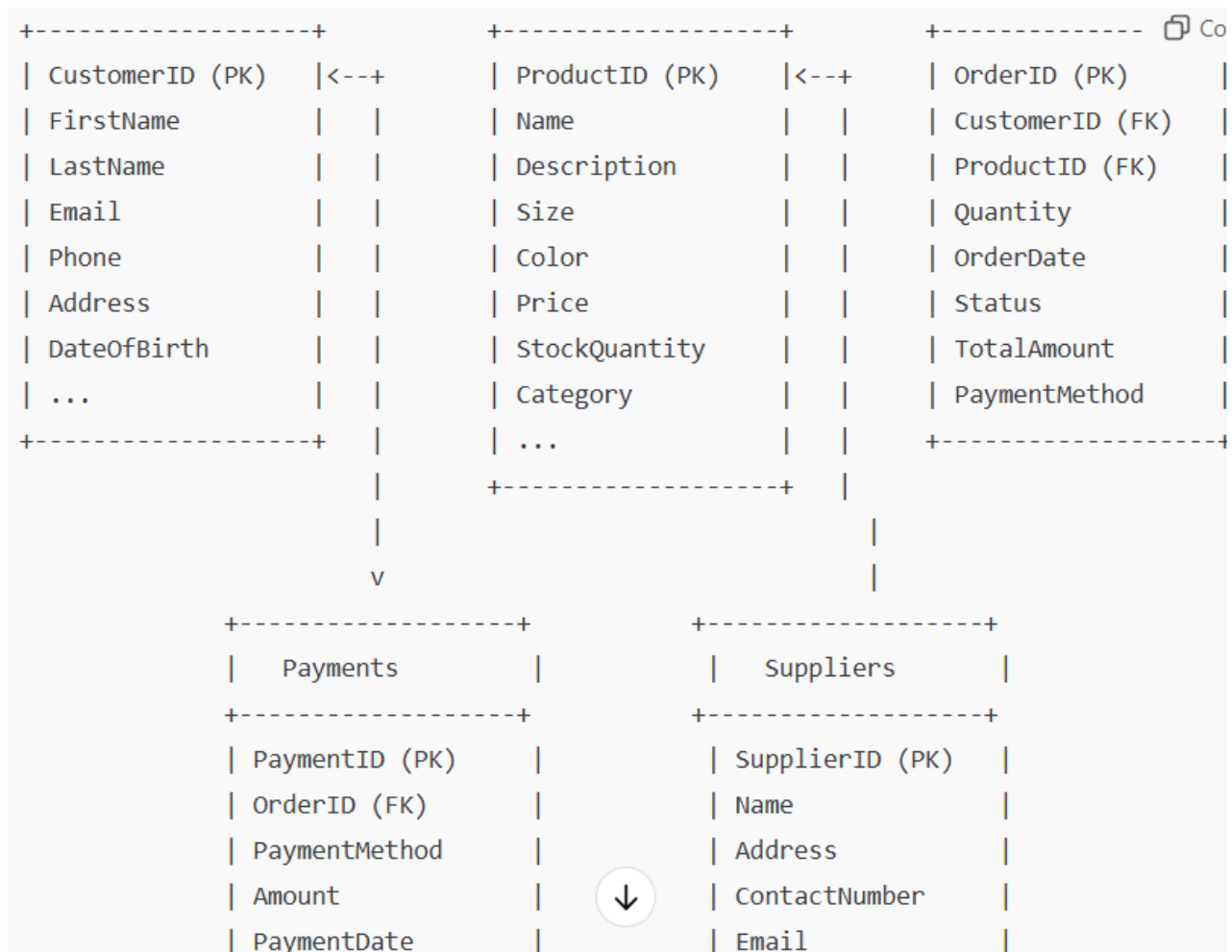


- OrderID: Linked to Orders (Foreign Key), representing the order that was paid.
- PaymentMethod: Method used for payment (e.g., Credit Card, PayPal).
- Amount: Amount paid for the order.
- PaymentDate: Date when the payment was processed.

#### 5. Suppliers:

- SupplierID: Unique identifier for each supplier (Primary Key).
- Name: Supplier's company name.
- Address: Supplier's contact address.
- ContactNumber: Phone number for contacting the supplier.
- Email: Email address of the supplier.

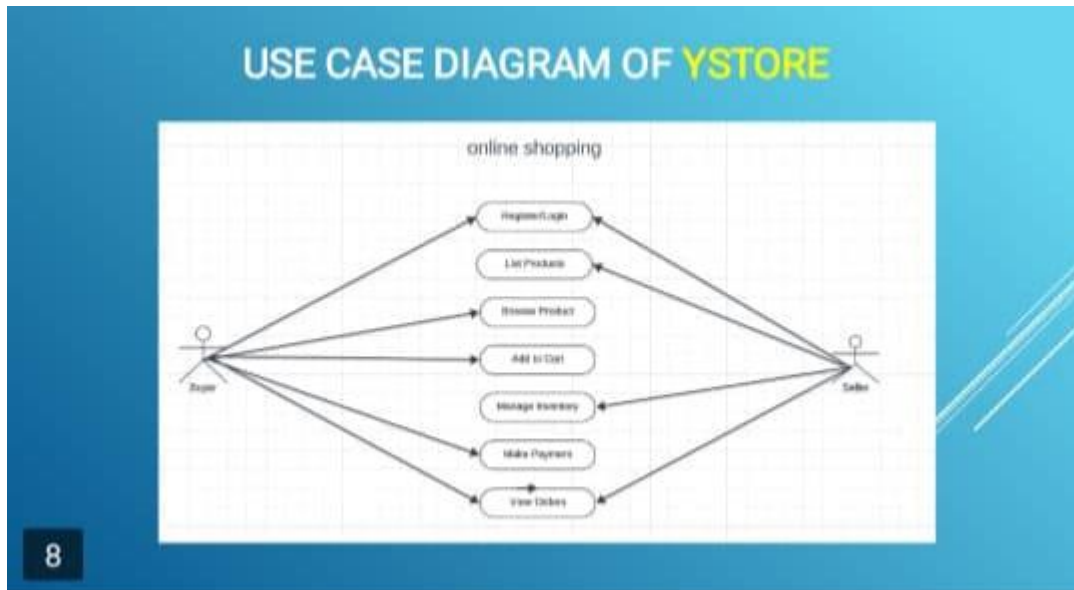
### Datadictionary diagram





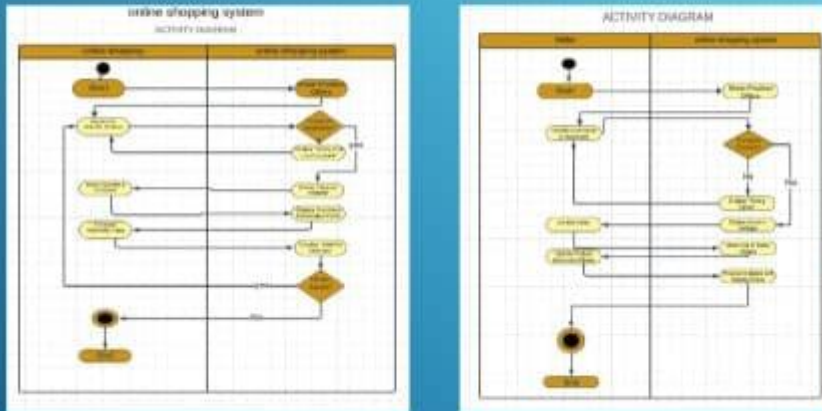
## ER Daigram

## UseCaseDiagram



## ActivityDiagram

### ACTIVITY DIAGRAM OF YSTORE

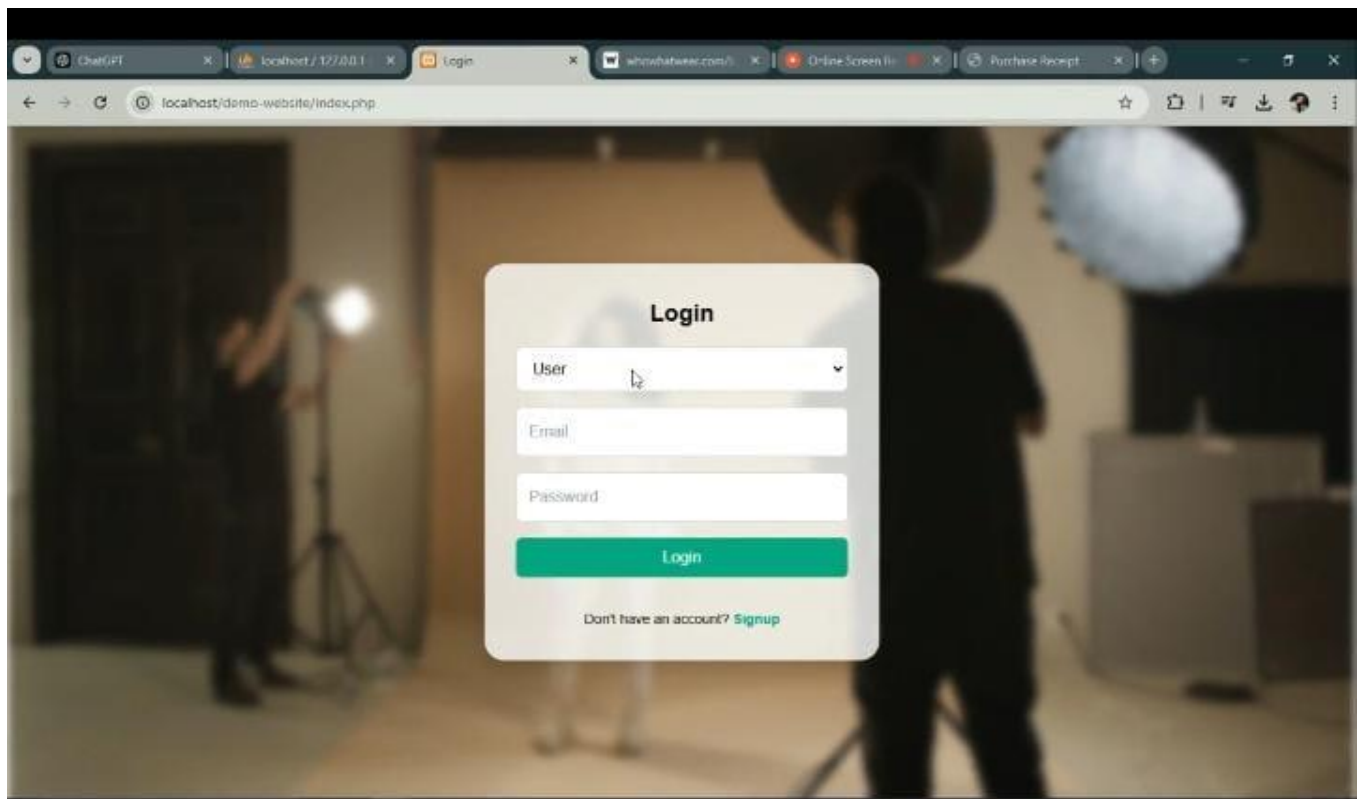


# CHAPTER-5

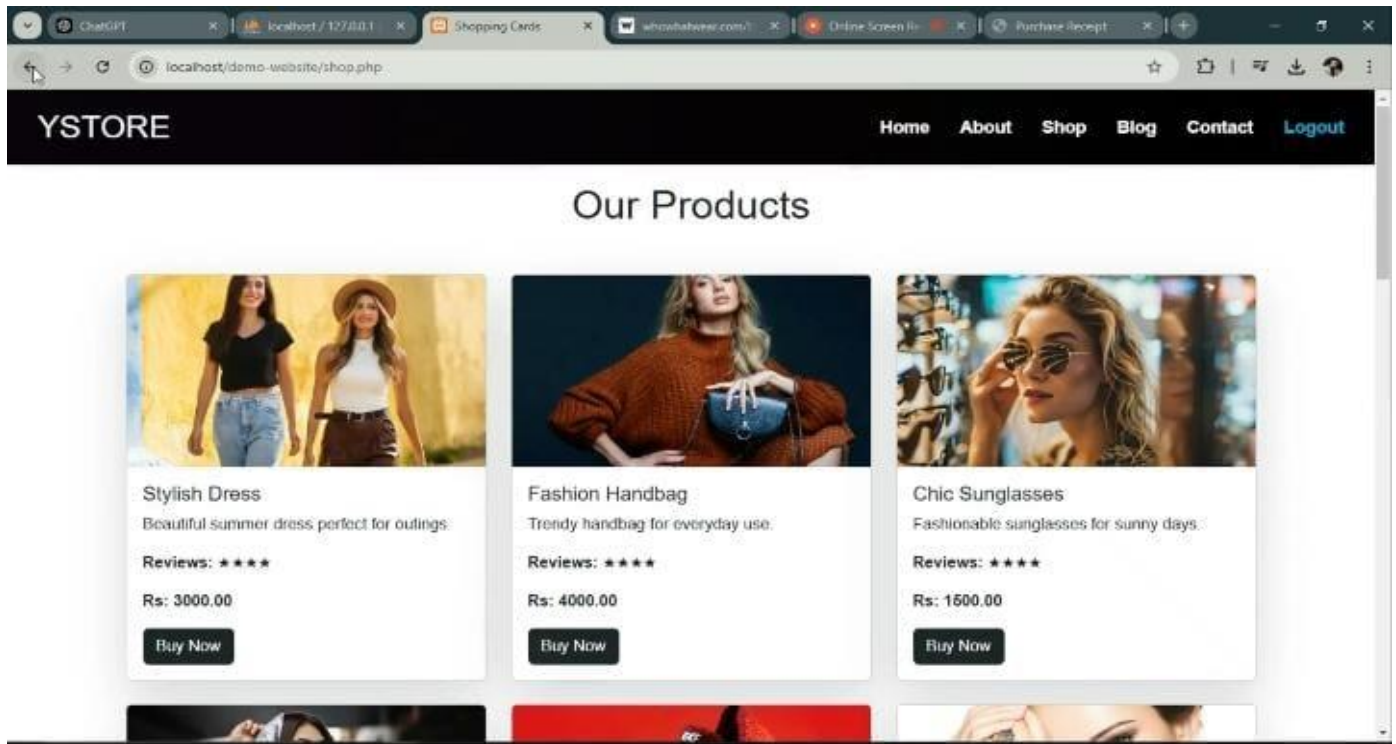
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## SNAPSHOT

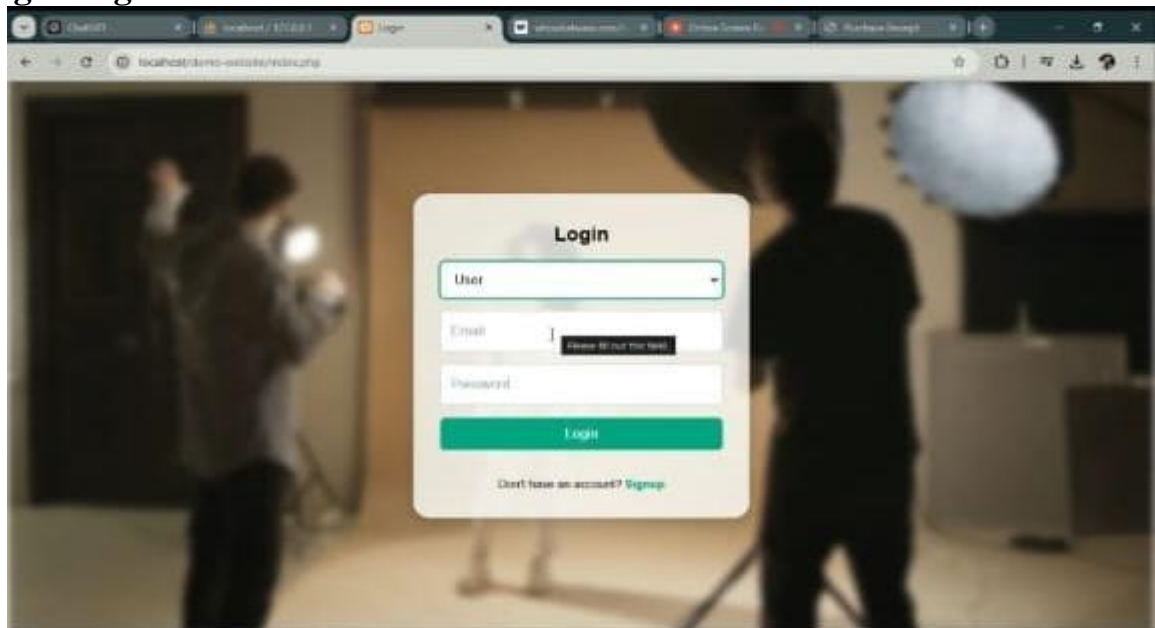
### 4.3.1 Website Snapshot(BeforeLogin)



## 1. AllProducts



## 2. Login Page



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- Website Snapshot (AfterLogin)

## 1.Home Page



# CHAPTER-6

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## ADVANTAGES & DISADVANTAGES

### ➤ ADVANTAGES:-

- Convenience
- Customer Reviews
- Wide Selection
- Price Comparisons
- Time-Saving

### ➤ DISADVANTAGES:-

- Lack Of Physical Inspection





## CHAPTER-7

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### **CONCLUSION**

In conclusion, Ystore represent a transformative force in the retail landscape, offering unparalleled convenience and access to a diverse range of products. As technology continues to advance, these platforms will evolve to provide increasingly personalized experiences, seamless transactions, and innovative features that cater to consumer needs.

## CHAPTER-8

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### **BIBLIOGRAPHY**

**Here's a bibliography of Ystore, featuring Some of the websites from which we took some references**

#### **Reference Websites**