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LIST OF ABBREVIATION

Abbreviation	StandsFor
CSS	Cascading StyleSheet
HTML	Hyper Text Markup Language
PHP	PHP: Hypertext Preprocessor
UML	Unified Modeling Language

CHAPTER 1

INTRODUCTION

1.1. Background

The clothes, shoes and watch are used by every person in the world. Clothes provides benefits to the People from different environmental elements. Clothes provide warmness in the winter season and provides protection from harmful sun raise in the summer. And Watch help to provide time in every moment. Although Clothes being an important part of people life the quality are decreasing year by year and the price of clothes is increasing due to the involvement of middle man in the clothing industry.

Today mobile and web based applications have become a part of our day to day life. With the revolution in mobile computing many great features are added to the field and the mobiles are getting smaller, faster and better as the decade passes. Considering this we have developed an efficient and reliable online clothes buying web application. **DR Shop** simply list the clothes that the user can buy and user canprovide the location to deliver it.

1.2. Problem Statement

Clothes being an important part of people are forced to buy a less quality clothes and also in a high price. This problem has arrived due to the involvement of middleman in this industry who buy the clothes in cheap price from low quality manufactures and sold it to consumers in a high price. There are no any government organization that constantly monitoring the clothing market so it is very difficult to control the price of clothes.

1.3. Objectives

DR Shop is a web application which provide user to buy the clothesfrom the comfort of their home. As there are no any particular clothing market in Nepal beside Ason market, customer who wants to buy clothes of less quantity doesn't prefer to go there. So we came up with the idea to deliver the fresh design clothes of any quantity to the customer to their location. Also the seller in the

Cloths and Shoes market buy the clothes from the middleman so the price of their clothes and shoes high we try to solve the problem of high price by directly buying the things from the producer and selling it to the customer without the involvement of middleman. So that the price of clothes can be low. Some basic objective of Online Shopping are:

- Make the easy availability of clothes and shoes basically in urban area.

- Low price compare to clothes shop.

- Helps to uplift the living standard of local manufactures by involving them.

1.4. Scopes and Limitations

The scope of this project is that it helps user to buy their clothes and shoes from the comfort of their home. It helps to remove the problem of visiting the clothes shop every 2-3 months and spend around 1 day every time to buy the clothes, shoes and requirements things . DR Shop directly buys clothes, shoes and watch from the manufactures so the selling cost to the consumer will be low as compared to the other clothes shop.

As we are trying to remove the middleman from the cloths, shoes and watch industry and try to remove the problem of low quality products we might face various obstacle doing that. Also we are directly buy goods from producers we also may face obstacle during the time of convincing the producer. Also future maintenance should be done in the software to add different features in the software.

CHAPTER 2

SYSTEM ANALYSIS

DR Shop involves the problem-solving technique of easy availability of clothes, shoes and others   to the consumer at a reasonable price. There are few web and application portal like (*daraz.com*) who deals with the selling of clothes to the consumer but what makes DR Shop unique is that we buy clothes and others things directly from the producer which gives us the competitive advantage than others.

2.1. Analysis of Existing System

Nepal's First Largest and Trusted online shopping daraz.com. Busy routine, rush-hours and hectic markets are unsettling people from trouble free reach to quality and new design clothes. Daraz.com provides a highly managed hassle-free online market where you can get items be it clothes, electronic, dairy products, sprouts or any other items you name within your clicks. It is place to your need of item delivered to you with proper quality in desired time frame adding value to your life, supplying the best out of fresh items and products. Daraz.com is an enterprise of Chinese-owned online marketplace and Logistics Company which operates in South Asian markets an endeavor to combine city lifestyle with information technology.

There are some of the weakness of Daraz.com which might give us a slight competitive advantage then them. Some of the weakness are

- Inadequate research on market and customer satisfaction

- Lack of adequate facilities

- No precise delivery timing

- Compromise in product quality

Besides having some weakness Daraz.com also have a numerous strength. Some of the strength of Daraz.com are:

- Ordered item distribution system

- Free delivery strategy

- Product varieties-more items which is not available in local market easily

- Increasing number of customers in B2C model

Requirement collection

There are basically functional and non-functional requirements. Functional requirements are servicing the system should provide. In this project, the user interacts withtheapplicationtogetinformationaboutherb.Userfirstloginsandthesystem validates the login credentials. The user will be able to view the list of herbs and theirdetails.Eachuserwillhavetheirownlistoftheirorderproductandthesecurityis maintained. In the other hand, non-functional requirements are the constraints on the servicesorfunctionsofferedbythesystem.Theyincludetimingconstraints,constraints on the development process and standards. This project hugely emphasizes on performance of the project. It is reliable, portable, andusable.

• Functional Requirement

The users can register and login into the system by proving necessary details. After successful registration and login, user can view product, product details and latest newsfeed regarding sale. The users of the system information via admin about their order. Some of the functional requirements of the system are listed below:

- Users Login and Sign up
- Users Logout
- Add product at cart
- Confirm cart to buy product

- ### **Non-FunctionalRequirement**

    Quality attributes, constraints, goals and non- behavioral requirements of Okhati-Online herb system refers to non-functional requirements.These requirements are imposed in the system deals with the issues like usability, extendibility, scalability, performance and maintainability.

- ### **Feasibility Study**

➢ Technical Feasibility

Technical feasibility involves determining whether a system can actually be constructed to solve the problem at hand. The following points were considered for the project's technical feasibility.

- The required technologies (PHP)existed, HTML, CSS and Bootstrap.
- The database management tool (MySQL) was found technically capable to hold data required to install and use thesystem.

➢ Operational Feasibility

Operational feasibility asks if the system will work when developed and installed. The following points were taken into account for operational feasibility of the proposed system.

- The proposed system causes no harm because it only provides service to the users.
- The system is user friendly so the user can use this system more enthusiastically.
- The system is affordable and has low operational cost becauseit requires lowbandwidth.
- Economic Feasibility The economic feasibility of the project can be shown through the following points.

- The tools and technologies used for the system are free for noncommercial developmentpurposes
- Sincethesystemisdevelopedaspartofprojectwork,thereisno manual cost to spend for the proposed system. It can be assured that the project proves economically feasible because all the resources are alreadyavailable.

➢ Schedule Feasibility

Typically, Schedule feasibility means estimating how long the system will take to develop, and if it can be completed in a given time period using some methods like payback period. Schedule feasibility is a measure of how reasonable the project time table is. Since the

project was conducted according to the project time table, it was developed and implemented at the giventime.

CHAPTER 3

SYSTEM DESIGN

DR Shop is a software design that deals with customer only. customer interact with the system and place an order which then accept or decline by the System.

Use Case Modeling
A use case identifies the actors involved in an interaction and names the type of interaction. This is then supplemented by additional information describing the interaction with the system. The additional information may be a textual descriptionor one or more graphical models such as UML sequence or statecharts.
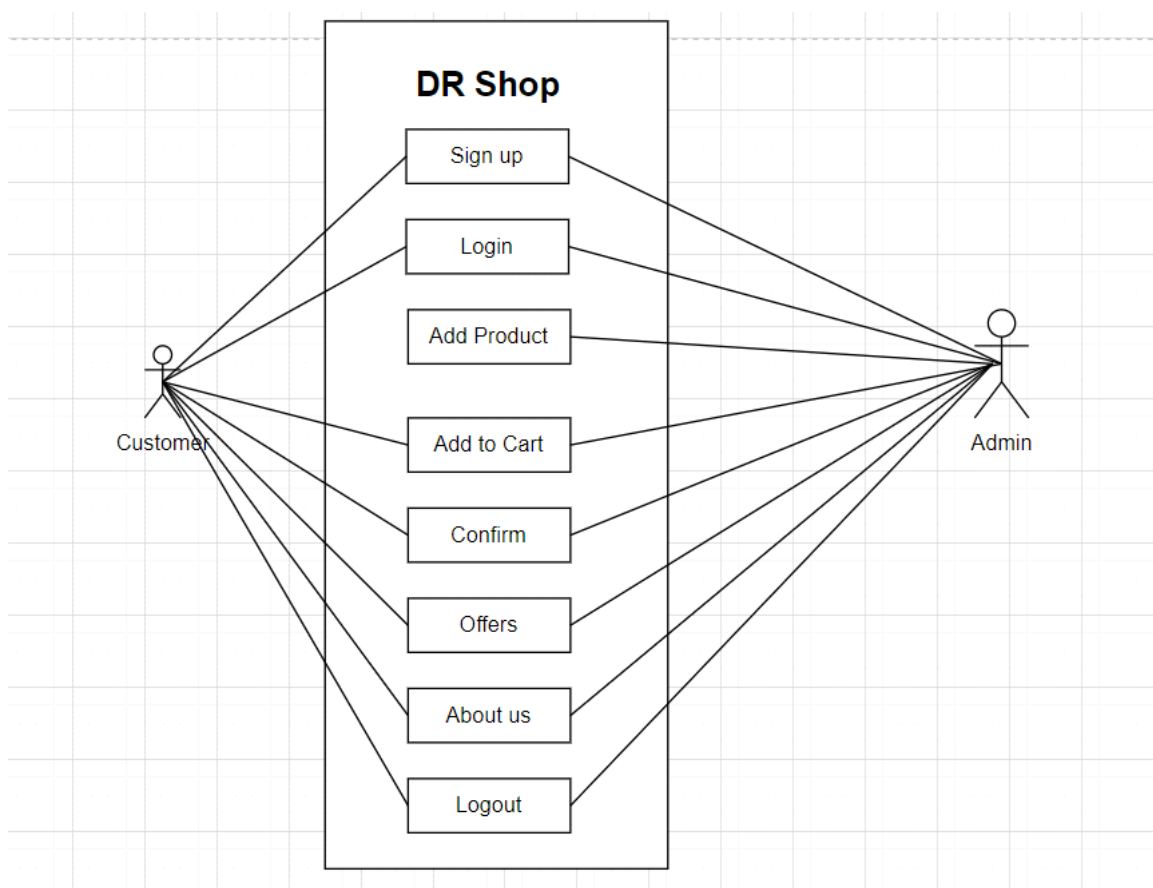
Fig 3. 1 Use case Diagram

Sequence Diagram

UML Sequence diagrams are interaction diagrams that detail how oprations are carried out. As sequence diagrams can be used to capture the interaction between objects in the context of a collaboration, one of the primaries uses of seqeuence diagrams isinthetransitionfromrequirementsexpressedasusecasestothenextandmoreformal level of refinement. Use cases are often refined into one or more sequencediagrams.
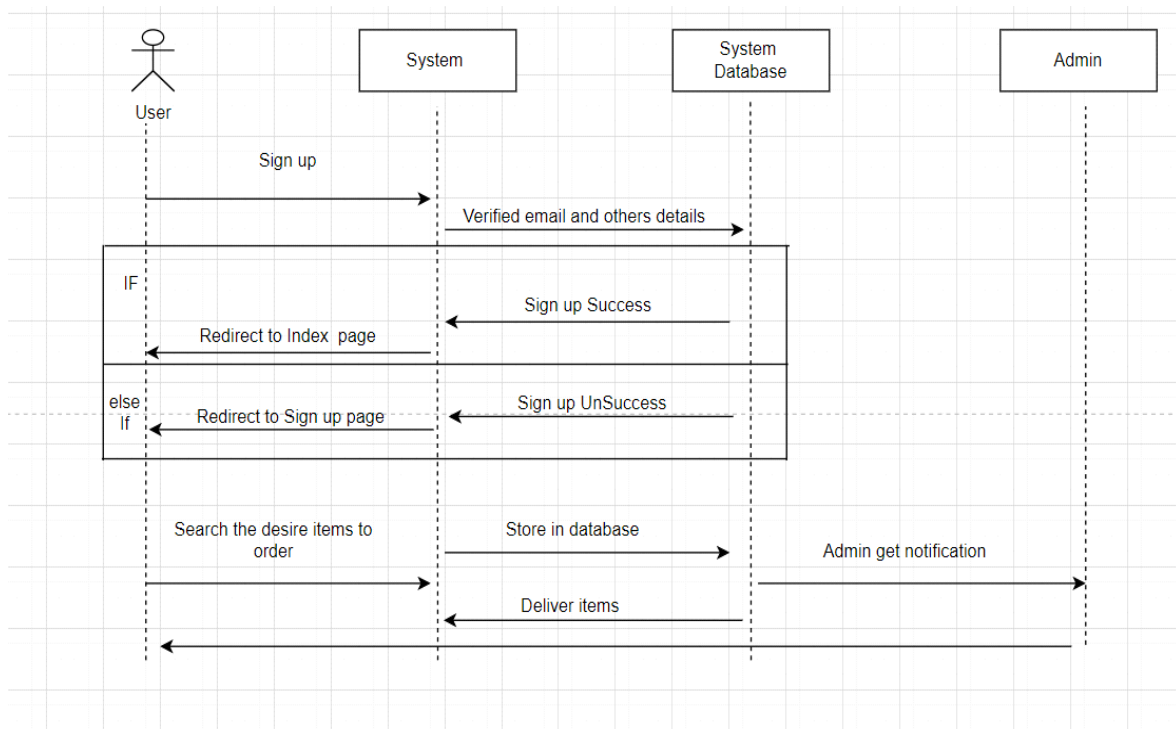

Fig 3. 2 Sequence Diagram

CHAPTER 4

SYSTEM IMPLEMENTATION AND TESTING

The system components as identified in the design specification from the design phase and the software requirements specification from the analysis phase are built either from scratch or by composition in the implementation phase. This section documents the issues that arose during the implementation phase together with the adopted solutions. Every task identified in the design specification has been carried out in this phase. So far, no such issues rose that could critically affect the project schedule. All the tasks were completed within the project schedule according to the Gantt chart.

User Interface

Client part
User interface in the client part is designed using CSS and html and Bootstrap. All other remaining screen shots are listed in appendices.
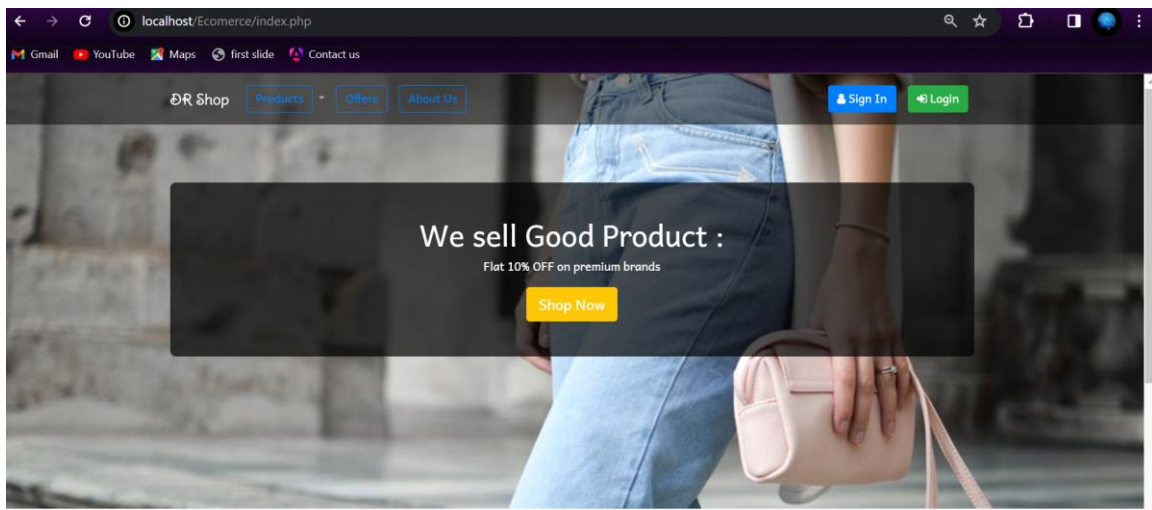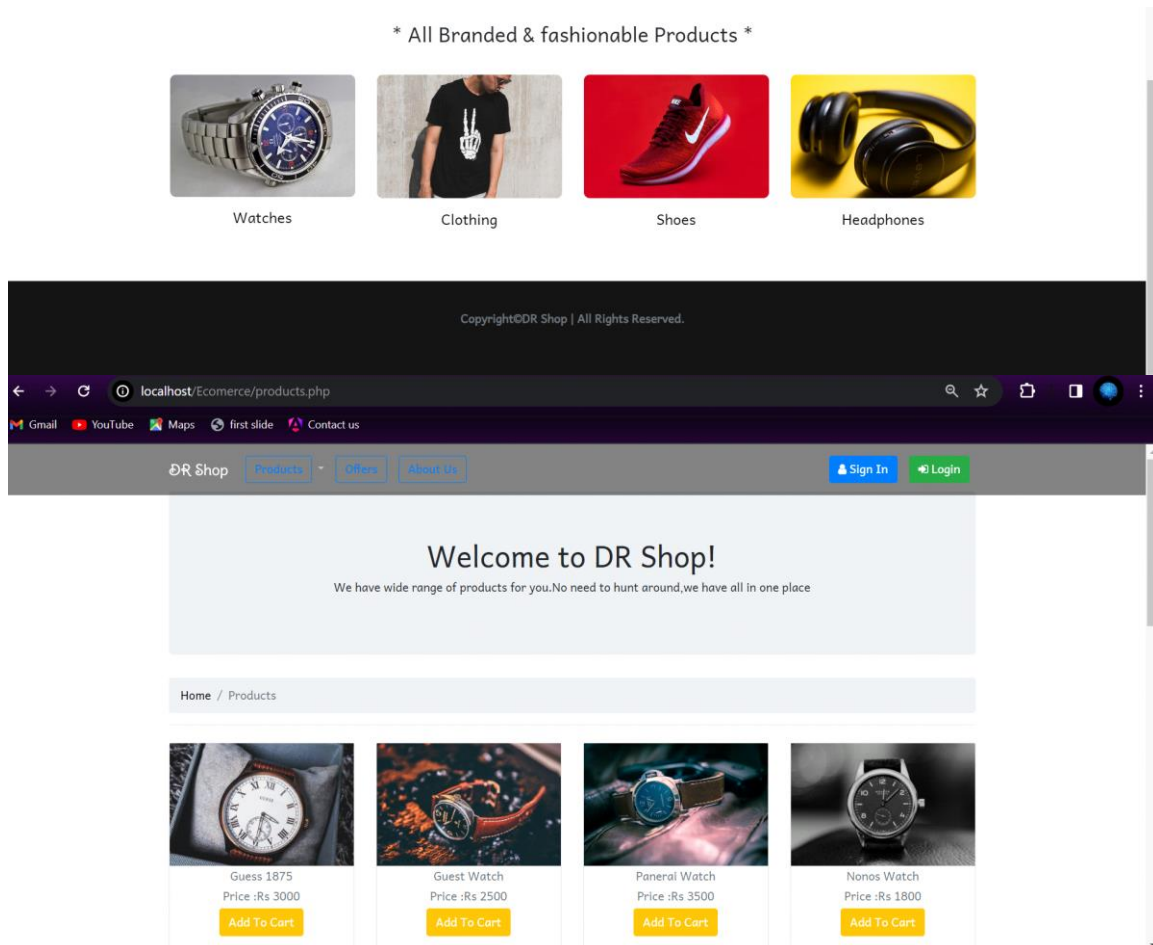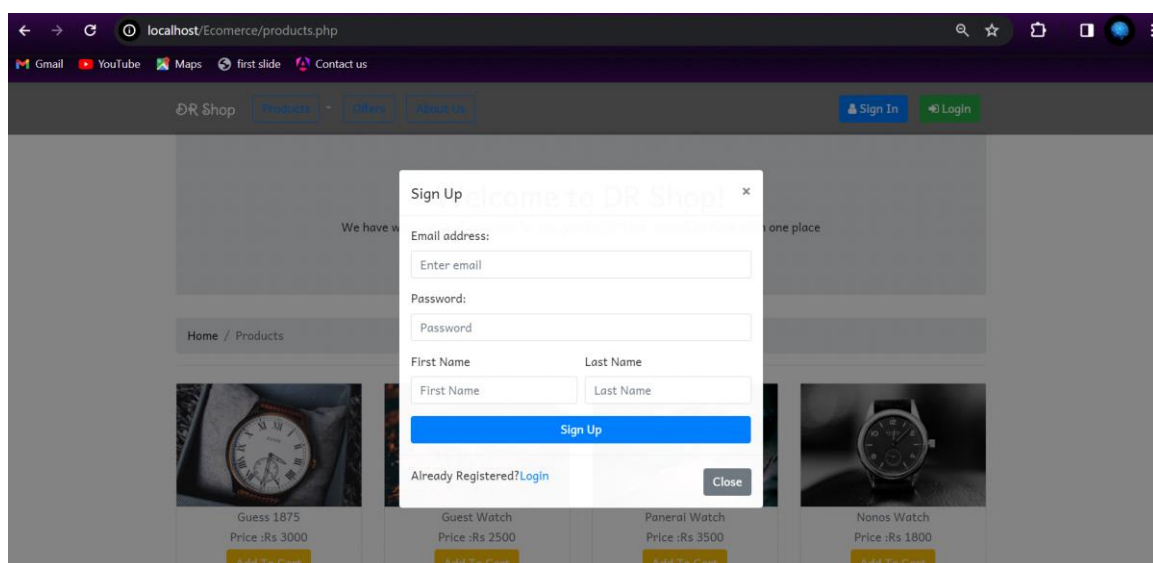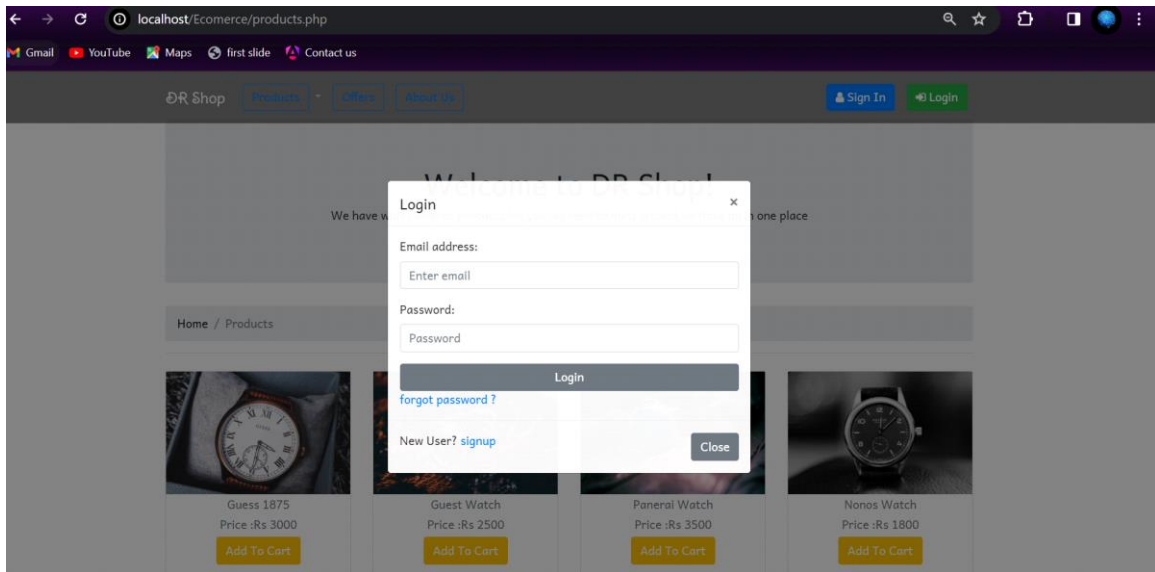
Fig 4. 1 Frontend

Fig 4. 2 Sign up
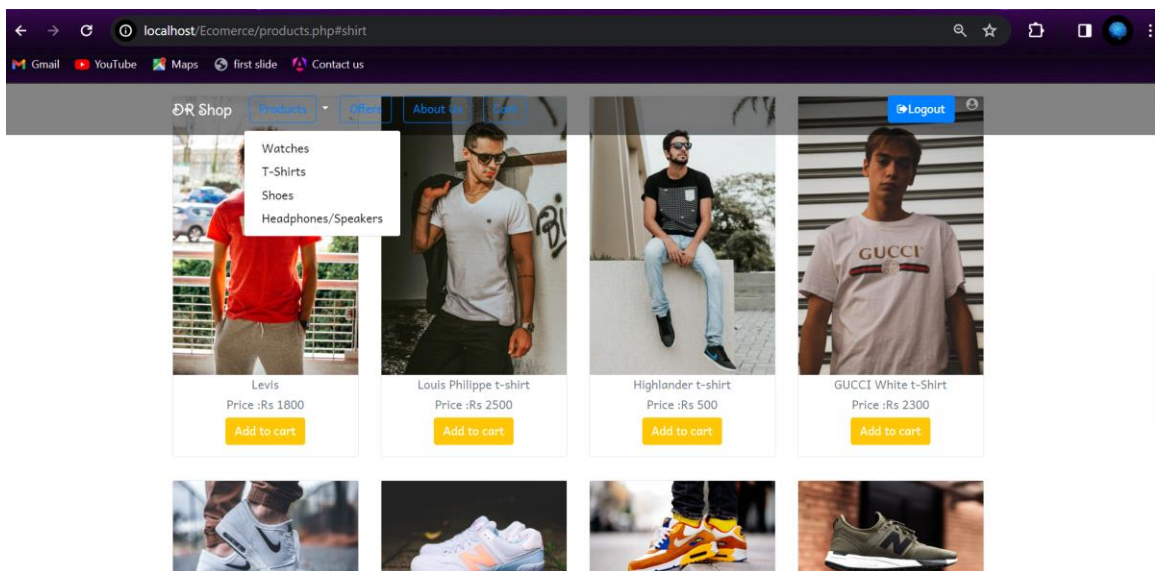
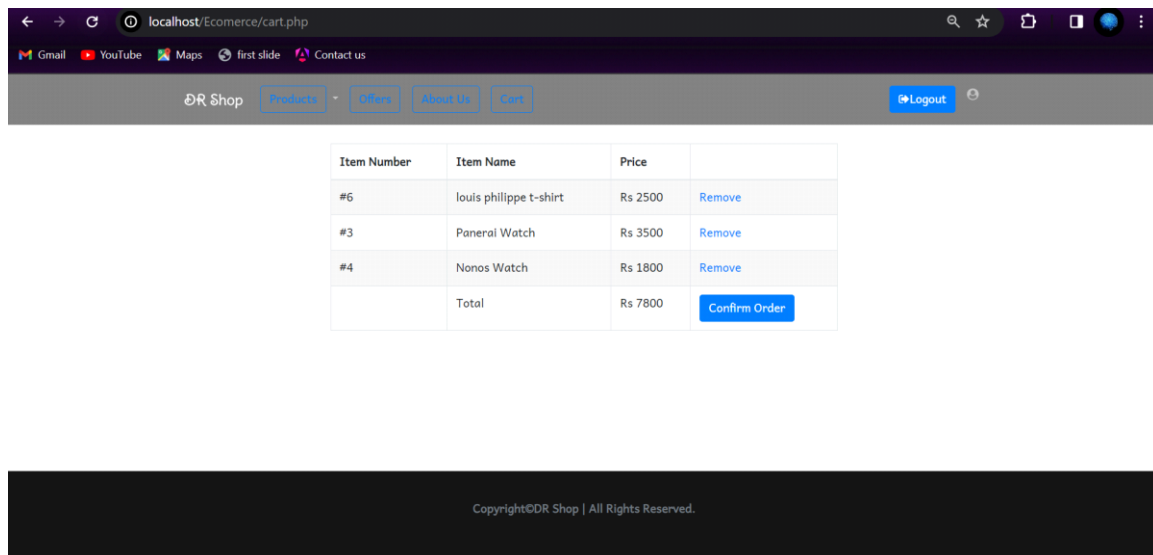**Fig 4.3 Login**

Fig 4. 3 Client Dashboard
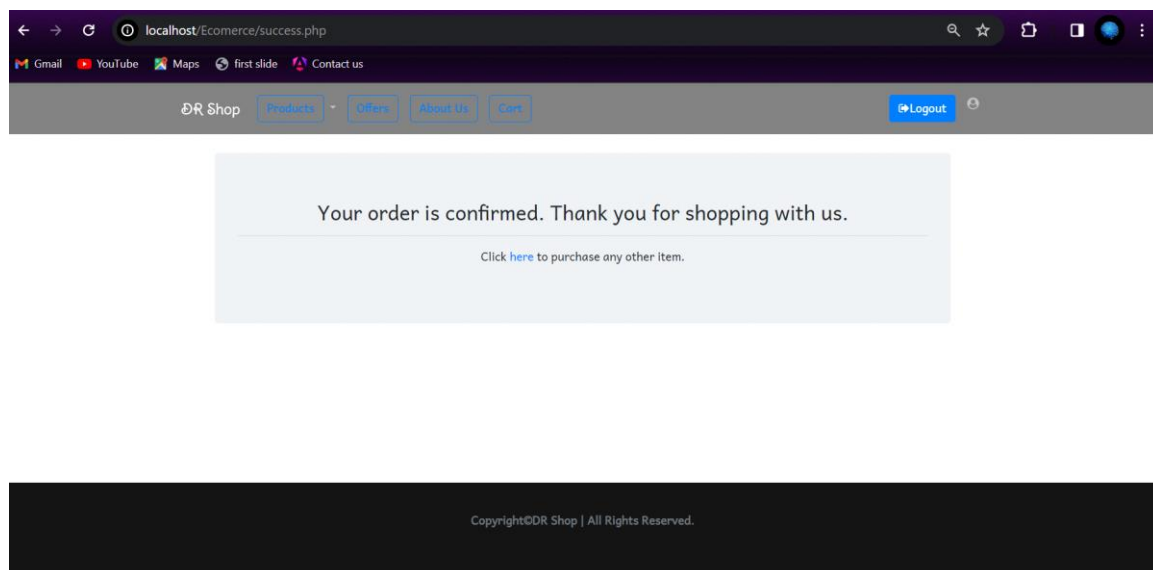
Fig 4. 4 Confirm Order

Fig 4. 5 Confirm Success

- **Tools**

Design Tools

- Draw.io

Implementation Tools

- VisualStudio
- Xampp (Apache server)
- MySql

- **TestCase**

S.N	Action	Input
1	Lunch Application	http://localhost/Ecomerce/index.php
2	Click on product	If not Account redirect sing up page
3	Login	Provide valid Username and Password
4	Add to cart	Confirm after add to cart

CHAPTER 5

MAINTENANCE AND SUPPORT

Due to the various problem that may arise in the Xampp server and PHP, the system should be provided with the maintenance and support in the future.

CHAPTER 6

CONCLUSION AND ENHANCEMENTS

The sole purpose of this project is to develop a web-based system that helps userto buy the minimum quantity of herb from the comfort of their home without visiting the herb market and waste time with bargaining with the shopkeeper. The system helps user to order herb and provide latest offers. User will be able to register and thus receive and Phone call when they order some product for conformation.

Future work will be focused on development of Mobile based system along with future enhancement of Web basedsystem.

REFERENCE

[1] Software Engineering Ninth Edition Ian Sommerville.