Rayat Shikshan Sanstha's Radhabai Kale Mahila Mahavidyalaya, Ahilyanagar



A

Project Report On

"Online Footwear Shop"

Project by

Miss.Tejaswi Machhindra Berad

Miss.Akshada Eknath Avhad

In project fulfillments of the requirement for the B.B.A.(C.A)
Semester-VI

Under Guidance:

Prof. Mr. Ajit Kute

Submitted to

Savitribai Phule Pune University, Pune.

2024-2025

GUIDE CERTIFICATE

This is to certify that Miss.Tejaswi Machhin Avhad of B.B.A.(Computer Application) Course, SE Project Work Titled "Online Footwear Shop", under	EM- VI has successfully completed her
Signature of Guide Prof. Mr.Ajit kute	
Date:	Place: Ahilyanagar



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Date: 12/04/2025

CERTIFICATE

This is to certify that **Miss.Tejaswi Machhindra Berad** and **Miss.Akshada Eknath Avhad** is student of our college has been completed T.Y.B.B.A. (Computer Application) semester VI project successfully on " **Online Footwear Shop** " during the academic year 2024-25.

Internal HOD

External Principal

ACKNOWLEDGEMENT

The completion of this project would not have been possible without the collective efforts of numerous individuals. I would like to express my sincere gratitude to the following people who have contributed significantly to the success of this project.

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Thank you all once again for your valuable contributions. This acknowledgement section shows appreciation for the people who helped you with your project, and it's a nice way to express gratitude for their support and guidance.

My sincere thanks to all

Miss. Tejaswi Machhindra Berad

Miss. Akshada Eknath Avhad

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Project Profile

Project Title:	Online footwear Shop	
Front End Tools:	HTML,CSS,Javascript	
Back End Tools:	Java, Microsoft Access 2010	
Documentation Tool:	Microsoft Word 2010	
Language:	Java , Javascript	
Operating System:	Windows 11	
Submitted By:	Miss. Tejaswi Machhindra Berad Miss. Akshda Eknath Avhad	
Submitted To:	R.K.M.M. College, Ahilyanagar	
Guided By:	Mr.Ajit Kute	

INTRODUCTION

Online shopping has become very popular, and people are buying everything from clothes to electronics from their homes. Footwear is one category that is in high demand online. Our project is to create an online footwear shop where customers can easily browse and buy shoes from different categories like men's, women's, kids', and sports shoes.

To develop this project, we will be using NetBeans as the front-end tool to design the user interface and provide a smooth user experience. For the back-end, we will be using MS Access as the database management system to store and manage customer data, orders.

The rise of online shopping has revolutionized the way people purchase products, offering unparalleled convenience, flexibility, and accessibility. With the increasing penetration of smartphones and internet connectivity, online shopping has become an integral part of modern retail. Footwear is one of the most popular categories in the online market, with a vast range of styles, brands, and sizes available.

Our project aims to capitalize on this trend by developing an online footwear shop that provides customers with a seamless and personalized shopping experience. The online store will offer a wide range of shoes from various categories, including men's, women's, kids', and sports shoes.

The key objectives of our project are:

- To provide customers with a user-friendly and intuitive online platform to browse and purchase footwear.
- To offer a vast selection of shoes from various brands and categories.
- To ensure timely and secure delivery of products to customers.
- To provide a personalized shopping experience through features such as customer reviews, ratings, and recommendations.

To achieve these objectives, we will utilize NetBeans as the front-end tool to design an interactive and responsive user interface, and MS Access as the database management system to store and manage customer data, orders, and other relevant information.

SCOPE OF PROJECT

The project includes the following functionalities: User registration and login functionality, Product catalog, Payment gateway integration, Order management and Admin panel for managing products, orders, and user data.

The project features include customers being able to browse and purchase footwear products online, create and manage their accounts, and admin managing products, orders, and user data. The project will also generate order receipt.

The technical requirements for the project are NetBeans for the front-end, MS Access for the back-end, Windows as the operating system, and Google Chrome and Mozilla Firefox as the browsers.

Our online footwear shop project is packed with exciting features and functionalities that make online shopping a breeze. Here's what you can expect:

Key Functionalities:

- 1. User Registration and Login: Customers can create their own accounts and log in to access exclusive features.
- 2. Product Catalog: Browse our vast collection of footwear products, complete with detailed descriptions and images.
- 3. Payment Gateway Integration: Make secure payments online using our integrated payment gateway.
 - 4. Order Management: Track your orders and receive updates on their status.
 - 5. Admin Panel: Our admin team can manage products, orders, and user data with ease.

Project Features:

- Browse and purchase footwear products online
- Create and manage your own account
- Admin manages products, orders, and user data
- Generate order receipts

FACT FINDING TECHNIQUES

To study the system we need to collect facts i.e. Gathering information about the system. The proper use of tools for gathering information is the key to success analysis.

Various fact finding techniques are:

Interview

Record Review

Questionnaire

Observation

Analyst implements any one of these techniques to develop a system which is accurate & comprehensive.

We used the following fact finding techniques:

Questionnaire

Interview

Observation

Record Review

Questionnaire:

A questionnaire is a Performa form containing a sequence of questions to collect information from a user.

The questions are clear & simple & to the point. The success of collecting data through a questionnaire mainly depends on how skillfully & imaginatively the questionnaire has been designed.

Interview:

Observation allows analyst to gain information they can't from any other fact finding techniques. In this method analyst observes then of documents, way the process is carried out etc.

Because of lack of record review fact finding technique we visited to Hotels and observed their flow of document process.

Record Review:

Many kinds of records and reports can provide Analyst valuable information about organization and Operation. In record review analyst examines information that has been about system and user.

Observation:

Observation allows analyst to collect the information, they cannot obtain by other fact finding techniques. Through observation analyst can obtain first information about how activities are carried out. This method is most useful when analyst needs to actually observe how document are handling. How process are carried out And weather the specific steps are actual followed.

FEASIBILITY STUDY

After doing the project Project Downloder Application, study and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project.

Feasibility is the determination of whether or not a project is within the scope of organization. Feasibility is carried out to select the best system that meets performance requirements. This type of study determines if a project can should be taken.

Technical feasibility:-

This is the study of hardware, software requirement & available manpower. In this phase -cost of hardware, software as well as technical equipment are considered & found that where the required system is technically feasible for organization or not.

Following are technical resources required for the system:

Hardware and Software Requirement:

- ➤ Intel core i3 processor
- ► 8 GB RAM
- > 512 GB SSD
- Apache Tomcat Server, Java
- ➤ MS-Access2010

Economical Feasibility:

In this study benefits of the system are considered by means of actual cost analysis. While considering benefits system tangible & intangible benefits are also considered & find out the economical feasibility of purposed system.

Operational feasibility:

Operational feasibility of the system depend One various factors such as the user friendliness of the system , operating case user attitude to words the same. The system is design in such a way that it will come up with the future development record

requirement the new system being presentable will catch user attention and interest their by reducing confusion and resistance. The user satisfaction will at list determine the purpose system feasibility Operational feasibility must be carried out because it is necessary to consult the user to see where the purposed system solve the objective or not.

Social feasibility:

The proposed system is being implemented in Multi-Lingual verities. Hence, languages used neither bears any Alien Terminologist nor the system contains any words that hurt the sentiments of any users. It is made as for as possible; user preference as and views are taken into consideration while designing the system. In all the system is socially feasible.

LIMITATIONS OF PROJECT

- 1. Limited customization options.
- 2. Delivery issues that may affect product quality.
- 3. Technical problems like website crashes or payment errors.
- 4. Need for a stable internet connection.
- 5. Our old paper-based system was slow and inefficient.
- 6. Difficulty in ensuring consistent product quality.
- 7. Some processes can be time-consuming.

ADVANTAGES OF PROPOSED SYSTEM

- 1. You can shop from anywhere.
- 2. It's easy for everyone to use.
- 3. You can customize your orders.
- 4. It saves time for you and our staff.
- 5. Your orders will be correct.
- 6. You can give us feedback to help us improve.
- 7. Your information is safe with us.
- 8. We can process orders quickly.
- 9. Our website is easy to use.
- 10. We use less paper, which is good for the environment

DATA DICTIONARY

Data Flow Diagram themselves not describe all details about data flows. For investigation one more tool is used to support DFD which is called as data dictionary. Data dictionary provides additional information about system. DD is called as the catalog.

DD is a an analysis tool that primarily records the information content of data. It of stores definitions of all data mentioned in DFD and in a process specification.

1) Registration Table:

Sr.no	Field name	Data Type	Description
1	Id	Number	Primary Key
2	uname	Text	User Name
3	email	Text	Email
4	password	Text	Password
5	Mno	Number	Mobile No
6	Address	Text	Address
7	pincode	Number	Pincode

2) Contact Table:

Sr.No	Field Name	Datatype	Description
1	Id	Number	Primary Key
2	uname	Text	User Name
3	mno	Number	Mobile No
4	msg	Text	Message

3)Feedback Table:

Sr.no	Field name	Data Type	Description
1	Id	Number	Primary Key
2	uname	Text	User Name
3	email	Text	Email
4	yesno	Text	Yes or No

4)Product Table:

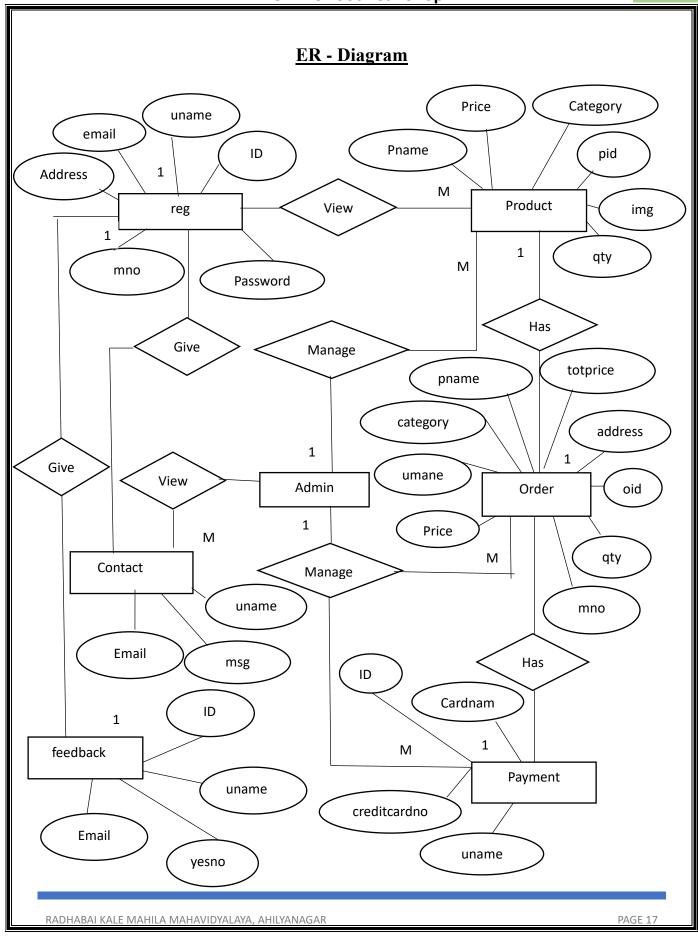
Sr.no	Field name	Data Type	Description
1	pid	Number	Primary Key
2	pname	Text	Product Name
3	price	Number	Price
4	category	Text	Category
5	qty	Number	Quantity
6	img	Text	Product Image

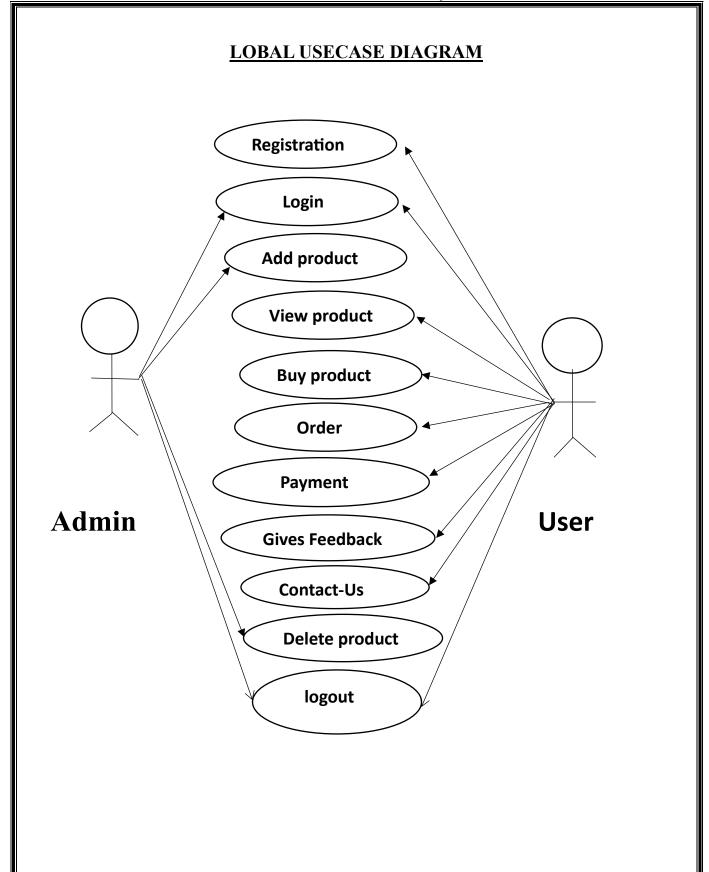
6)order Table :

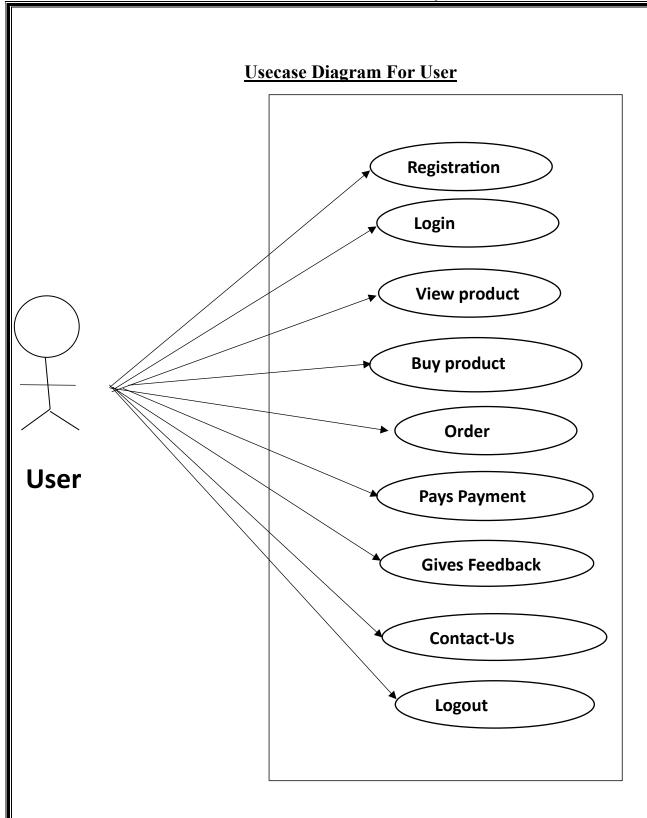
Sr.no	Field name	Data Type	Description
1	oId	Number	Primary Key
2	uname	Text	User Name
3	mno	Number	Mobile No
4	address	Text	Address
5	pname	Text	Product Name
6	price	Number	Price
7	qty	Number	Quantity
8	totprice	Number	Total Price

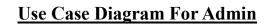
7)Payment Table:

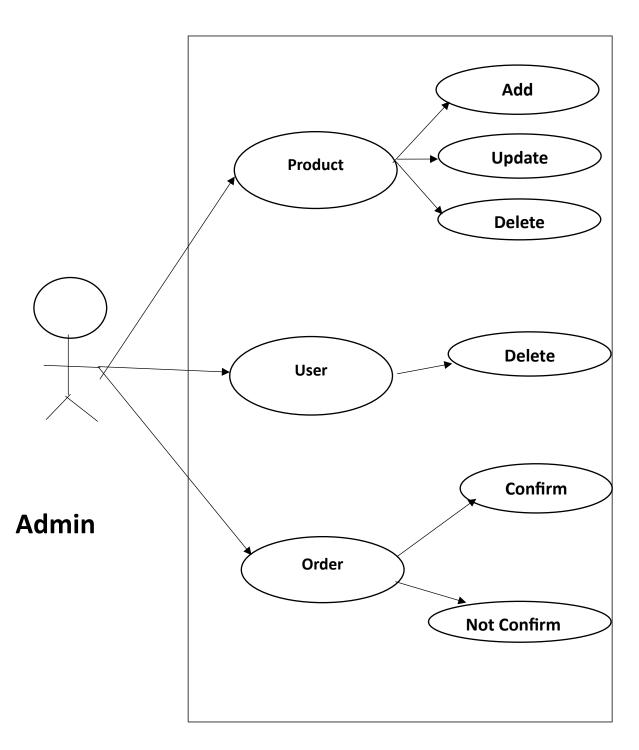
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1	Id	Number	Primary Key
2	uname	Text	User Name
3	creditcardno	Number	Card No
4	cvv	Number	CVV

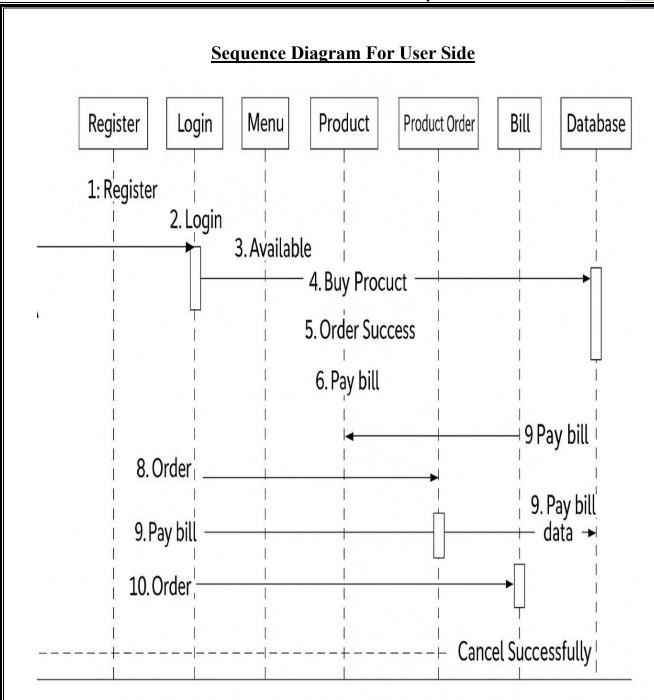




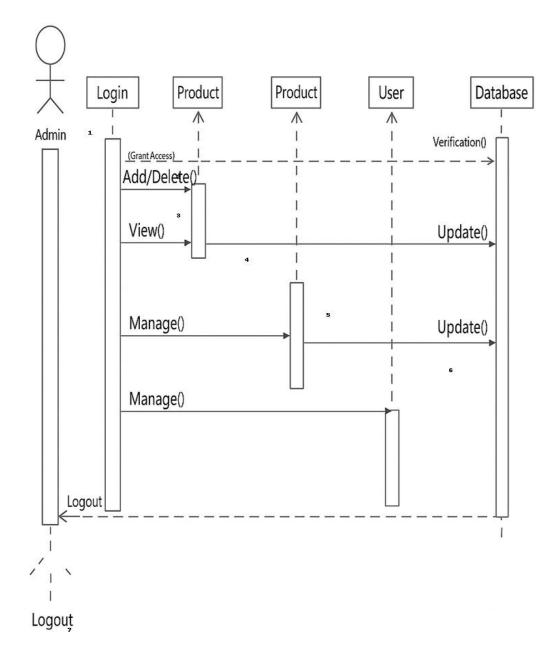


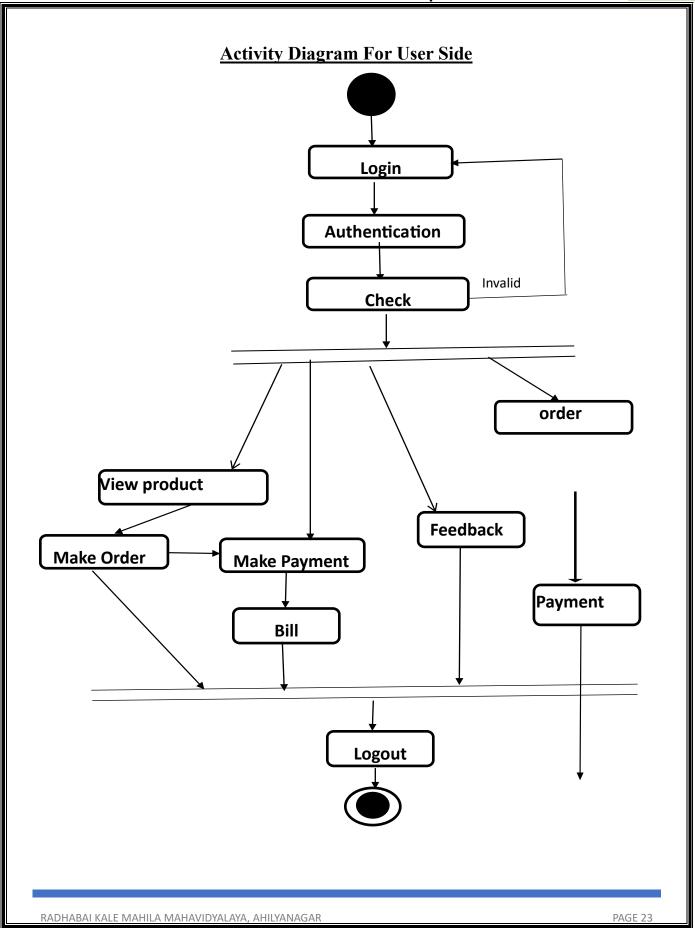


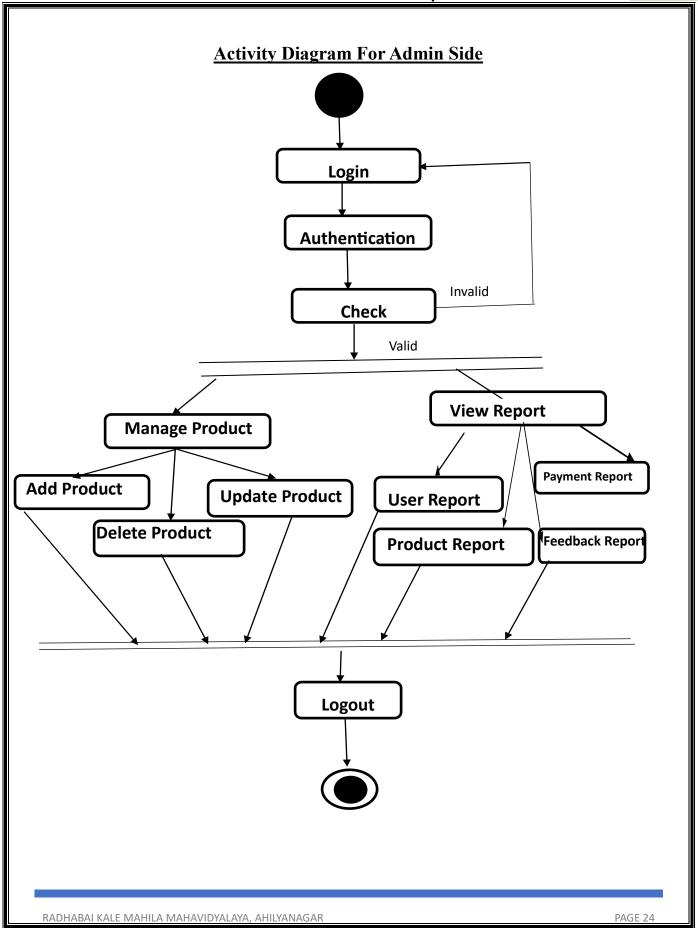




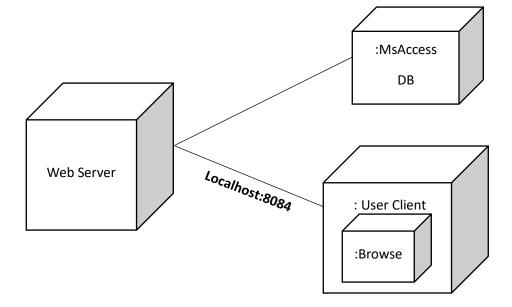
Sequence Diagram For Admin Side







Deployment Diagram:



PAGES:

Home Page:



Home Login Sign up About us Contact FeedBack Gallary



Best Products









Shop By Category









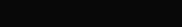
Top Brands









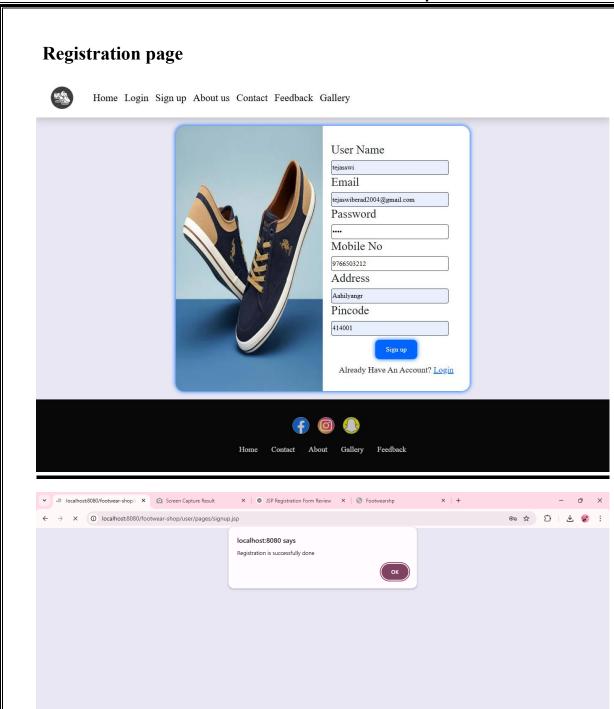


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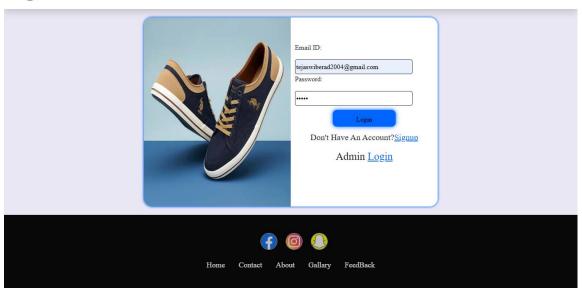


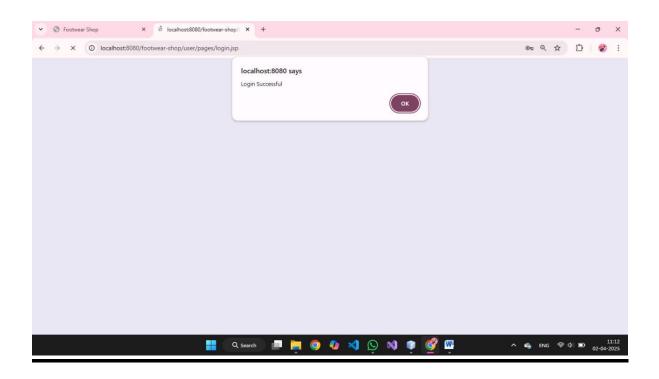


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Best Products









Shop By Category









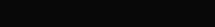
Top Brands



















Product Page



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Womens



Black & Silver Embellished Slider

Price: Rs.149





Black & Silver Embellished Slider

Price: **Rs.499**



Women's Fashion Sandals. Zouk

Price: **Rs.290**





Women's Heeled Sandals Price: Rs.599



Toshina Shoes Women's Heels

Price: **Rs.499**

Buy Now



Buy Now



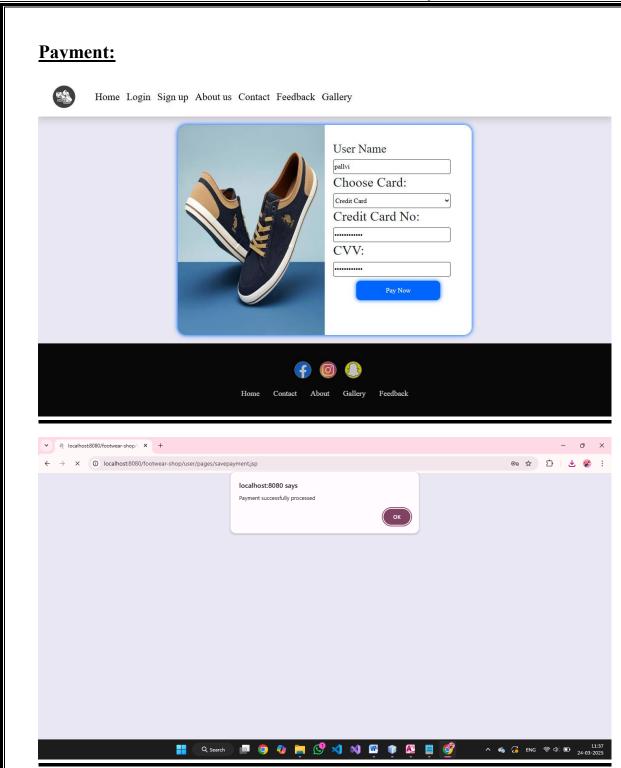






About Gallary FeedBack

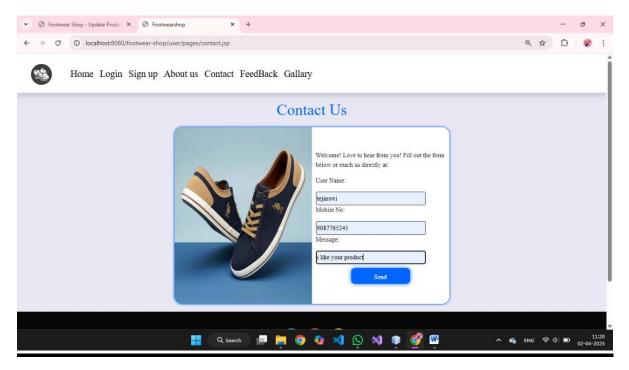
Online Footwear Shop Order Page Home Login Sign up About us Contact FeedBack Gallary Black & Silver Embellished Slider User Name pallvi Mobile No 987675412 Address Aahilyangr Price Quantity Total Price 998 FeedBack ∨ ⊚ localhost:8080/footwear-shop/□ × + ☆ ひ | ± 😵 : localhost:8080 says Q Search 🔲 🧿 🕼 📜 🥩 刘 👏 🎹 📦 🖺 🥞 ^ 🥱 🎜 ENG 🛜 Ф) 🗈 24-03-20

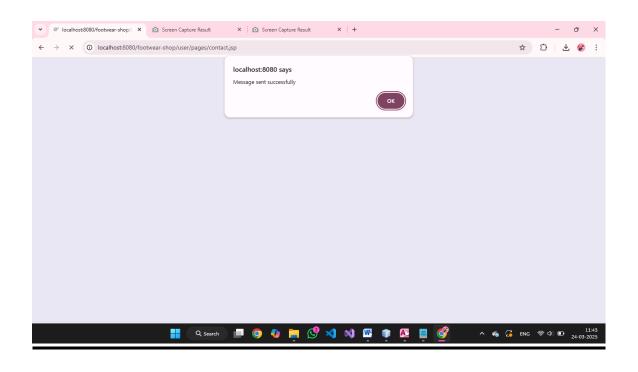


Bill: ✓ ③ Footwear Shop - Bill \leftarrow \rightarrow σ \odot localhost:8080/footwear-shop/user/pages/bill.jsp Q 🖈 🖸 🍘 : Footwear Shop - Bill Date and Time: 04/02/2025 11:13:19 AM User Name: akshada Address: Aahilyangr Mobile No: 980987654 Price Womens Comfortable Sandals 399 798 **Print Bill:** ▼ Shop Footwear × 🕙 Footwear Shop - Bill ← → ♂ O localhost8080/footwear-shop/user/pages/bill.jsp Q & D @ Print 1 page Footwear Shop - Bill Date and Time: 04/02/2025 11:13:19 AM User Name: akshada Address: Aahilyangr Mobile No: 980987654 Date and Time: 04/02/2021 Destination Save as PDF * User Name: akshada Address: Aahilyangr Pages Mobile No: 980987654 + 798 More settings

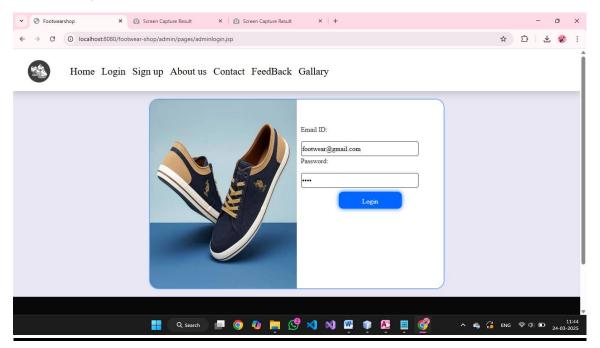
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Contact:

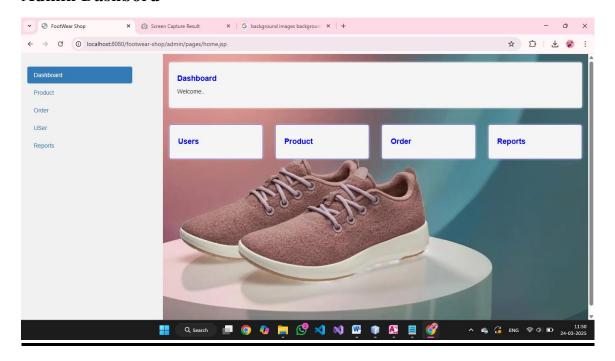




Admin login

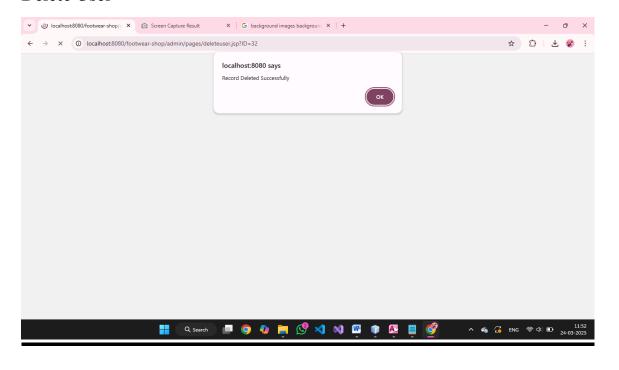


Admin Dashbord

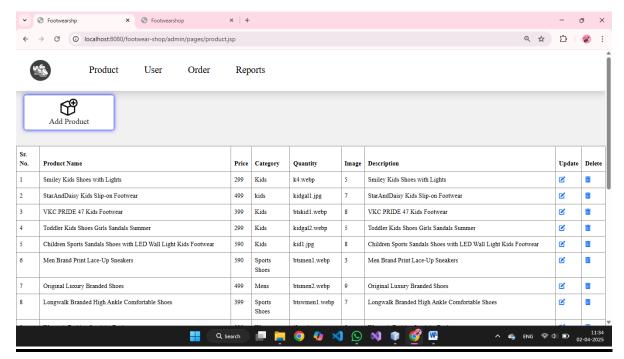


Manage User ✓ ③ Footwearshp × S Footwearshop O localhost:8080/footwear-shop/admin/pages/user.jsp Product User Order Reports Add User Email ak123 980987654 414001 akshada ak@gmail.com Aahilyangr 987678905 414602 pallvi pallavi@gmail.com p00 Aahilyangr Aahilyangr tejasswi berad@123 90o90i 987654321 414602 13456 84139551 414001 Aji Ajit@gmail.com ANagar pallvi 1234pallvali 987675412 Aahilyangr 414001 414001 tejaswiberad2004@gmail.com 98765439 tejasswi nagar priyanka priyanka@gmail.com 4523 98743218 414602

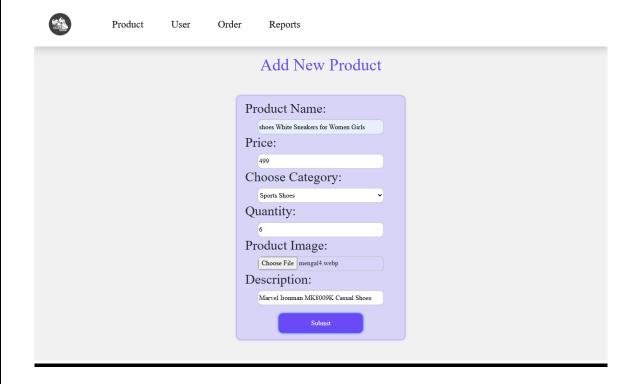
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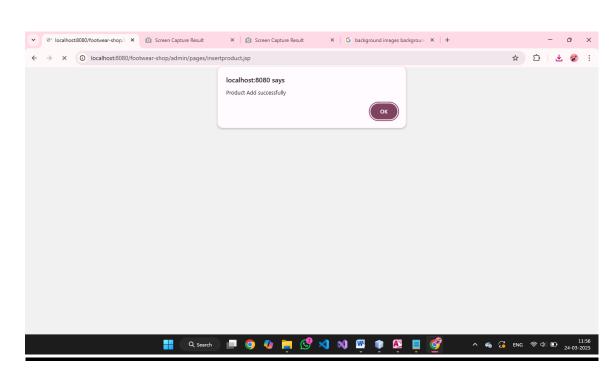


Manage Product

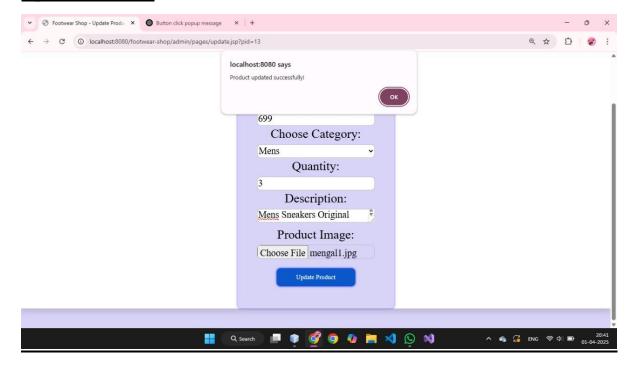


Add Product

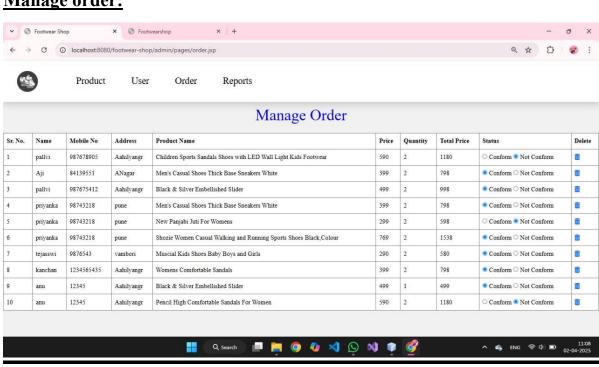


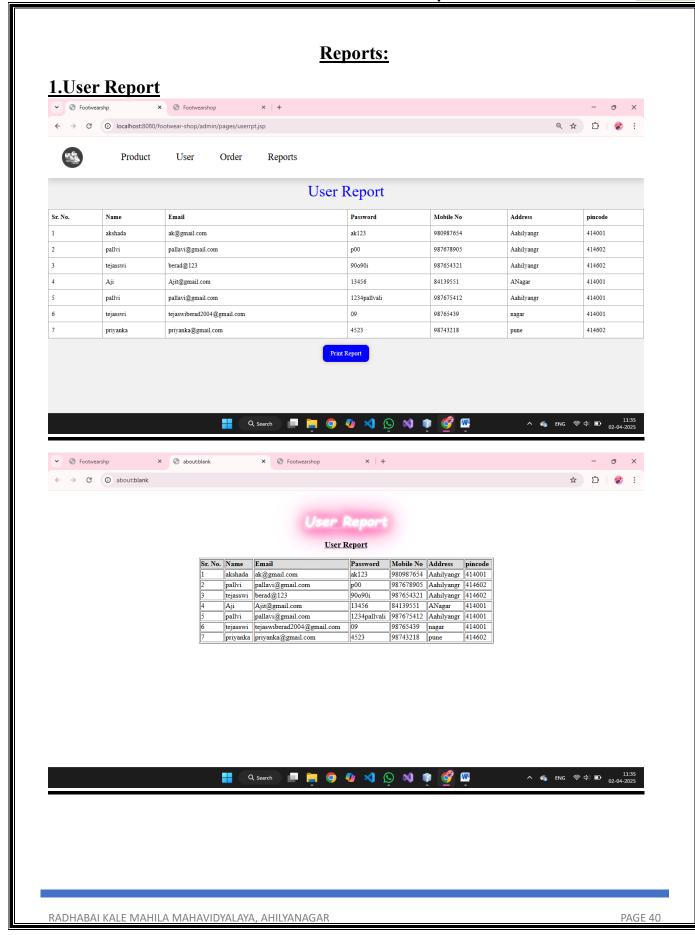


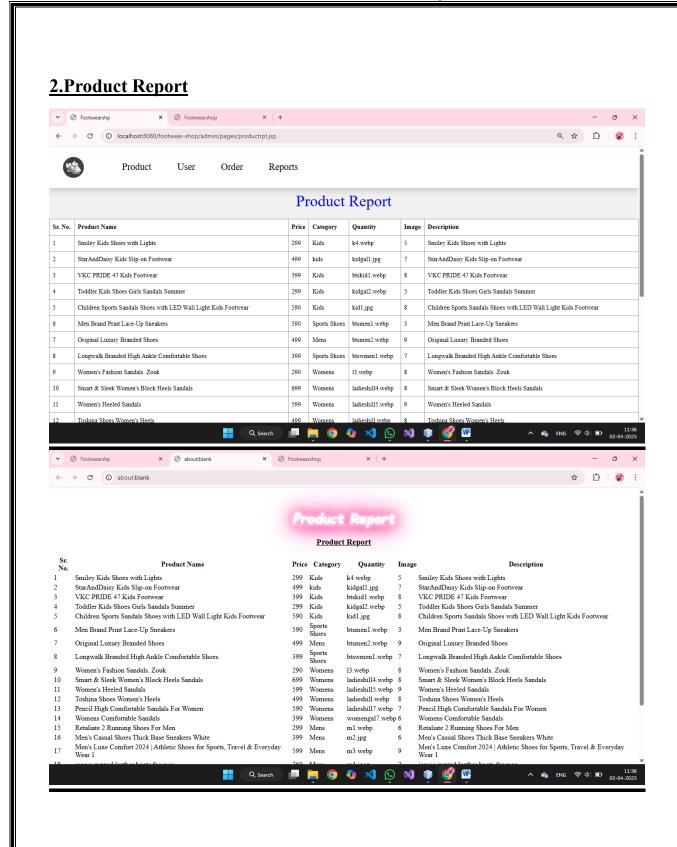
Update Product:



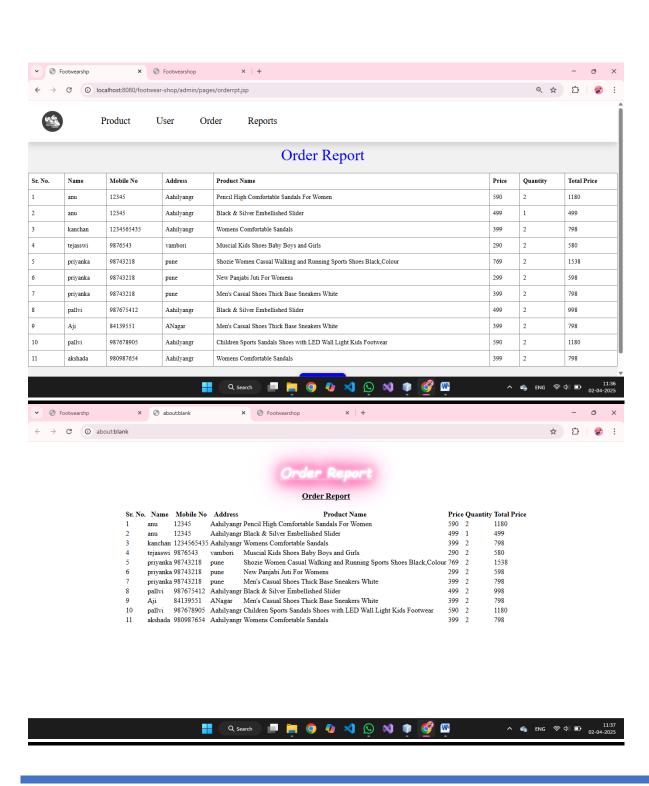
Manage order:



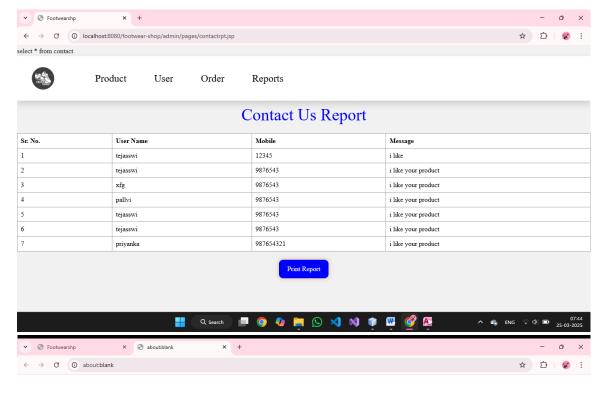




3.Order Report

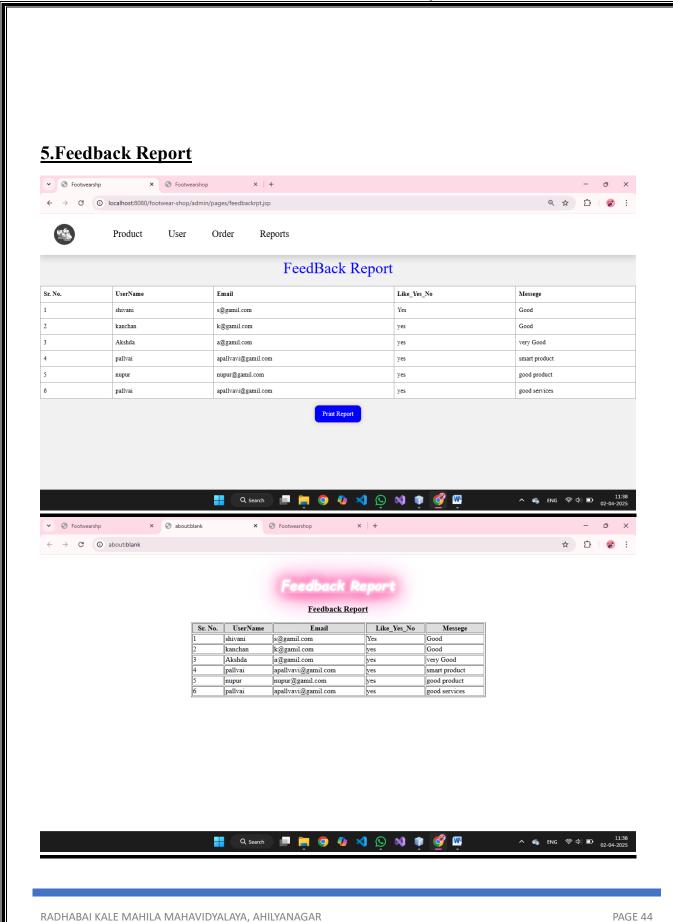


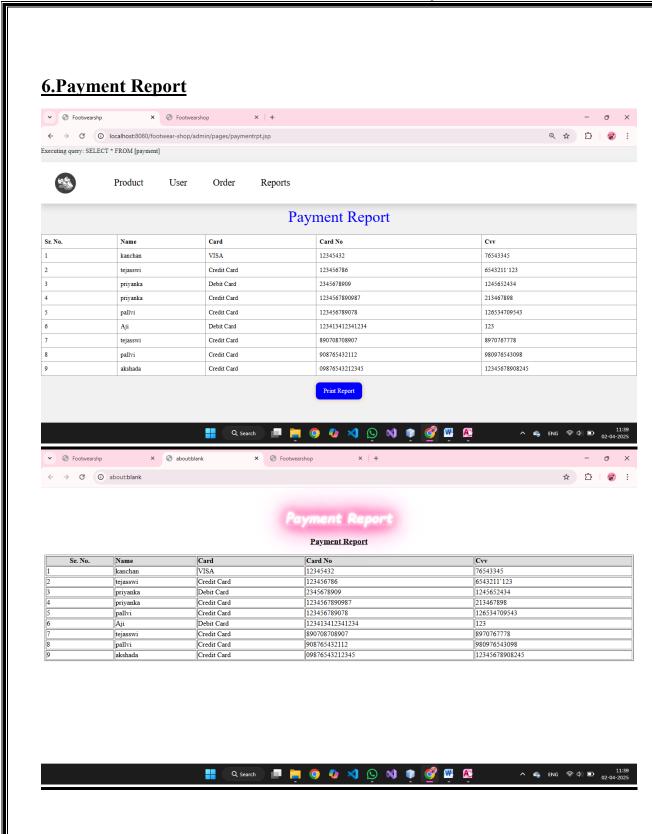
4.Contact Report



User Report

^ **6** ENG **○ 4**) **□** 07:45





SYSTEM TESTING

Testing is very important for every system to be successfully implemented. The common view of testing is performed to prove the guarantee that the software.

Does not fail & will run according to specifications & in the way user accepts.

TYPES OF TESTING:-

1. White BOX TESTING:-

In this the structure of a program is taken into consideration. The objectives of this testing is to ensure that each & every line of the code is tested. It is also called logic-driven structural testing. Using this testing method we can develop highly reliable software.

We have checked all the frames independently also tested all the loop conditions, database and GUI very carefully.

2. BLACK BOX TESTING:-

In this, the structure of the program is not considered. The software is considered as a black box to which defined inputs are given .from this the defined outputs are obtained. In this the tester only knows what the software is supposed to do but he cannot look in the box to see how it operates.

This testing has to be done in lab [alpha testing] and at user's site [beta testing].during planning stage time for alpha & beta are fixed.We are at the primary stage of project development.

OPERATING ENVIRONMENT USED

Hardware and Software requirement:

Along with the importance of computerization it is also necessary to know the hardware & software available in the market which can be easily adopted for the library and information service to cater of user depending upon the Nature and scope of service.

Hardware Requirement:

Memory	8GB RAM, SSD 512GB
Input Device	Keyboard, Mouse
Output Device	Screen

Software Requirement:

Operating Systems	Windows 11
Language	Java(JSP),HTML
Server	Apache Tomcat Server
Database	MS-Access 2010
Browser	Browser(IE 7.0 or Above, Google Chrome, Mozilla Firefox

DRAWBACKS AND LIMITATIONS

Although I have put my best efforts to make the software flexible easy to operate, but still the system contain some of the limitations.

The reason of these limitations is the time constraints. Time is the major problem. I have to deliver the project in a particular time period. That's way I have to leave Some of the topics that actually. I want to cover, I am still working on this software And my next goal is to remove these limitations and develop a more efficient and Elegant system.

LIMITATIONS OF THE SYSTEM:

You need internet connection to access that services.

No direct interaction between user and administrator.

No option to select other product which is not add this site. Only added product Can be choose.

Cost of product can be vary from customer to customer, no standard and fixed out.

Sometimes problem is occurred when net connection is not done properly.

FUTURE ENHANCEMET

We know our online footwear shop has some limitations, but we're working to improve it. Here are some exciting features we're planning to add:

Personalized shoe suggestions: We'll recommend shoes based on your preferences. Virtual tryon: You'll be able to virtually try shoes before buying.

Subscription service: Get your favorite shoes delivered regularly, with options to customize frequency and quantity.

Easy returns and exchanges: We'll make it easier for you to return or exchange shoes that don't fit.

Special offers and discounts: We'll provide you with exclusive deals and discounts.Improved search and filtering: You'll be able to find your favorite shoes more easily.

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- www.nike.com
- www.zouk.com
- https://www.myntra.com/nike
- www.google.com
- https://luxe.ajio.com

Video Links:

- https://youtu.be/VHJ0I8H2m00?si=pHzZ3odsH_xFITnl
- https://youtu.be/P6AMAS8zgBU?si=2rcgsQJrOwwiYAzW
- https://youtu.be/IByeGsesV k?si=Mc2xZcNZoDeXW-lh