



ONLINE SHOE RESELLING WEBSITE
DOCUMENTATION



SHOLLER

B.C.A(H)2020-2023

SUBMITTED BY: -

ANAND CHOWBEY
201713520002

ARNAB SAHA
201713520008

ARIT GON
201713520007

SUBHADEEP RAY
201713520022

DEPARTMENT OF BCA
ST. XAVIER'S COLLEGE, BURDWAN
UNIVERSITY OF BURDWAN



HOD APPROVAL

This is to certify that I have approved the Major Group project-
“Online shoe reselling website- SHOLLER” carried out by

ANAND CHOWBEY

201713520002

ARNAB SAHA

201713520008

ARIT GON

201713520007

SUBHADEEP RAY

201713520022

Students of B.C.A(H) Semester VI, St. Xavier's College, Burdwan.
University of Burdwan.

Signature of HOD

CERTIFICATE

This is to certify that Major Project (BCA-603) documentation entitled “Online shoe reselling website: **SHOLLER** is the work effectively carried out by

ANAND CHOWBEY

201713520002

ARNAB SAHA

201713520008

ARIT GON

201713520007

SUBHADEEP RAY

201713520022

Students of B.C.A(H) Semester VI, St. Xavier’s College
Burdwan. University of Burdwan under the supervision of

Mrs. Debdutta Banerjee, HOD BSc (Cs) Asst. Prof.

Mr. Ujjwal Mandal, Asst. Prof.

This documentation has not been submitted to any other organization/institution for the award any other degree/diploma.

Project supervisor

Project supervisor

ACKNOWLEDGEMENT

Apart from the efforts of team, the success of any project depends largely on the encouragement and guidance of many others. We take this opportunity to express our gratitude to the people who have been instrumental in the successful completion of this project.

The completion of any inter-disciplinary project depends upon cooperation, co-ordination and combined efforts of several sources of knowledge.

We are eternally grateful to our project mentors- **Mrs. Debdutta Banerjee** and **Mr. Ujjwal Mandal** for their even willingness to give us valuable advice and direction under which we executed this project. Their constant guidance and willingness to share their vast knowledge made us understand this project and its manifestations in great depths and helped us to complete the assigned tasks.

ABSTRACT

Sholler is a cutting-edge online platform dedicated to the reselling of branded shoes, created to meet the aspirations of today's youth. With a mission to make branded footwear more accessible, **Sholler** offers a marketplace where individuals can purchase and sell second-hand branded shoes.

Recognizing the strong desire among young people to wear branded shoes, **Sholler** provides an affordable alternative for those who cannot afford to buy new pairs. Through our website, individuals can find a wide selection of gently used, authentic branded shoes at attractive prices. By embracing the concept of pre-owned footwear, **Sholler** empowers individuals to express their personal style without financial limitations.

Sholler ensures a seamless and secure experience for both buyers and sellers. Our platform incorporates a thorough verification process for all shoes listed, guaranteeing authenticity and quality. Sellers have the opportunity to connect with a broad customer base and effortlessly sell their branded shoes through our user-friendly interface.

At **Sholler**, buyers gain access to an extensive collection of pre-owned branded shoes, spanning various popular brands. Detailed product descriptions, high-resolution images, and user reviews accompany each listing, providing buyers with the necessary information to make informed decisions. Our advanced search and filtering features enable users to quickly find their desired brand, size, style, or condition of footwear.

Beyond affordability, **Sholler** emphasizes sustainability by promoting the reuse and circulation of pre-owned shoes. By choosing to buy or sell through our platform, users actively contribute to reducing waste and the environmental impact associated with the production of new shoes.



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Problem Statement

- Affordability: Many individuals, especially the youth, have a strong interest in wearing branded shoes but cannot afford to buy them brand new due to their high prices.
- Limited options: Limited budgets often restrict people from accessing a wide range of branded shoes, limiting their choices and personal style.
- Environmental impact: The production of new shoes contributes to environmental issues such as waste generation and carbon emissions, making sustainability a concern for conscious consumers.
- Lack of a reliable marketplace: People may find it challenging to find a trustworthy platform where they can buy and sell second-hand branded shoes with confidence.

PROBLEM STATEMENT- CONTD.

- **Affordability:**

Sholler aims to provide an affordable solution for individuals who desire branded shoes by offering a marketplace for second-hand footwear. By purchasing pre-owned shoes, customers can enjoy significant savings compared to buying brand new pairs.

- **Accessible options:**

Sholler strives to expand the range of choices available to customers by providing a diverse collection of second-hand branded shoes from various popular brands. This allows individuals to explore different styles and find the perfect pair that matches their preferences.

- **Sustainability:**

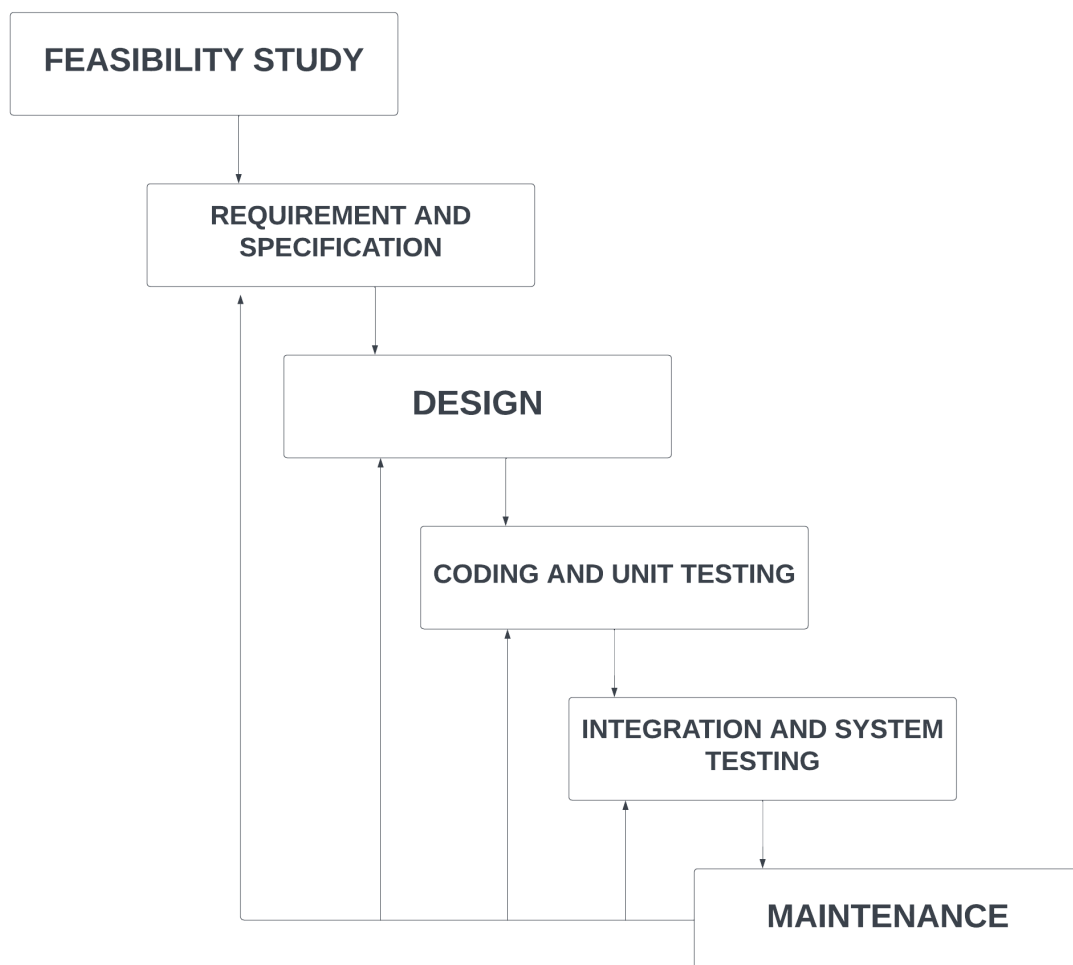
By promoting the resale of branded shoes, **Sholler** contributes to a more sustainable fashion industry. Encouraging the reuse of shoes reduces waste and minimizes the environmental impact associated with the production and disposal of new footwear.

- Trust and reliability:

Sholler aims to establish itself as a trusted marketplace by implementing a thorough verification process for all shoes listed on the website. By ensuring the authenticity and quality of the footwear, **Sholler** provides customers with peace of mind when making their purchases.

SDLC MODEL

Development of **Sholler** followed Iterative Waterfall Model because software feasibility study was reasonably well defined but the overall scope of development effort was purely based on feedback methodology. When errors are detected at some later phase, these feedback path allow correcting errors committed by programmers during some phase. The feedback path allows the phase to be reworked in which errors are committed and these changes are reflected in the later phases. Our project is a short-term project of 3 months and staffing available is low (4 Person).



Iterative Waterfall Model

INTRODUCTION

I. Introduction:

The purpose of this project documentation is to outline the development and implementation of a shoe reselling website. The website aims to provide a platform for users to buy and sell used shoes, connecting shoe enthusiasts and collectors from around the world. This document will define the purpose, scope, and objectives of the project, as well as highlight the key features and functionalities that will be implemented.

2. Purpose:

The purpose of the shoe reselling website is to create a centralized online marketplace for individuals to conveniently buy and sell shoes. The website will cater to both casual buyers and serious collectors, offering a wide range of shoe brands, styles, and sizes. By providing a dedicated platform for shoe reselling, the website aims to simplify the process for sellers to reach potential buyers and for buyers to find the shoes they desire.

3. Scope:

The scope of this project includes the following key elements:

a. User Registration and Authentication: Users will be able to create an account, log in securely, and manage their profile information. Authentication mechanisms will be implemented to ensure the security of user data.

b. Product Listing and Search: Sellers will have the ability to list shoes for sale, providing detailed information such as brand, size, condition, and price. Buyers will be able to search and browse through available listings based on their preferences.

c. Shopping Cart and Checkout: Buyers can add desired shoes to their shopping cart and proceed to checkout for payment. Integration with popular payment gateways will be implemented to facilitate secure transactions.

d. Admin Dashboard: An administrative interface will be developed to manage user accounts, listings, and overall website functionality. Admins will have the authority to moderate and resolve disputes, ensuring a smooth user experience.

4. Objectives:

The main objectives of this project are as follows:

a. Develop a user-friendly and intuitive website interface that provides a seamless experience for both buyers and sellers.

b. Create a secure authentication system to protect user information and prevent unauthorized access.

c. Implement robust search and filtering mechanisms to help users find the desired shoes efficiently.

d. Integrate reliable and secure payment gateways to facilitate seamless transactions.

f. Build an efficient admin dashboard to manage users, listings, and overall website functionality.

OVERVIEW

Our application contains three modules – the administration module, the buyer module and the seller module.

- **User-Friendly Interface:** **Sholler** offers an intuitive and user-friendly website interface, ensuring a seamless experience for both buyers and sellers. The interface is designed to be visually appealing, modern, and responsive across various devices.
- **Extensive Collection:** The website boasts an extensive collection of second-hand branded shoes, curated to cater to different tastes, styles, and sizes. Users can explore a wide range of options from popular brands, including but not limited to sneakers, formal shoes, boots, and more.
- **Buying Experience:** **Sholler** prioritizes user satisfaction by providing detailed product descriptions, high-quality images, and relevant information about each pair of shoes. Buyers can make informed decisions, ensuring they find the perfect fit and style at a fraction of the original retail price.
- **Selling Platform:** **Sholler** offers a convenient and secure platform for individuals who wish to sell their branded shoes. Sellers can create listings, upload product images, and set their desired prices. The platform ensures transparency and facilitates smooth transactions between buyers and sellers.

- **Verification and Authenticity:** To maintain the quality and authenticity of the products available on the platform, **Sholler** implements a rigorous verification process. Sellers are required to provide detailed information about the shoes, including their condition and proof of authenticity, to ensure buyers can trust the products they are purchasing.
- **Secure Transactions:** **Sholler** incorporates robust security measures to protect user data and facilitate secure transactions. The platform integrates trusted payment gateways, ensuring that buyers can confidently complete their purchases while safeguarding their personal and financial information.
- **Community and Engagement:** **Sholler** fosters a vibrant community of shoe enthusiasts by incorporating features such as user reviews, ratings, and comments. This enables users to share their experiences, insights, and recommendations, thereby enhancing the overall user engagement and trust within the community.

FEASIBILITY STUDY

- **Market Analysis:** Analyse the demand for shoe reselling websites and determine the size and growth potential of the market. Identify your target audience, their preferences, and buying behaviour. Research competitors and understand their strengths, weaknesses, and market share.
- **Unique Selling Proposition:** Determine your unique selling proposition (USP) or competitive advantage. Identify what sets your website apart from existing platforms. This could include offering a better user experience, specialized shoe categories, unique authentication services, or exclusive partnerships.
- **Technical Requirements:** Assess the technical aspects of building the website. Determine the required functionality, such as user registration, product listing, search and filtering options, shopping cart, payment gateways, and inventory management. Evaluate the feasibility of developing or outsourcing these features.
- **Development and Maintenance Costs:** Estimate the initial investment required to develop the website, including design, development, hosting, and domain registration costs. Consider ongoing expenses like server maintenance, software updates, and customer support. Evaluate if the projected revenue and profit margins justify the investment.
- **Revenue Streams:** Identify potential revenue streams for the platform. This could include charging a commission fee on each sale, offering premium features or subscriptions, or generating advertising revenue. Estimate the potential revenue based on projected sales volume and average transaction value.

- **Legal and Operational Considerations:** Research legal requirements for operating a reselling website, such as business registration, tax obligations, and data protection regulations. Understand the logistics of acquiring and shipping products, as well as the processes for handling returns and customer disputes.
- **Marketing and User Acquisition:** Develop a marketing strategy to attract sellers and buyers to your platform. Identify effective channels for reaching your target audience, such as social media advertising, influencer partnerships, SEO optimization, or email marketing. Estimate the associated costs and evaluate their potential effectiveness.
- **Risk Analysis:** Identify potential risks and challenges that could impact the success of your venture. This could include competition from established platforms, counterfeit product concerns, technical glitches, or changing market trends. Develop mitigation strategies for each risk.
- **Financial Projections:** Create a financial forecast based on your market analysis, revenue streams, and cost estimates. Determine the projected profitability, return on investment (ROI), and breakeven point. Assess the timeline for achieving profitability and the potential for scaling the business.
- **Conclusion and Recommendations:** Summarize your findings and provide a recommendation on the feasibility of the shoe reselling website building project. Assess the potential for success, considering the market conditions, competition, costs, and revenue projections. Highlight any key areas that require further research or adjustments to enhance feasibility.

SOFTWARE REQUIREMENT SPECIFICATION

1. Product Description:

Provide a brief overview of the shoe reselling website, highlighting its purpose and key features.

Explain how the website will facilitate the buying and selling of shoes between users.

2. User Interaction:

Describe the interaction between the website and its users.

Users will be able to register, browse listings, add items to the cart, make purchases, and leave reviews.

Sellers will have additional capabilities such as creating listings, managing orders, and communicating with buyers.

3. System Interfaces:

Identify the interfaces through which the shoe reselling website will interact with external systems or services.

4. Payment Gateway:

The website will integrate with a secure payment gateway to handle online transactions.

5. User Interfaces:

Describe the user interfaces that users will interact with on the shoe reselling website. Provide wireframes or mock-ups to illustrate the layout and design of key pages, such as the homepage, product listing page, cart, and user profile.

6. Product Functions:

Specify the main functions and features of the shoe reselling website.

7. User Registration:

Allow users to create an account and manage their profile information.

8. Shoe Listing:

Enable sellers to create detailed listings for shoes they want to sell.

9. Search and Filtering:

Provide users with search and filtering options to find specific shoes based on criteria like brand, size, condition, and price.

10. Shopping Cart:

Allow users to add selected items to a cart, view the cart contents, and proceed to checkout for purchase.

11. Payment Integration:

Facilitate secure online payments through integration with a payment gateway.

12. Order Management:

Enable sellers to manage their orders, update order status, and communicate with buyers.

I3. **Authentication and Security:**

Implement secure user authentication and data protection measures.

I4. **Product Dependencies:**

Identify any external systems or services that the shoe reselling website depends on.

I5. **Payment Gateway:**

The website's functionality relies on integration with a secure payment gateway.

I6. **Product Assumptions:**

Specify any assumptions made during the planning and development of the shoe reselling website.

Examples could include assumptions about user behaviour, market demand, or technical capabilities.

I7. **Product Constraints:**

Identify any constraints or limitations that may impact the development or functionality of the shoe reselling website.

I8. **Technical Constraints:** Specify any specific technology or platform requirements, programming languages, or frameworks that must be used.

I9. **Time Constraints:** Specify any time limitations or deadlines that need to be considered during the development process.

20. **Review Section:** Users share feedback, building trust. Buyers rate purchases, sellers gain credibility. Enhances user experience, fosters community.

System Interfaces

➤ User Interfaces

This section provides a detailed description of all inputs into and outputs from the system. It also gives a description of the hardware, software and communication interfaces and provides basic prototypes of the user interface.

1. The protocol used shall be HTTP.
2. The port number used will be 80.
3. There shall be logical address of the system in IPv4 format.

➤ Hardware Interfaces

- I. Wi-fi router – Wi-Fi router is used to for internetwork operations inside of a clinic and simply data transmission from pc to server.

➤ Software Interfaces

- **PHP**- PHP is a widely-used, open-source scripting language. PHP scripts are executed on the server.
- **XAMPP** – XAMPP is a completely free, easy to install Apache distribution containing MariaDB, PHP and PERL.
- **MySQL** – MySQL is an open-source relational database management system.
- **Web Browser** – Google Chrome, Firefox, Microsoft Edge.

➤ System Specification

- **H/W Requirement**

1. Inter core i3 and above to equivalent AMD CPUs.
2. 2GB Ram or more.
3. 10 Gb of hard disk space in terminal machines.
4. 64 Gb hard disk space in server machine.

- **S/W requirements**

1. Windows 7 or above operating system.
2. MySQL server.
3. XAMPP server.
4. JavaScript enabled browser.

➤ **Communication Interfaces**

1. **NIC (Network Interface Card)** – It is a computer hardware component that allows a computer to connect to a network. NICs may be used for both wired and wireless connections.
2. **Ethernet Communication Interface** – Ethernet is a frame-based computer network technology for local area networks (LANs).
3. **Wireless LAN(WLAN)** – To connect wirelessly to internet services.

PRODUCT FUNCTION

❖ Functions for the buyer

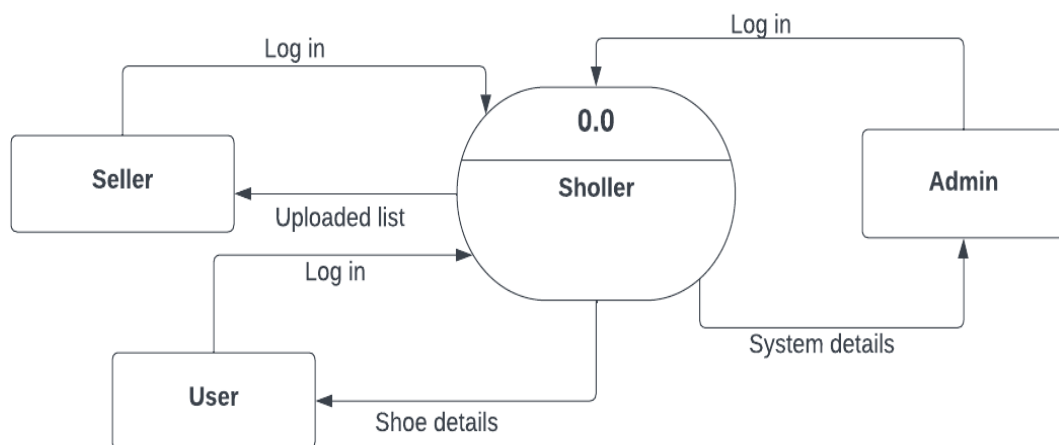
1. Registration of a new buyer.
2. Provide access to registered buyer.
3. Enable buyer to view shoe listed.
4. Enable buyer to view their Wishlist.
5. Enable buyer to have “add to cart” option.
6. Enable the payment option via “add to cart” section.
7. Enable the “item ordered” section for the buyer.

❖ Functions for the seller

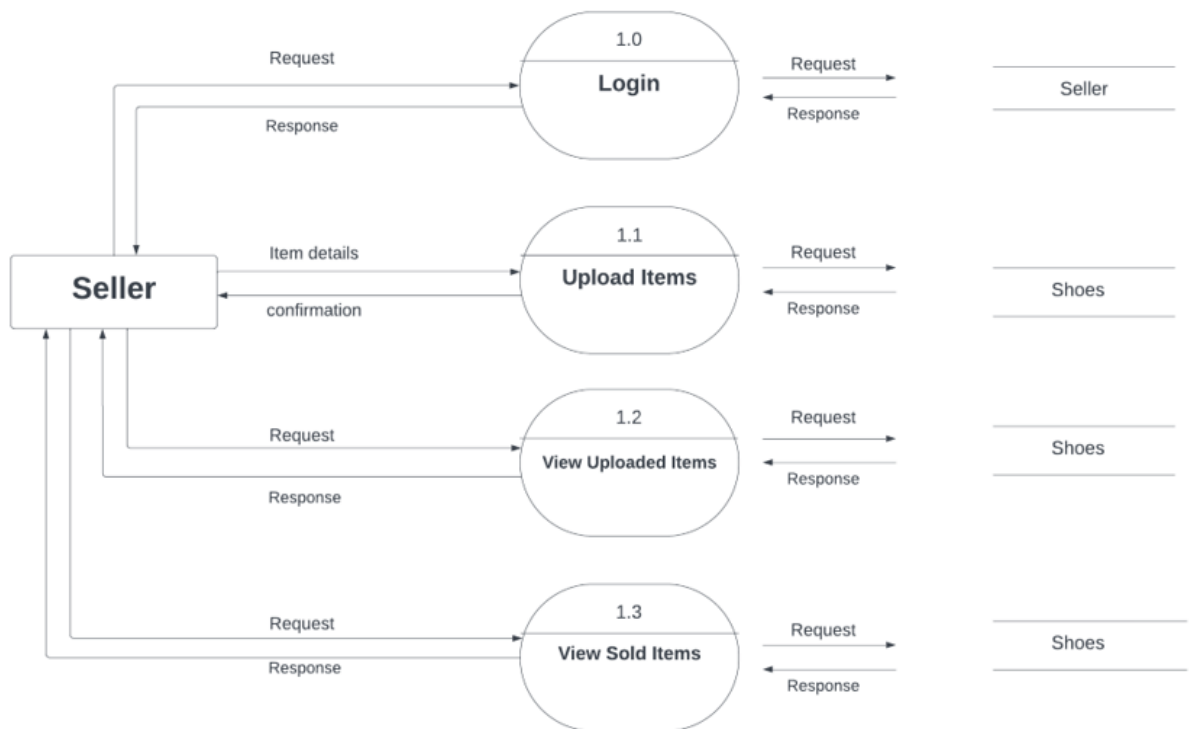
1. Register of a new seller.
2. Provide access to registered seller.
3. Enable seller to upload products for sale.
4. Enable seller “item listed” section to view their added items.

DATA FLOW DIAGRAM (DFD)

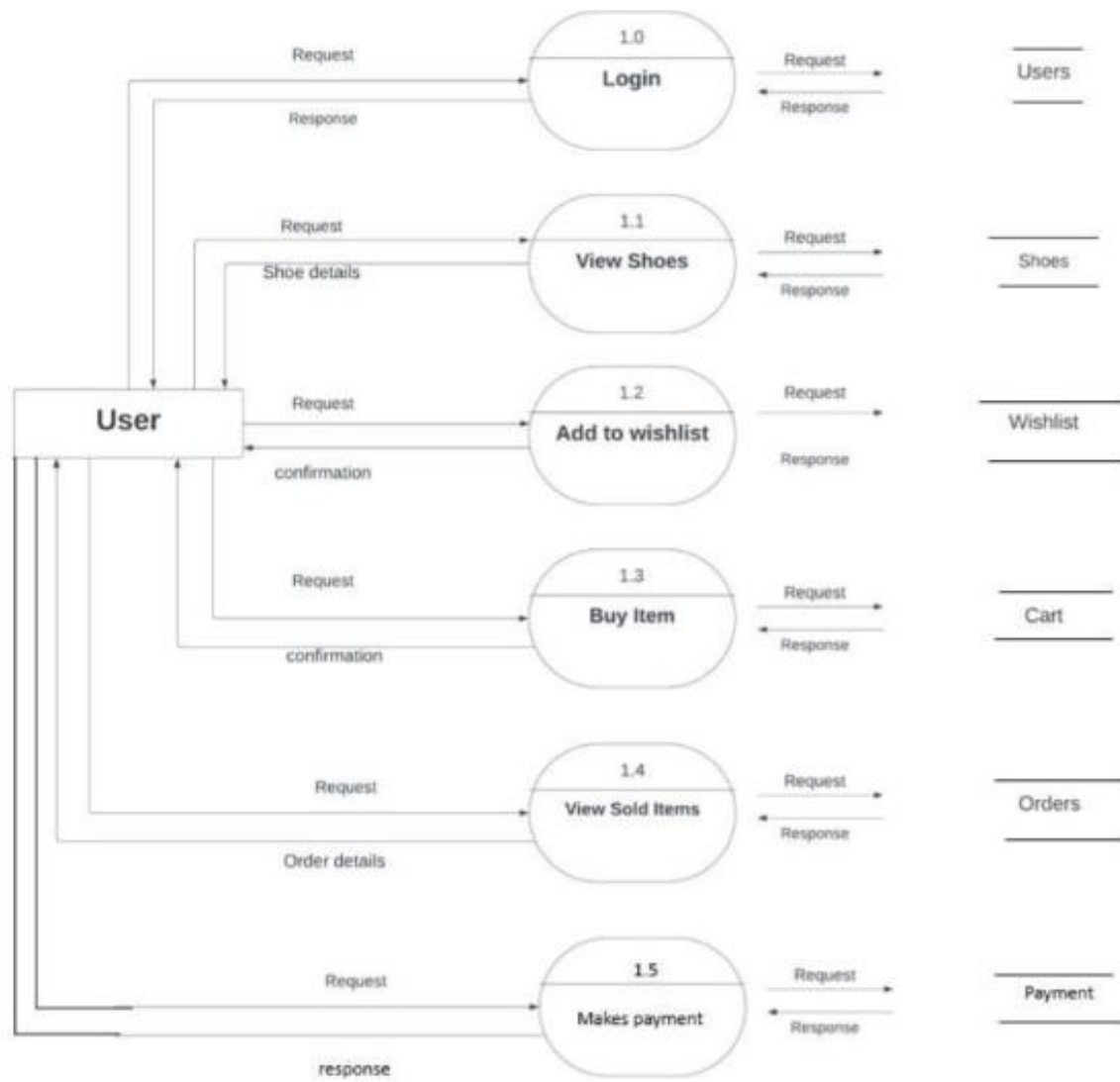
A Data Flow Diagram (DFD) is a visual representation of how data flows within a system or process in web development. It illustrates the movement of data from its source, through various processes, and to its destination. DFDs consist of different components, including external entities (such as users or systems), processes (activities that transform or manipulate data), data stores (where data is stored temporarily or permanently), and data flows (the paths through which data moves). By using symbols and arrows, DFDs provide a clear and concise overview of the data flow and interactions between components. This helps developers and stakeholders understand the system's functionality and identify potential bottlenecks or areas for improvement in data handling.



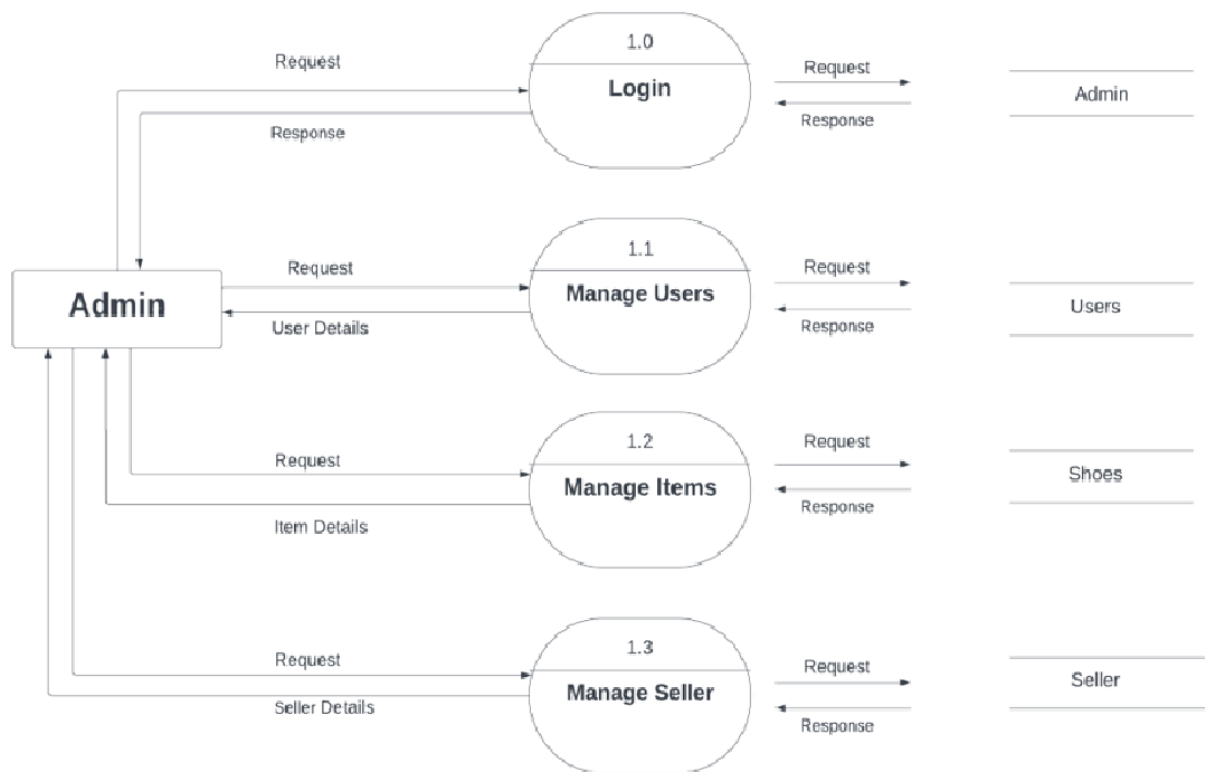
LEVEL-0 DFD



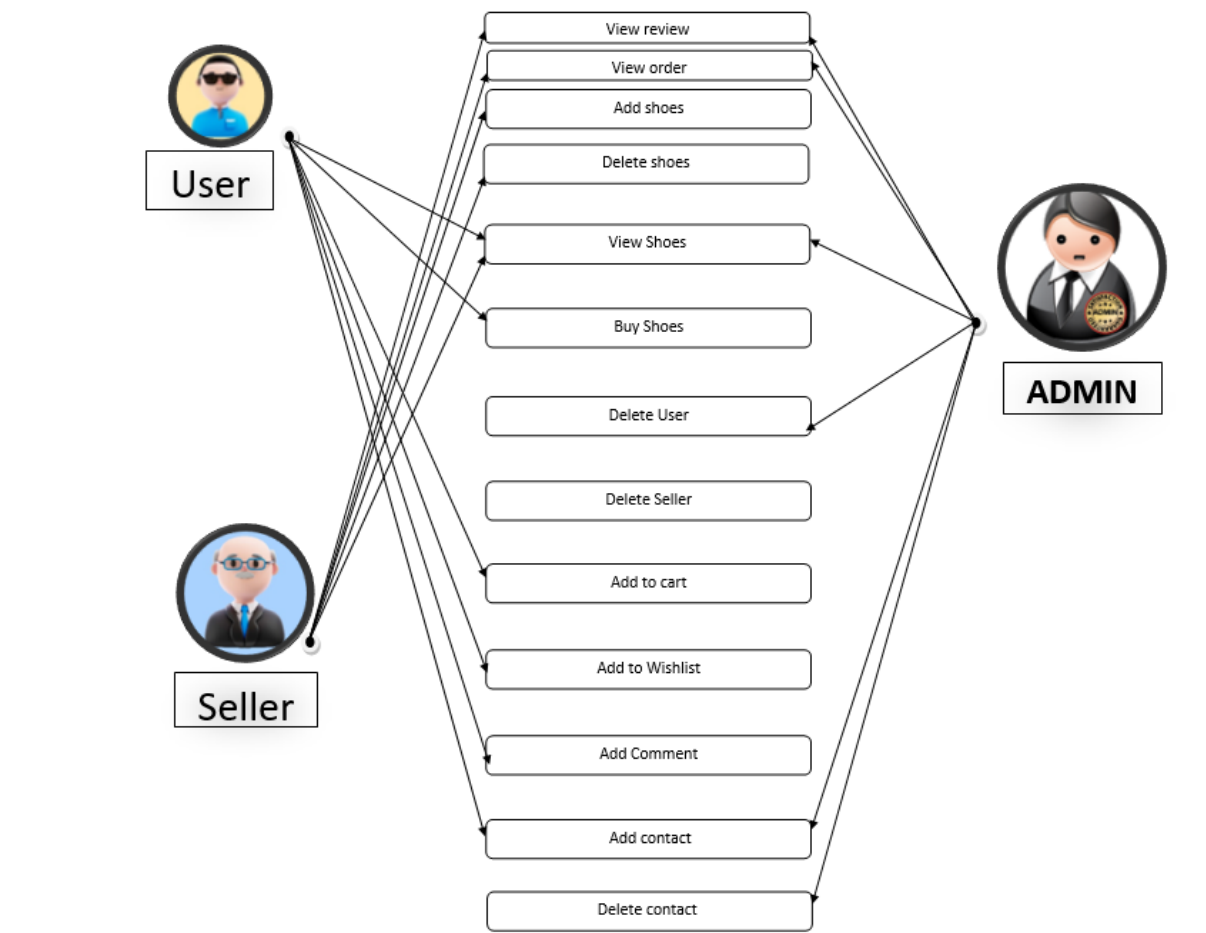
LEVEL- 1 DFD FOR SELLER



LEVEL-1 DFD FOR USER



LEVEL-1 DFD FOR ADMIN



USE CASE

The purpose of a use case diagram in UML is to demonstrate the different ways that a user might interact with a system. Below is the use case diagram for this project.

Use Case Description

I. User

In our website, there will be three types of accounts, customer/buyer, seller and admin.

***REGISTRATION**

Description – The new user can register themselves and add their details like name, age, address, phone number, email etc. The user entry will be made in the database.

Pre-condition - The user must be a new user. Validation checks are done and error is encountered if mandatory fields are not filled.

Main Flow of Events –

- User selects “Register” in Login module.
- A registration form gets displayed.
- User fills the required details.

Post Conditions – User’s record is added in database.

***LOGIN**

Description – The registered user can login by providing their username and password. If they provide the correct detail, they will be redirected to their respective dashboard pages.

Pre-Condition – The user must be a registered user. Validation checks are done and error is encountered if mandatory fields are not filled.

Main Flow of Events –

- User selects “Login” in Register module.
- A Login form gets displayed.
- User fills the required username and password.

Post Conditions – The user must be a registered user.

***UPDATION**

Description – The user should be able to update their details and the changes should reflect in the database.

Pre-condition – The user must be a registered user.

Main Flow of Events –

- User logs in to the system.
- User selects his profile for changes.
- Now user can change the necessary fields and save.

Post conditions – The record of user is updated in the database.

A. Customer/Buyer as a user

Description – customer inherits all the properties of a normal user. They have the ability to view items, Wishlist items that they like and buy or add to card to purchase.

Pre-condition – The customer must be a registered user. System or admin does not allow the customers to modify the added items or details in the website.

Main Flow of Events –

- Customer logs in to system.
- Access to add shoes.
- View the added shoes.
- Buy or purchase of shoes.
- Add to cart to purchase an item.
- Add to Wishlist if the user likes any item.

Post conditions – the database is updated if any item is wish listed or ordered.

B. Seller as a user

Description – a seller is a kind of user that has the ability to upload products for sale. They can add items or remove items if necessity occurs. They don't have the ability to purchase items.

Pre-condition – The seller must be also a registered user. They have the exclusive functionality to add items.

Main Flow of Events –

- Logs in to system.
- Access to add products.
- Access to delete products.
- Access to view products.

Post-condition – the database is updated if any item is uploaded.

C. Admin

Description – Admin can change the whole system and the database.

Pre-condition – Admin must first log in with his/her credentials.

Main Flow of Events –

- Admin logs in to system.
- Admin can view products.
- Admin can add, update or delete anything in the system as per requirements.
- Admin can delete users, both customers/buyers and sellers.

Post Conditions – The database is updated.

USER CHARACTERISTICS

ADMIN

Admin has the full access to the system which means he is able to manage any activity with regard to the system. He is the highest privileged user who can access to the system.

Key functions:

- Access management record, buyer records and seller records.
- Unrestricted access to entire database.
- View records (total no of shoes added/removed, Wish listed items.)
- Register new buyers and sellers and management of those users.
- View feedbacks from end users.

BUYER/CUSTOMER

Customers can view the items in the front or home page of the website. They can provide confirmation whether they like a product or want to purchase a product. They can edit, remove and save update personal profile details.

Key functions:

- View and update profile details.
- Access to various kinds of products via search bar/ access to products that are shown in the screen.
- Send buying confirmation with the “add to cart” option.

SELLER

Sellers will have the authority to upload their products with images and providing the current condition of the product. They can upload or remove products once its uploaded. They can't purchase products. They can also edit, remove and update their personal profile details.

Key functions:

- View and update profile details.
- Access to upload products or items.
- Access to remove uploaded items.

Constraints

- System is wirelessly networked with an encryption.
- System is only accessible within the Sholler Portal only.
- Database is password protected.
- Should use less RAM and processing power.
- Each user should have individual ID and password.
- Only master admin can access the whole system.

Assumptions and dependencies

- Each user must have a valid user id and password.
- Server must be running for the system to function.
- Users must log in to the system to access any record.
- Only the master admin can delete records.

SPECIFIC REQUIREMENTS

PERFORMANCE REQUIREMENTS

Response time- The system will give responses within 1 second after checking the patient information and other information.

Capacity- The system must support 1000 users at a time.

User interface- User interface screen will response within 5 seconds.

SAFETY REQUIREMENTS

If there is extensive damage to a wide portion of the database due to catastrophic failure, such as disk crash, the recovery method restores a past copy of the database that was backed up to archival storage and reconstructs a more current state by reapplying or redoing the operations of committed transactions from the backed-up log, up to the time of failure. All the administrative and data entry operators have unique logins so system can understand who is login in to system right now no intruders allowed except system administrative nobody cannot change record and valuable data.

SECURITY REQUIREMENTS

- Warranty period of maintaining the software would be one year.
- Additional payments will be analysed and charged for further maintenance.
- If any occur due to a user's improper use. Warranty will not be allocated for it.
- No money back returns for the software.

SOFTWARE SYSTEM ATTRIBUTES

Responsive: Responsive design serves all devices with the same code that adjusts for screen size.

Confidentiality: Unrestricted access to data is prevented.

Integrity: Unrestricted access to data is prevented.

Availability: The system shall be available all the time.

Usability: Software can be used again and again without distortion.

Correctness: Bug free software which fulfills the correct need/requirements of the client.

Maintainability: The ability to maintain, modify information and update fix problems of the system.

Accessibility: Administrator and many other users can access the system but the access level is controlled for each user according to their work scope.

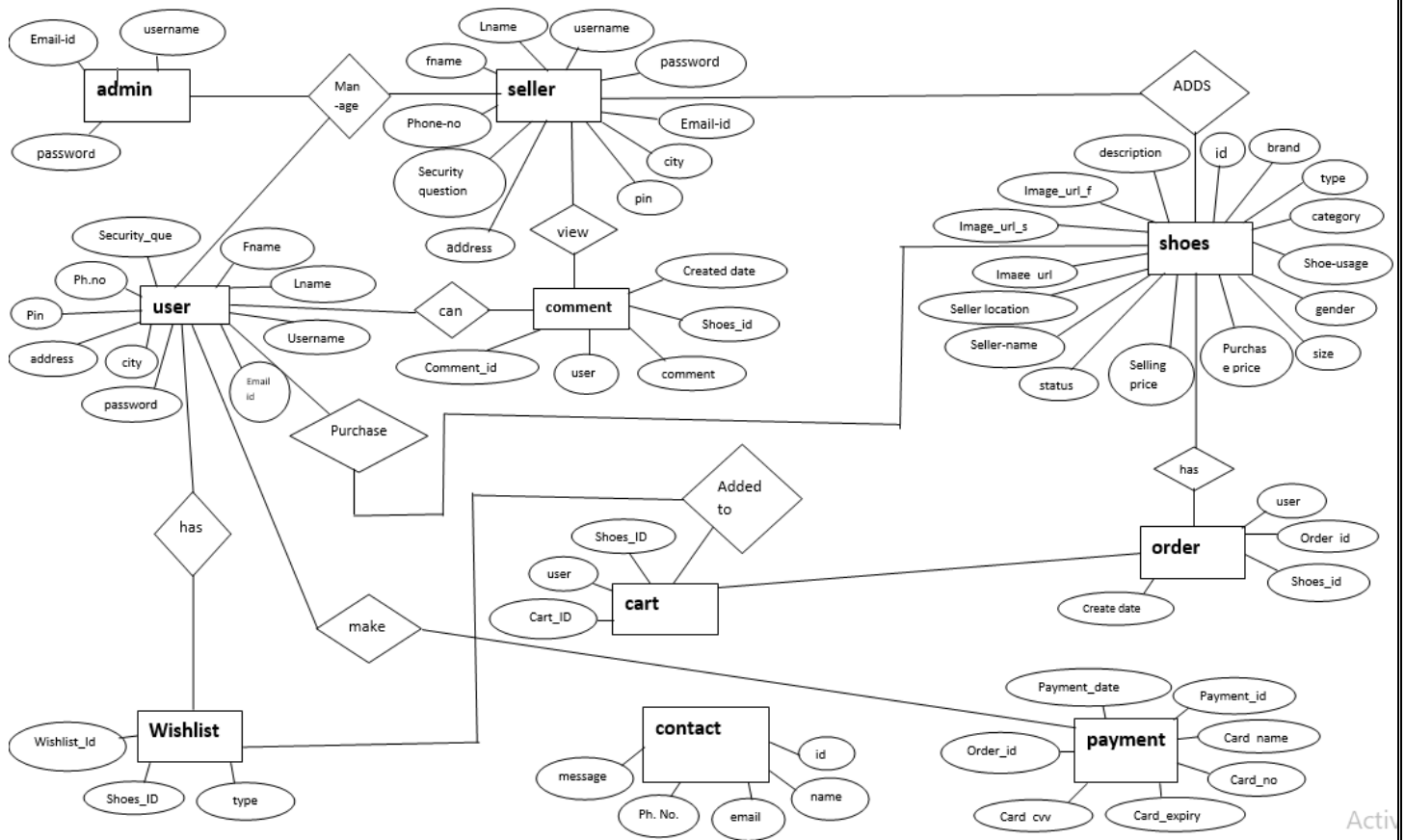
FUNCTIONAL REQUIREMENTS

These are the requirements that the end user specifically demands as basic facilities that the system should offer.

Sl. NO.	MODULE NAME	APPLICABLE ROLES	DESCRIPTION
1.	LOGIN	ADMIN CUSTOMER/BUYER SELLER	All types of users can login using unique ID and the password.
2.	REGISTRATION	ADMIN CUSTOMER/BUYER SELLER	All types of users will be provided a registration form which will help to login in the later stage. (This is required for new users).
3.	Management of users	ADMIN	Admin have the authority to control the website. If there's an unauthorized seller or an unauthorized buyer, they will be removed by the admin by strict policies and conditions of the website.
4.	Management of items	ADMIN	If there are some products that are unauthorized or doesn't match with the motives of the website, it will be removed by the admin.



5.	Make Wishlist	Buyer/Customer	Wishlist: buyers have the functionality to make a product Wishlist.
6.	Add to cart	Buyer/Customer	Buyers have the functionality to add one or many products if they want to purchase it.
7.	Order	Buyer	Order: it's a functionality for the buyers where they place a final confirmation to purchase a product. They will have an invoice after the order is placed.
8.	Order Cancel	Buyer	Customers/Buyers can cancel any placed order from the "ordered items" section.
9.	Add items	Seller	Sellers have to add the details of the item (brand name, shoe size, condition of shoe, usage time, etc.) to add a shoe to the website for sale.
10.	Show ordered items	Seller	Sellers can view their added items for sale in the "added item" section.
11.	Remove uploaded items	Seller	Sellers can remove items by just a click from the "added items" section.

Entity Relationship Diagram




DATA DESIGN


ADMIN:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	EMAIL_ID 	varchar(20)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	2	USERNAME 	varchar(10)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	3	PASSWORD	varchar(10)	utf8mb4_general_ci		Yes	NULL		


Cart:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	cart_id 	int(10)		UNSIGNED	No	None		AUTO_INCREMENT
<input type="checkbox"/>	2	user	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	3	shoes_id	int(10)		UNSIGNED	Yes	NULL		


Comment:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	comment_id 	int(6)		UNSIGNED	No	None		AUTO_INCREMENT
<input type="checkbox"/>	2	seller	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	3	user	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	4	comment	varchar(500)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	5	shoes_id	int(6)			No	None		
<input type="checkbox"/>	6	comment_time	timestamp			No	current_timestamp()		


Contact:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	id 	int(6)		UNSIGNED	No	None		AUTO_INCREMENT
<input type="checkbox"/>	2	name	varchar(30)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	3	email	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	4	phno	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	5	msg	text	utf8mb4_general_ci		No	None		



Order:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	order_id 	int(6)		UNSIGNED	No	None		AUTO_INCREMENT
<input type="checkbox"/>	2	user	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	3	shoes_id	int(10)		UNSIGNED	Yes	NULL		
<input type="checkbox"/>	4	created_date	timestamp			No	current_timestamp()		


Payment:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	payment_id 	int(6)		UNSIGNED	No	None		AUTO_INCREMENT
<input type="checkbox"/>	2	card_name	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	3	card_number	int(16)			No	None		
<input type="checkbox"/>	4	card_expiry	int(4)			No	None		
<input type="checkbox"/>	5	card_cvv	int(3)			No	None		
<input type="checkbox"/>	6	order_id	int(6)			No	None		
<input type="checkbox"/>	7	payment_date	timestamp			No	current_timestamp()		



Seller :

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	FNAME	varchar(15)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	2	LNAME	varchar(15)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	3	USERNAME 	varchar(10)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	4	EMAIL_ID 	varchar(50)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	5	PASSWORD	varchar(10)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	6	ADDRESS	varchar(30)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	7	CITY	varchar(30)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	8	PIN	varchar(30)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	9	PHONE_NUMBER	varchar(10)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	10	SECURITY_QUES	varchar(4)	utf8mb4_general_ci		Yes	NULL		


Shoes :

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	id 	int(6)		UNSIGNED	No	None		AUTO_INCREMENT
<input type="checkbox"/>	2	brand	varchar(30)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	3	type	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	4	category	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	5	shoe_usage	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	6	gender	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	7	size	varchar(10)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	8	purchase_price	decimal(10,2)			No	None		
<input type="checkbox"/>	9	selling_price	decimal(10,2)			No	None		
<input type="checkbox"/>	10	status	varchar(10)	utf8mb4_general_ci		No	LISTED		
<input type="checkbox"/>	11	user	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	12	seller_name	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	13	seller_location	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	14	image_url	varchar(255)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	15	image_url_f	varchar(255)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	16	image_url_s	varchar(255)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	17	description	text	utf8mb4_general_ci		No	None		

User :

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	FNAME	varchar(15)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	2	LNAME	varchar(15)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	3	USERNAME 	varchar(10)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	4	EMAIL_ID 	varchar(50)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	5	PASSWORD	varchar(10)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	6	ADDRESS	varchar(30)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	7	CITY	varchar(30)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	8	PIN	varchar(30)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	9	PHONE_NUMBER	varchar(10)	utf8mb4_general_ci		Yes	NULL		
<input type="checkbox"/>	10	SECURITY_QUES	varchar(4)	utf8mb4_general_ci		Yes	NULL		

Wishlist :

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/>	1	wishlist_id 	int(10)		UNSIGNED	No	None		AUTO_INCREMENT
<input type="checkbox"/>	2	user	varchar(50)	utf8mb4_general_ci		No	None		
<input type="checkbox"/>	3	shoes_id	int(10)		UNSIGNED	Yes	NULL		

PROJECT SCHEDULING

Project schedule simply means a mechanism that is used to communicate and know about that tasks are needed and has to be done or performed and which organizational resources will be given or allocated to these tasks and in what time duration or time frame work is needed to be performed. Effective project scheduling leads to success of project, reduced cost, and increased customer satisfaction. Scheduling in project management means to list out activities, deliveries, and milestones within a project that are delivered. It contains more notes than your average weekly planner notes.

Tasks	Planned Start	Actual Start	Planned Complete	Actual Complete
Problem statement	Mar w2	Mar w2	Mar w2	Mar w2
Project model	Mar w3	Mar w3	Mar w3	Mar w3
Feasibility study	Mar w3	Mar w3	Mar w4	Mar w4
SRS	April w1	April w1	April w1	April w2
DFD	April w2	April w2	April w3	April w4
Data description	April w4	April w4	April w5	April w5
ERD	April w4	April w4	April w5	April w5
USECASE diagram	April w5	April w5	May w1	May w5
Coding – Home page	May w1	May w1	May w2	May w2
Coding – Admin	May w2	May w2	May w3	May w3
Coding – Management	May w2	May w2	May w4	May w4
Coding – customer/buyer	May w3	May w3	May w5	May w1
Coding – seller	May w3	May w3	May w2	May w3
Risk analysis	May w3	May w3	May w4	May w4
Testing	May w4	May w5	May w5	June w1
maintenance	June w1	June w1	June w2	June w3

TIMELINE CHART

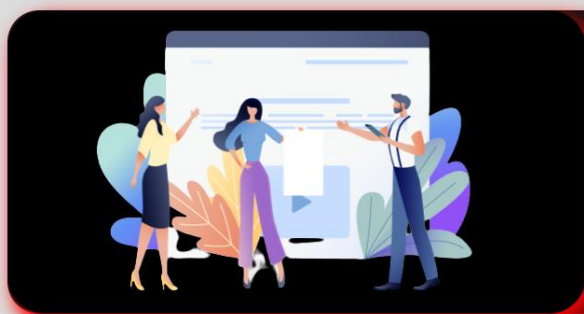
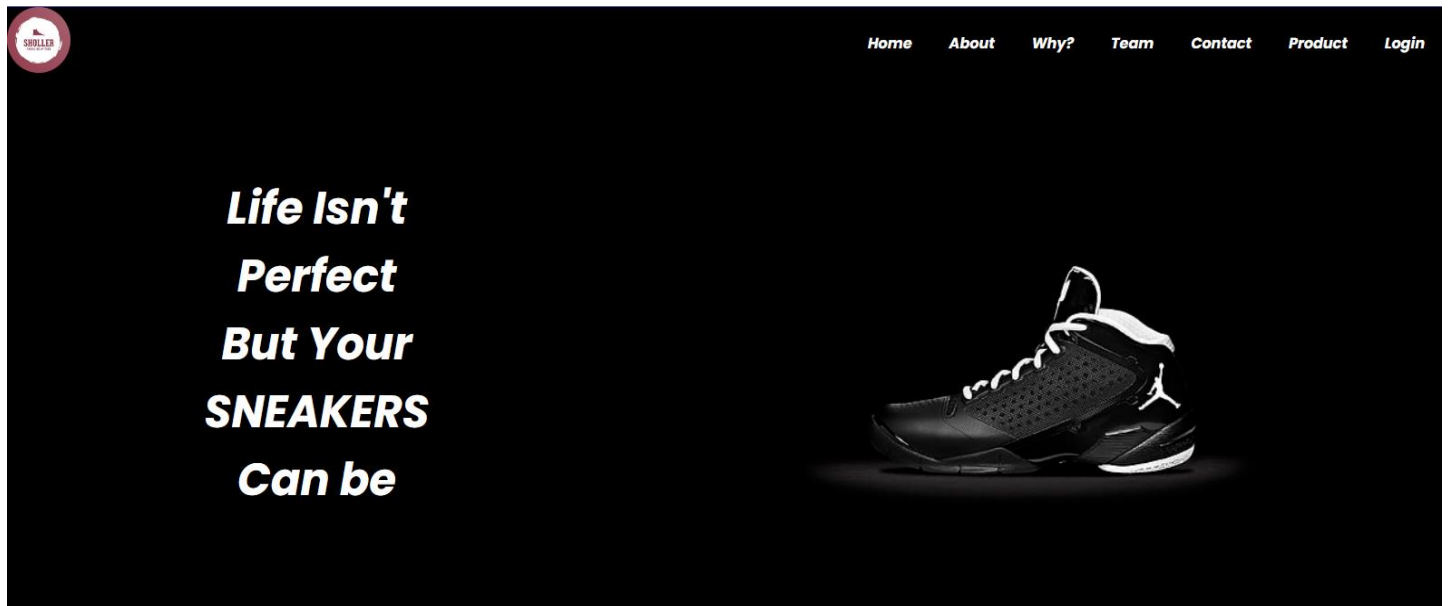
Timeline charts aim to describe the chronological order of past and future events on a time scale. In project management, this type of chart is often used to oversee team workload and understand the overall progress of a specific project. Since timeline charts document every step in the process, we can avoid potential problems and misunderstanding about how long our project should take.

The shoe Reselling Website – **Sholler** project started on March 6th, 2023 and the

Month->>	March				April					May					June			
Week->>	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4
Problem Statement	■	→																
Project Model		■	→															
Feasibility Study			■	→														
SRS				■	→													
DFD					■	→												
Data description						■	→											
ERD							■	→										
USECASE Diagram								■	→									
Coding- Homepage								■	→									
Coding- Main page									■	→								
Coding- Admin										■	→							
Coding- User											■	→						
Coding – Seller												■	→					
Risk Analysis															■	→		
Testing																■	→	
Maintenance																	■	→

first build version was completed by 1st week of June. It was then rigorously tested and the project was ready for production on 13th June. It is thereafter maintained by the team and patched accordingly.

Screenshot Samples



About us

Welcome to our shoe reselling website. We are dedicated to providing shoes enthusiast with a platform to buy and sell sought-after footwear.



Buying

Buyer can purchase their favourite shoes from our website at low price with a second hand verified premium quality.



Selling

Seller can list and sell their old premium quality inventory of shoes to potential buyers with a verification in our website.



Founder

Anand Chowbey



Founder

Arnab Saha



Founder

Arit Gon



Founder

Subhodeep Roy



Contact

Company

Sholler Provides You A Platform To
Purchase You Choice Of Shoe Within
Your Walltet.

Contact

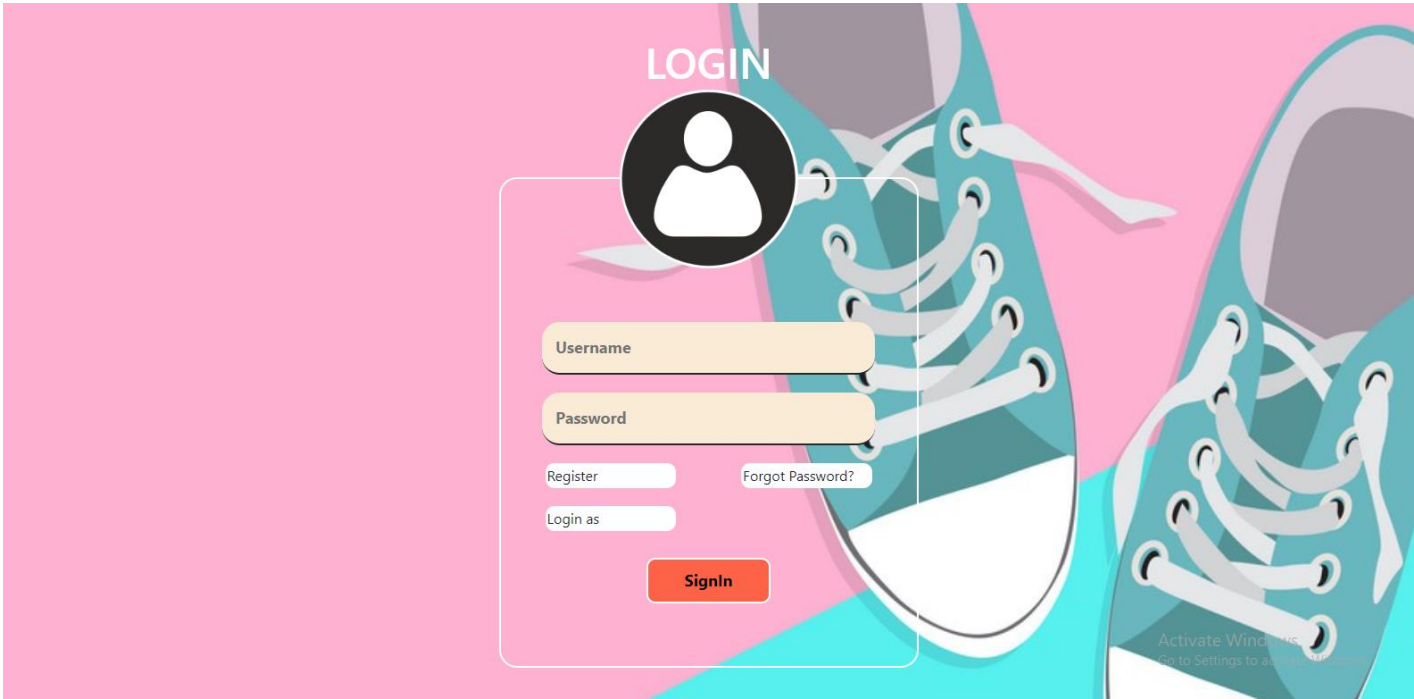
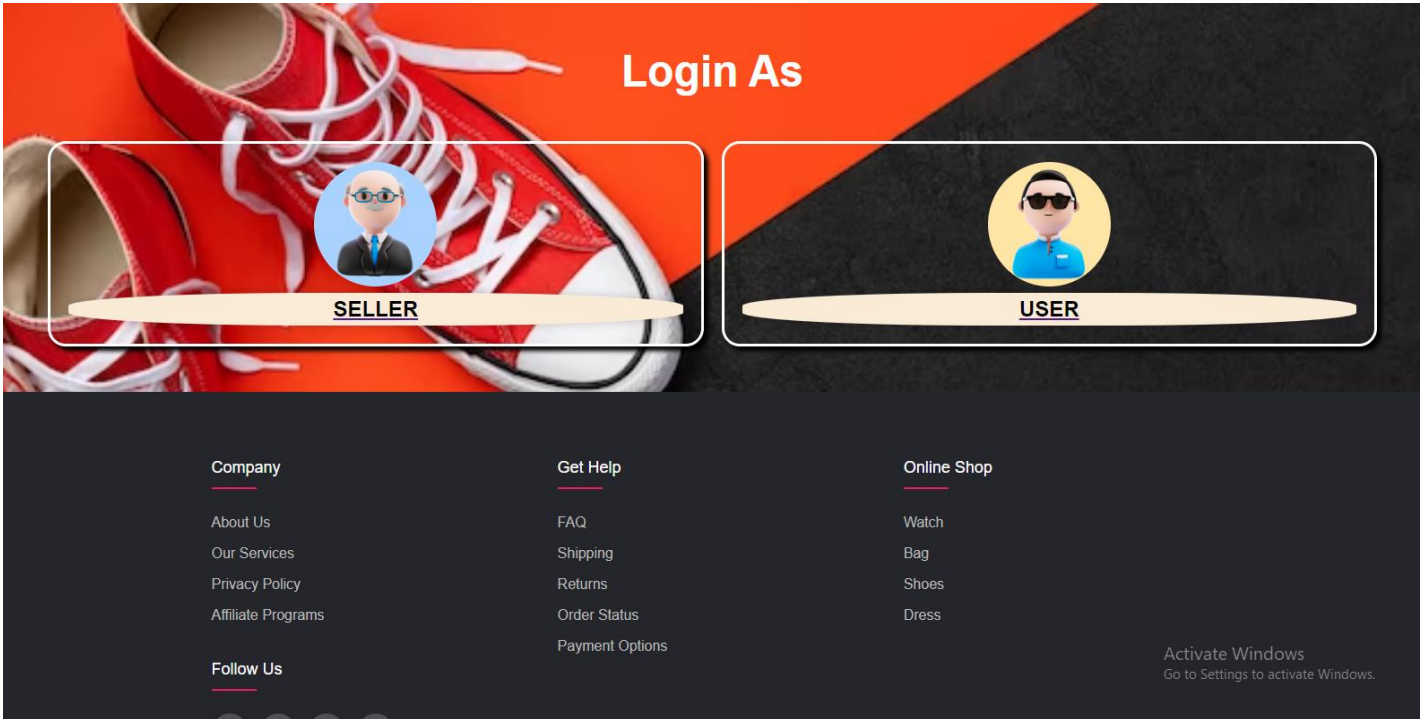
PoliceLine, Burdwan , WB.
033-12345678, 033-87654321
Sholler@gmail.Com

Useful Link

[Home](#)
[Order](#)
[Cart](#)
[Profile](#)

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Go to Settings to activate Windows.



REGISTRATION



Already Registered? Sign in

Login as

SignUp

Activate Windows
Go to Settings to activate Windows.

Company

Sholler Provides You A Platform To Purchase You
Choice Of Shoe Within Your Walltet.

Contact

Policeline,Burdwan,Westbengal
8859772644, 8578785480
Arnabsaha81115@Gmail.Com

Useful Link

Home
Order
Cart
Profile

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Registration Form

FIRST NAME

LAST NAME

ADDRESS

CITY


PIN


CONTACT


Submit



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 [Home](#) [Wishlist](#) [Cart](#) [Orders](#) [Profile](#)

Search 




NEW ARRIVAL

SCORE BIG WITH OUR LIMITED-TIME SNEAKER SALE!

REVAMP YOUR STYLE *ellz*


EXPLORE NOW

Fresh Recommendations




50%

Nike Air Max 90
Men
\$ 150.00




20%

Adidas Ultra Boost
Women
\$ 120.00




0%

Jordan Air Jordan 1
Men
\$ 200.00



45.51%

New Balance 990v5
Women
\$ 175.00




48.67%

Puma Clyde Court
Men
\$ 80.00

REVIEWS


Sholler

"Discover the Essence of Style and Quality. Sholler - Where Fashion Meets Excellence."




Tanay Nandi

“I was amazed by the exceptional customer service provided by Sholler. The team was prompt, courteous, and went above and beyond to assist me. I highly recommend their services!



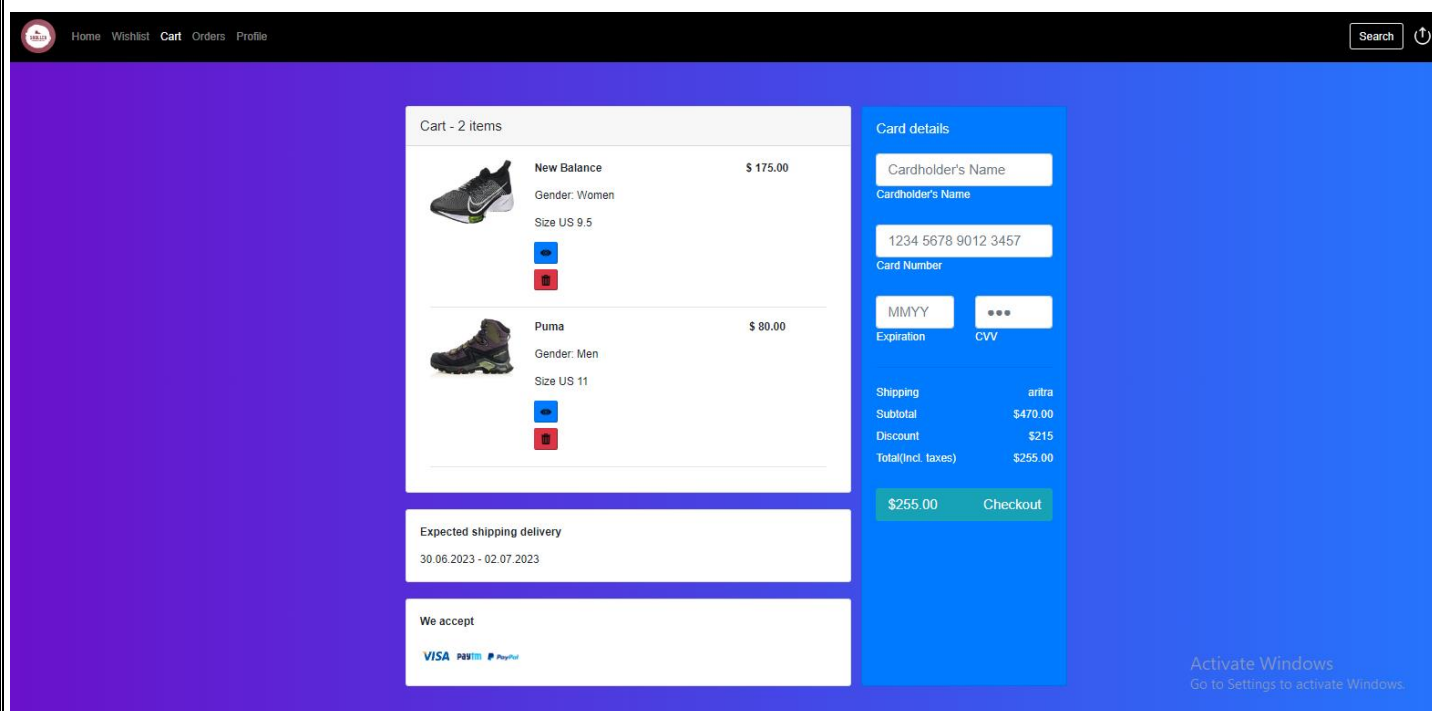
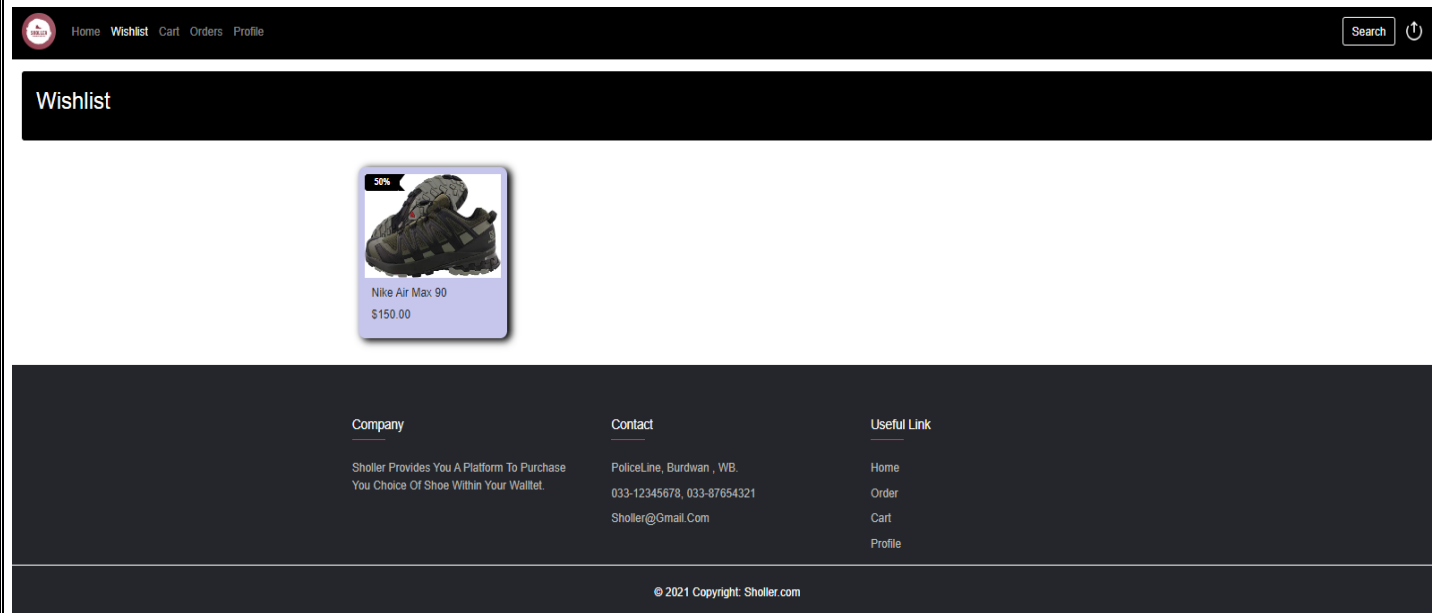
Soumendu Banerjee

“Sholler delivers top-notch products that are of outstanding quality. I was pleasantly surprised by the attention to detail and craftsmanship. It's definitely worth every penny!



Anirban Majumdar

“Shopping at Sholler was an absolute breeze. The website is user-friendly, and the checkout process was quick and secure. I'm thrilled with my purchase and will definitely be a repeat customer!





My Orders



New Balance 990v5
For Women • Sports old • Running
Description: Brand new New Balance 990v5 sneakers

[Review](#)

\$ 175.00 ~~\$320.00~~
Free shipping

[Item on Way](#)[Invoice](#)[Cancel](#)

Puma Clyde Court
For Men • Sports old • Basketball
Description: Gently used Puma Clyde Court sneakers

[Review](#)

\$ 80.00 ~~\$150.00~~
Free shipping

[Item on Way](#)[Invoice](#)[Cancel](#)

Company

Sholler Provides You A Platform To Purchase
You Choice Of Shoe Within Your Wallet.

Contact

PoliceLine, Burdwan , WB.
033-12345678, 033-87654321
Sholler@gmail.Com

Useful Link

[Home](#)
[Order](#)
[Cart](#)

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Delivery Receipt

Customer Information

Name: Subhadeep roy

Email: aritra22@gmail.com

Phone Number: 7797230022

Address: Kalnagate, burdhaman

Delivery Details

Order Placed: 2023-06-23 18:29:14

Delivery Date: 2023-06-30

Delivery Address: Kalnagate, burdhaman

Order Details


Brand	Type	Category	Duration	Gender	Size
New Balance	990v5	Running	Sports	Women	US 9.5

Total

Sub Total: \$175.00

Total Amount: \$175.00

My Account



Subhadeep roy

Information

Address: Kalnagate, burdhaman
City: Burdhaman
Pin: 713101

Contact

Phone: 7797230022
Email: aritra22@gmail.com

Security Question:

2001

Search Item

Search

All

Min Price

Max Price

All

Filter

Company

Sholler Provides You A
Platform To Purchase You
Choice Of Shoe Within Your
Wallet.

Contact

PoliceLine, Burdwan , WB.
033-12345678, 033-87654321
Sholler@gmail.Com

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SELLER LOGIN

[Register](#)[Forgot Password?](#)[Login as](#)[Sign In](#)

Company

Sholler Provides You A Platform To Purchase You
Choice Of Shoe Within Your Wallet.

Contact

PoliceLine,Burdwan,Westbengal
8859772644, 8578785480
Amabsaha81115@gmail.Com

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Activate Windows
Go to Settings to activate Windows.

Registration Form



Activate Windows
Go to Settings to activate Windows.

[Home](#)[Order](#)[Dashboard](#)[Logout](#)**Items Listed**[Add Item](#)

Create Your Ad

Choose a category:

**Men****Women****Kids**

Activate Windows
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[Home](#)[Order](#)[Dashboard](#)[Logout](#)

Create Your Add

Gender* Brand Name * Type* Category * Shoe Size* Usage Time* Purchase Price* Set a Price* Description Main Image* Image First* Image Second*

Activate Windows

[Home](#)[Order](#)[Dashboard](#)[Logout](#)

Items Listed

[Add Item](#)

Adidas

Sneaker

These shoes have been lightly worn and are in fantastic condition.

Size: **US-8**

PRICE

7199.00

[Listed](#)[Home](#)[Order](#)[Dashboard](#)[Logout](#)

Items Listed

[Add Item](#)

Company

Sholler Provides You A Platform To Sell Your
Choice Of Shoe And To Fill Your Wallet.

Contact

PoliceLine, Burdwan, WB
Sholler@gmail.Com

Useful Link

[Home](#)
[Order](#)
[Profile](#)



My Profile



Subhadeep roy

Information

Address: Kalnagate, burdhaman
City: Burdhaman
Pin: 713104

Contact

Phone: 7797230022
Email: subhadeeppray2001@gmail.com

Security Question:

2001

ADMIN



anand2002

Signin as User

Access

Company

About Us
Our Services
Privacy Policy
Affiliate Programs

Get Help

FAQ
Shipping
Returns
Order Status
Payment Options

Online Shop

Watch
Bag
Shoes
Dress

Follow Us



Activate Windows
Go to Settings to activate Windows.



Item Buyer Seller Contact



Search by Keyword: Search by ID:

Id	Brand	Size	Duration	Selling Price	Type	Category	Gender	Purchase Price	User	Status	Seller	
1	Nike	US 9	Sports	\$150.00	Air Max 90	Running	Men	\$300.00		sold	John Doe	
2	Adidas	US 8.5	Sports	\$120.00	Ultra Boost	Running	Women	\$100.00		LISTED	Jane Smith	
3	Jordan	US 10	Sports	\$200.00	Air Jordan 1	Basketball	Men	\$200.00		LISTED	Alex Lee	
4	New Balance	US 9.5	Sports	\$175.00	990v5	Running	Women	\$320.00		LISTED	Sarah Johnson	
5	Puma	US 11	Sports	\$80.00	Clyde Court	Basketball	Men	\$150.00		LISTED	David Kim	



[Item](#) [Buyer](#) [Seller](#) [Contact](#)



Search by Keyword: Search by ID:

First Name	Last Name	Username	Email	Address	City	Pin	Phone Number	
Subhadeep	roy	akash76	akash5@gmail.com	Kalnagate, burdhaman	Burdhaman	713101	7797230022	<input type="button" value="Delete"/>
Subhadeep	roy	subha	subhadeepray2001@gmail.com	Kalnagate, burdhaman	Burdhaman	713104	7797230022	<input type="button" value="Delete"/>



[Item](#) [Buyer](#) [Seller](#) [Contact](#)



Search by Keyword: Search by ID:

First Name	Last Name	Username	Email	Address	City	Pin	Phone Number	
Subhadeep	roy	subha	subhadeepray2001@gmail.com	Kalnagate, burdhaman	Burdhaman	713104	7797230022	<input type="button" value="Delete"/>



[Item](#) [Buyer](#) [Seller](#) [Contact](#)



Search by Keyword: Search by ID:

Id	Name	Email	Phone Number	Message
----	------	-------	--------------	---------

Sholler → User Section

login.php [User login]

Code:

```
<body>

<!-- -----Body----->

<section id="login">

  <h1>LOGIN</h1>

  <div class="login-body">

    <div class="content">

      <form action="" method="POST">

        <input type="text" name="user-name" placeholder="Username"
autocomplete="off" required>

        <input type="password" name="user-pass" placeholder="Password"
autocomplete="off" required>

        <p><a href="registration.php">Register</a> <a href="forgotpass.php">Forgot
Password?</a></p>

        <p><a href="login_home.html">Login as</a></p>

        <input type="submit" value="SignIn" class="submitbtn">

      </form>

    <?php
include('auth/login_auth.php');
?>

  </div>

</div>

</section>

<!-- -----Body----->

</body>
```

Registration.php [user registration]

Code:

```
<!-- -----Body----->

<section id="login">

    <h1>REGISTRATION</h1>

    <div class="login-body">

        <div class="content">

            <form action="" method="POST">

                <input type="email" name="user-email" placeholder="Email"
autocomplete="off" required>

                <input type="text" name="user-name" placeholder="Username"
autocomplete="off" required>

                <input type="password" name="user-pass" placeholder="Password"
autocomplete="off" required>

                <input type="password" name="user-pass-confirm" placeholder="Re-Enter
Password" autocomplete="off" required>

                <input type="password" name="securty-ques" placeholder="Security Question
[Year of Birth]" autocomplete="off" required>

                <p><a href="login.php">Already Registered? Sign in</a></p>

                <p><a href="login_home.html">Login as</a></p>

                <input type="submit" value="SignUp">

            </form>

        </div>

    </div>

</section>

<!-- -----Body----->

<?php
include('auth/regis_auth.php');
```



```
?>
</body>
```

Home.php

Code:

```
<!-- -----Crousel----- -->

<div id="carouselExampleIndicators" class="carousel slide crousel-h" data-
ride="carousel">

  <ol class="carousel-indicators">

    <li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>

    <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>

  </ol>

  <div class="carousel-inner h-10">

    <div class="carousel-item active">

    </div>

    <div class="carousel-item">

    </div>

  </div>

  <button class="carousel-control-prev" type="button" data-
target="#carouselExampleIndicators" data-slide="prev">

    <span class="carousel-control-prev-icon" aria-hidden="true"></span>

    <span class="sr-only">Previous</span>

  </button>

  <button class="carousel-control-next" type="button" data-
target="#carouselExampleIndicators" data-slide="next">
```

```
        <span class="carousel-control-next-icon" aria-hidden="true"></span>
        <span class="sr-only">Next</span>
    </button>
</div>
```

```
<!-- -----Crousel----- -->
<div class="card text-white bg-gradient-nav m-3">
```

```
    <div class="card-body">
        <h5 class="card-title">Fresh Recommendations</h5>
    </div>
</div>
```

```
<!-- -----card----- -->
<div class='container' id="item_section">
    <div class='row'>
        <?php include('php/shoe.php'); ?>
    </div>
</div>
```

```
</div>
```

```
<!-- -----card----- -->
<div class="card text-white bg-gradient-nav m-3">
```

```
    <div class="card-body">
        <h5 class="card-title">REVIEWS</h5>
    </div>
</div>
```

```

<!-- -----Reviews----- -->
<section style="margin:20px;">
  <div class="row d-flex justify-content-center">
    <div class="col-md-10 col-xl-8 text-center">
      <h3 class="mb-4">Sholler</h3>
      <p class="mb-4 pb-2 mb-md-5 pb-md-0">
        "Discover the Essence of Style and Quality. Sholler - Where Fashion Meets
        Excellence."
      </p>
    </div>
  </div>

  <div class="row text-center d-flex align-items-stretch">
    <div class="col-md-4 mb-5 mb-md-0 d-flex align-items-stretch">
      <div class="card testimonial-card">
        <div class="card-up" style="background-color: #9d789b;"></div>
        <div class="avatar mx-auto bg-white">
          
        </div>
        <div class="card-body">
          <h4 class="mb-4">Tanay Nandi</h4>
          <hr />
          <p class="dark-grey-text mt-4">
            I was amazed by
            the exceptional customer service provided by Sholler. The team was prompt, courteous, and
            went above and beyond to assist me. I highly recommend their services!
          </p>
        </div>
      </div>
    </div>
  </div>

```

```

</div>

<div class="col-md-4 mb-5 mb-md-0 d-flex align-items-stretch">

  <div class="card testimonial-card">

    <div class="card-up" style="background-color: #7a81a8;"></div>

    <div class="avatar mx-auto bg-white">

    </div>

    <div class="card-body">

      <h4 class="mb-4">Soumendu Banerjee</h4>

      <hr />

      <p class="dark-grey-text mt-4">

         Sholler delivers
top-notch products that are of outstanding quality. I was pleasantly surprised by the
attention to detail and craftsmanship. It's definitely worth every penny!

      </p>

    </div>

  </div>

</div>

<div class="col-md-4 mb-0 d-flex align-items-stretch">

  <div class="card testimonial-card">

    <div class="card-up" style="background-color: #6d5b98;"></div>

    <div class="avatar mx-auto bg-white">

    </div>

    <div class="card-body">

      <h4 class="mb-4">Anirban Majumdar</h4>

      <hr />

      <p class="dark-grey-text mt-4">

```

`Shopping at Sholler was an absolute breeze. The website is user-friendly, and the checkout process was quick and secure. I'm thrilled with my purchase and will definitely be a repeat customer!`

`</p>`

`</div>`

`</div>`

`</div>`

`</div>`

`</section>`

Php/shoe.php [used in home.php]

Code:

```
<?php
```

```
// Connect to MySQL database
```

```
$host = "localhost";
```

```
$username = "root";
```

```
$password = "";
```

```
$dbname = "sholler";
```

```
$conn = new mysqli($host, $username, $password, $dbname);
```

```
// Check connection
```

```
if ($conn->connect_error) {
```

```
    die("Connection failed: " . $conn->connect_error);
```

```
}
```

```
// Retrieve shoe data from database
```

```
$sql = "SELECT * FROM shoes where status='listed'";
```

```
$result = $conn->query($sql);
```

```

// Check if there are any rows returned
if ($result->num_rows > 0) {

    while ($row = $result->fetch_assoc()) {

        // Calculate the percentage difference
        $percentageDifference = (($row['purchase_price'] - $row['selling_price']) /
        $row['purchase_price']) * 100;

        echo "

        <div class='col-lg-3 col-md-4 mb-3'>
            <div class='product-box'>
                <div class='product-inner-box position-relative'>
                    <div class='icons position-absolute'>
                        <form action='product_page.php' target='_blank' method='post'>
                            <input type='hidden' name='product_id' value='" . $row["id"] . "'>
                            <button type='submit' class='btn btn-light rounded-pill text-decoration-none
text-dark'><img src='images/icons/eye.png' width=15px alt=' '></button>
                        </form>
                        <form action='php/add_to_wishlist.php' method='post'>
                            <input type='hidden' name='product_id' value='" . $row["id"] . "'>
                            <button type='submit' class='btn btn-light rounded-pill text-decoration-none
text-dark'><img src='images/icons/wishlist.png' width=15px alt=' '></button>
                        </form>
                    </div>
                    <div class='onsale'>
                        <span class='badge badge-rounded-0'>" . round($percentageDifference, 2) .
"%</span>
                    </div>

```

```
<img src='seller/php/" . $row['image_url'] . "' alt='id='product-img' class='img-fluid img-item'>
```

```
<div class='cart-btn'>
```

```
<form action='php/add_to_order.php' method='post'>
```

```
<input type='hidden' name='product_id' value='" . $row["id"] . "'>
```

```
<button class='btn btn-light shadow-sm rounded-pill'>Add to Cart</button>
```

```
</form>
```

```
</div>
```

```
</div>
```

```
<div class='product info'>
```

```
<div class='product-name'>
```

```
<h3>" . $row["brand"] . " " . $row["type"] . "</h3>
```

```
<h3>" . $row["gender"] . "</h3>
```

```
</div>
```

```
<div class='product-price'>
```

```
₹ <span>" . $row["selling_price"] . "</span>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
";
```

```
}
```

```
} else {
```

```
echo "No results found.";
```

```
}
```

```
?>
```

Session storage.php [used to store user information during a session]

Code:

```
<?php
// // Start session
// session_start();

// Connect to database
include("auth/database.php");

$conn = mysqli_connect($host, $username, $password, "sholler");
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

// Retrieve user data from database
$sql = "SELECT * FROM USER WHERE USERNAME = '" . $_SESSION['user'] . "'";
$result = mysqli_query($conn, $sql);
if (mysqli_num_rows($result) > 0) {
    // Store user data in session
    $row = mysqli_fetch_assoc($result);
    $_SESSION['fname'] = $row['FNAME'];
    $_SESSION['lname'] = $row['LNAME'];
    $_SESSION['email'] = $row['EMAIL_ID'];
    $_SESSION['password'] = $row['PASSWORD'];
    $_SESSION['address'] = $row['ADDRESS'];
    $_SESSION['city'] = $row['CITY'];
    $_SESSION['pin'] = $row['PIN'];
    $_SESSION['phone'] = $row['PHONE_NUMBER'];
    $_SESSION['security'] = $row['SECURITY_QUES'];
}
?>
```

Sholler → Seller Section

Seller/apply.php

Code:

```
<!-- -----body----- -->

<div id="home">
  <section class="upper">
    <h1 class="primary">Create Your Add</h1>
    <form id="data-form" enctype="multipart/form-data" action="php/item_upload.php"
method="POST">
      <div class="inner">
        <div class="data">
          <label for="gender" class="required">Gender</label>
          <input type="text" id="gender" name="gender" value="" readonly required>

          <label for="brand-name" class="required">Brand Name </label>
          <select id="brand-name" name="brand-name" required size="1">
            <option value="" disabled selected>select</option>
            <option value="Nike">Nike</option>
            <option value="Adidas">Adidas</option>
            <option value="Reebok">Reebok</option>
            <option value="Gucci">Gucci</option>
            <option value="Air jordan">Air Jordan</option>
            <option value="New Balance">New Balance</option>
            <option value="Puma">Puma</option>
            <option value="Skechers">Skechers</option>
          </select>

          <label for="type" class="required">Type</label>
```

```
<select id="type" name="type" required size="1">
  <option value="" disabled selected>select</option>
  <option value="Sneaker">Sneaker</option>
  <option value="Loafer">Loafer</option>
  <option value="Casual">Casual</option>
  <option value="Brogues">Brogues</option>
  <option value="Sport-Shoes">Sport shoes</option>
  <option value="Slippers">Slippers</option>
</select>
```

```
<label for="category" class="required">Category </label>
<select id="category" name="category" required size="1">
  <option value="" disabled selected>select</option>
  <option value="Leather">Leather</option>
  <option value="Foam">Foam</option>
  <option value="Canvas">Canvas</option>
  <option value="Suede">Suede</option>
  <option value="Cons">Cons</option>
</select>
```

```
<label for="shoe-size" class="required">Shoe Size</label>
<select id="shoe-size" name="shoe-size" required size="1">
  <option value="" disabled selected>select</option>
  <option value="US-1">US-1</option>
  <option value="US-2">US-2</option>
  <option value="US-3">US-3</option>
  <option value="US-4">US-4</option>
  <option value="US-5">US-5</option>
  <option value="US-6">US-6</option>
```

```
<option value="US-7">US-7</option>
<option value="US-8">US-8</option>
<option value="US-9">US-9</option>
<option value="US-10">US-10</option>
<option value="US-11">US-11</option>
<option value="US-12">US-12</option>
```

```
</select>
```

```
<label for="usage" class="required">Usage Time</label>
```

```
<select id="usage" name="usage" required size="1">
  <option value="" disabled selected>select</option>
  <option value="">1 months<&lt1 month</option>
  <option value="1-3 months">1-3 months</option>
  <option value="3-6 months">3-6 months</option>
  <option value="6-9 months">6-9 months</option>
</select>
```

```
<label for="pur_price" class="required">Purchase Price</label>
```

```
<input type="text" id="pur_price" name="pur_price" required="required"
maxlength="40">
```

```
<label for="sell_price" class="required">Set a Price</label>
```

```
<input type="text" id="sell_price" name="sell_price" required="required"
maxlength="40">
```

```
<label for="desc" class="others">Description</label>
```

```
<textarea class="others" id="desc" name="desc"></textarea>
```

```
<label for="main_image" class="required">Main Image</label>
```

```
<input type="file" id="main_image" name="main_image" accept="image/*"
required>
```

```
<label for="first_image" class="required">Image First</label>
<input type="file" id="first_image" name="first_image" accept="image/*"
required>
```

```
<label for="second_image" class="required">Image Second</label>
<input type="file" id="second_image" name="second_image"
accept="image/*" required>
```

```
</div>
</div>
<input type="submit" class="subbtn" id="data-form-input" value="Upload">
</form>
</section>
</div>
```

RISK ANALYSIS

Risk Analysis in project management is a sequence of processes to identify the factors that may affect a project's success. These processes include risk identification, analysis of risks, risk management and control, etc. proper risk analysis helps to control possible future events that may harm the overall project. It is more of a pro-active than a reactive process. RMMM (Risk Mitigation, Monitoring, and Management) plans are implemented as a countermeasure to reduce the impact. The risks and the remediation processes involved in this project are well documented below.

SL. NO.	RISK	CATEGORY	PROBABILITY	IMPACT	RMMM Plan
1.	Lack of team members experience	Human Resource Risks	20%	Medium	Provides resources to them and they complete the task within the given time.
2.	Some team member become sick in between	Human Resource Risks	20%	Medium	Other team members distribute the works in between them
3.	Delivery deadline tightened	Project Risks	25%	High	Team members give extra time to do the job on scheduled time
4.	Losing of all project data this may happen due to hard disk failure	Technical Risks	30%	High	Back up the project online or in system of every member
5.	Lack of cohesion	Project Risks	10%	Low	We make some rules that how to contact each other

Testing Methodology

This is the testing methodology phase of our project. This are the strategies and approaches used to test a particular product to ensure it is fit for the purpose.

Functional Testing:

- Test the core functionalities of the website, such as user registration, login, and logout.
- Verify that users can search for shoes based on various criteria like brand, size, condition, and price.
- Ensure that users can add items to their cart, proceed to checkout, and complete the purchase successfully.
- Test the seller functionality, including the ability to list shoes for sale, edit or remove listings, and communicate with potential buyers.
- Validate that users can view detailed product information, including images, descriptions, and seller information.
- Test the notification system to ensure users receive relevant updates about their purchases or listings.

Usability Testing:

- Evaluate the user interface for intuitiveness and ease of use.
- Test the website's responsiveness across different devices and screen sizes.
- Verify that the website is accessible to users with disabilities, adhering to web accessibility guidelines.
- Ensure that the website provides clear and concise instructions to guide users through the buying and selling process.

Performance Testing:

- Test the website's loading speed and responsiveness under various network conditions.
- Validate that the website can handle multiple concurrent users without significant performance degradation.

- Test the website's scalability by simulating a high load on the server and monitoring its response.

Security Testing:

- Perform vulnerability scanning and penetration testing to identify potential security vulnerabilities.
- Ensure that user authentication and authorization mechanisms are secure and properly implemented.
- Validate that sensitive user information, such as passwords and payment details, are properly encrypted and protected.
- Test against common web security threats, such as cross-site scripting (XSS) and SQL injection.

Compatibility Testing:

- Test the website on different web browsers (e.g., Chrome, Firefox, Safari, Edge) to ensure compatibility.
- Verify that the website functions correctly on different operating systems (e.g., Windows, macOS, Linux).
- Test the website on different devices, including desktops, laptops, tablets, and mobile phones.

Integration Testing:

- Test the integration of external services, such as payment gateways and shipping providers, to ensure smooth transactions.
- Validate that the website can integrate with APIs or third-party platforms, if applicable.

Regression Testing:

- Perform regression testing after each code change or system update to ensure that existing functionalities are not affected.

Error Handling and Exception Testing:

- Test the website's ability to handle unexpected errors gracefully and provide helpful error messages to users.
- Verify that the website handles exceptional scenarios, such as invalid user input or server errors, without crashing or compromising security.

Maintenance phase

The maintenance phase is crucial for ensuring that our website remains functional, secure and up-to-date after its initial development.

Bug Fixes and Issue Resolution:

- Continuously monitor the website for any reported bugs or issues.
- Prioritize and categorize reported issues based on their severity and impact on the user experience.
- Investigate and fix bugs promptly to ensure the website functions smoothly.
- Keep track of resolved issues and maintain a comprehensive bug tracking system.

Security Updates and Patches:

- Regularly update the website's software components, frameworks, and libraries to address security vulnerabilities.
- Stay informed about the latest security threats and vulnerabilities in web applications.
- Monitor security advisories and patches released by the platform or framework used for development.
- Implement secure coding practices and perform periodic security audits to identify potential weaknesses.

Performance Monitoring and Optimization:

- Continuously monitor the website's performance metrics, such as page load times, server response times, and resource utilization.
- Identify performance bottlenecks and optimize code, database queries, and server configurations as necessary.
- Consider implementing caching mechanisms, content delivery networks (CDNs), or other performance-enhancing techniques to improve website speed.

Content Management:

- Regularly review and update the content on your website to keep it relevant and engaging.
- Ensure that product listings, prices, and availability information are accurate and up-to-date.
- Monitor user-generated content (if applicable) to prevent spam, inappropriate content, or malicious activities.

Backup and Disaster Recovery:

- Implement regular backup procedures to safeguard your website's data and configuration.
- Store backups securely in offsite locations or cloud storage services.
- Test the restoration process periodically to ensure backups are reliable and can be used in case of data loss or system failures.

User Feedback and Continuous Improvement:

- Encourage users to provide feedback on their experience with the website.
- Monitor user reviews, comments, and support requests to gain insights into areas for improvement.
- Use user feedback to identify new features, usability enhancements, or optimizations to incorporate in future updates.

Compliance and Legal Considerations:

- Stay updated with applicable laws and regulations related to e-commerce, user data privacy, and consumer protection.
- Ensure compliance with data protection regulations, such as GDPR or CCPA, by implementing appropriate privacy measures.
- Regularly review and update your terms of service, privacy policy, and any legal disclaimers.

Version Control and Release Management:

- Utilize version control systems to manage codebase changes and track revisions.
- Establish a clear release management process to ensure controlled deployment of updates and new features.

- Test new releases thoroughly in a staging environment before deploying to the live production environment.

Monitoring and Analytics:

- Implement website analytics tools to gather data on user behaviour, traffic patterns, and conversion rates.
- Monitor server logs and error logs to proactively identify issues and patterns of website usage.
- Utilize monitoring tools to receive alerts and notifications about server uptime, performance, and security incidents.

Documentation and Knowledge Base:

- Maintain up-to-date documentation, including system architecture, configurations, and development guidelines.
- Create a knowledge base or FAQ section to provide self-help resources for common user inquiries.
- Document any customizations, integrations, or configurations made to third-party services.

Conclusion

In conclusion, the development of the **Sholler** website has been a significant endeavour aimed at providing a platform for reselling branded shoes to cater to the interests and affordability constraints of today's youth. Throughout the project, our team has worked diligently to create a user-friendly and secure website that facilitates the buying and selling of second-hand branded shoes.

The **Sholler** website offers an accessible and convenient solution for users who aspire to wear branded shoes but may not have the means to purchase them brand new. By providing a platform for individuals to sell their pre-owned shoes, we promote sustainability and affordability in the fashion industry.

During the development process, we have adhered to industry best practices, incorporating robust security measures to safeguard user information and transactions. Our team has focused on creating a responsive and intuitive user interface, ensuring a seamless browsing and purchasing experience across different devices and screen sizes.

Additionally, we have prioritized performance optimization to deliver fast-loading pages and efficient search functionality, enhancing user satisfaction and engagement. Regular maintenance and updates will be crucial to keep the website secure, reliable, and up-to-date.

We would like to express our gratitude to the entire development team for their hard work and dedication throughout the project. Their technical expertise and collaborative efforts have been instrumental in bringing the **Sholler** website to life.

Furthermore, we would like to extend our appreciation to our clients and users who have provided valuable feedback and support during the development process. Your insights and suggestions have played a vital role in shaping the website's features and functionality.

As we move forward, we remain committed to continuously improving the **Sholler** website based on user feedback, market trends, and technological advancements. We envision **Sholler** becoming the go-to platform for the reselling of branded shoes, serving as a trusted and reliable marketplace for both buyers and sellers.

We are excited about the future prospects of **Sholler** and the positive impact it can have on the fashion industry, affordability, and sustainability. Thank you for joining us on this journey, and we look forward to your continued support and engagement.

Best regards,

Team **Sholler**

Bibliography

Our project involved permissible use and access of the following sources:

- <https://fonts.google.com/> - for font selections
- <https://www.github.com/> - for collaborating from home
- <https://canva.com/> - for creating banners
- <https://geeksforgeeks.com/> - for code clarification
- <https://w3schools.com/> - for code clarification
- <https://mycolor.space/gradient/> - for picking colour HEX or RGB codes
- <https://www.diagrams.net/> - for designing diagrams