

Introduction

The SR Garment is a Sri Lanka export development Board approved venture which was started in 2008, operated from the city of Batticaloa. This Garment is one of the best emerging organizations in the manufacturing of children's clothing and which connects customers with end-to-end apparel sourcing and finishing solutions through their comprehensive portfolio of goods and services. currently more than 50 employees working here. This organization has more than 100 wholesalers and retailers as its customers. In this company, separate workers are employed for each job and the work is carried out continuously in an orderly manner. Also, the company imports all kinds of fabrics and other essential items from foreign countries and exports its products to foreign countries. At the present, SR garment uses a manual system for the management and maintenance of critical information. They use a paper-based method to record all the details that are relevant to their daily operations. They faced some difficulties when using this current system. Therefore, we suppose to implement a digitalized web-based application.

Baby shop web application is the most convenient and user-friendly website for both customers and admin panels. It has been developed languages using HTML5, CSS, JavaScript and PHP as front end and MySQL as back end. The main goal of this project is to reduce the manual works, increase the processing speed and ensure the reliability of data. All process needed for the baby shop management is recorded for providing the good information to the concern. This project aims at to monitor all process in the baby shop like receiving the customer orders, monitoring the products details and handling online payments.

Tools

Required tools for develop the application

- Visual Studio Text editor
- Web browser (Chrome)
- XAMPP Control Panel

Security Constraints

- Use secured database.
- Normal users can only read instructions and use the system; they are not allowed to alter or modify anything but their personal information and a small amount of other data.
- Proper user authentication is provided.
- Nobody should be able to hack into user information or any other data.
- Users should have their own section where they can't access the database and only the administrator has the authority to make changes.

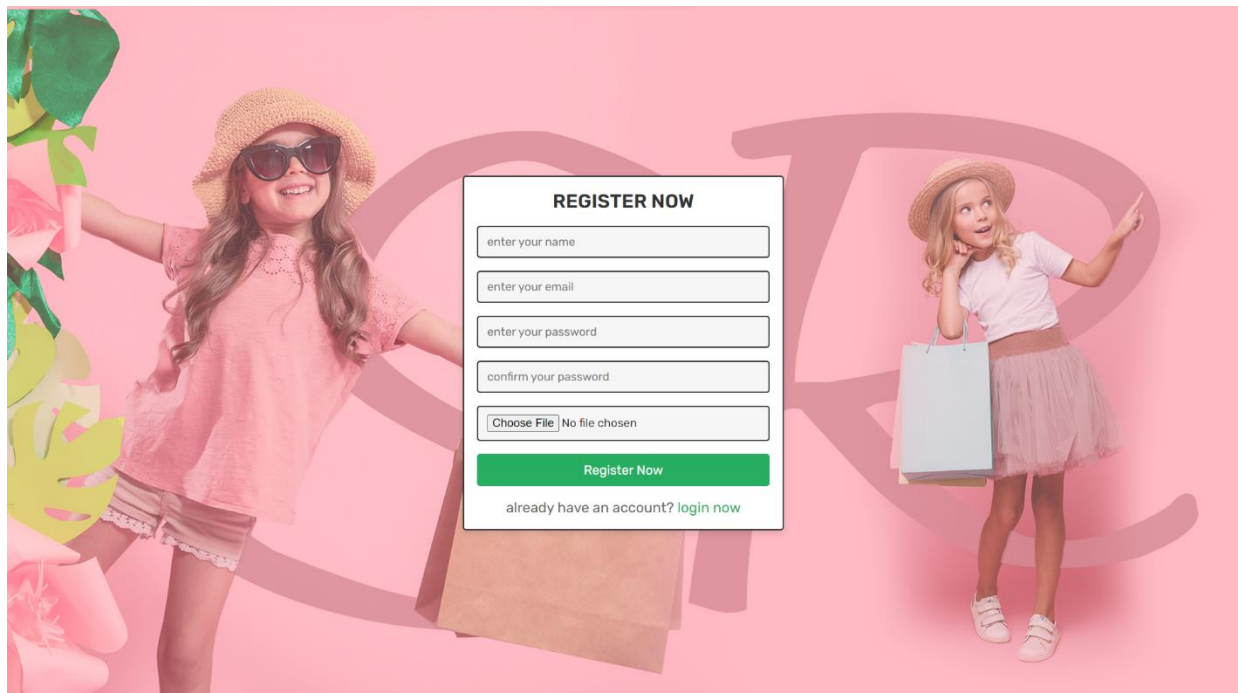
GUI

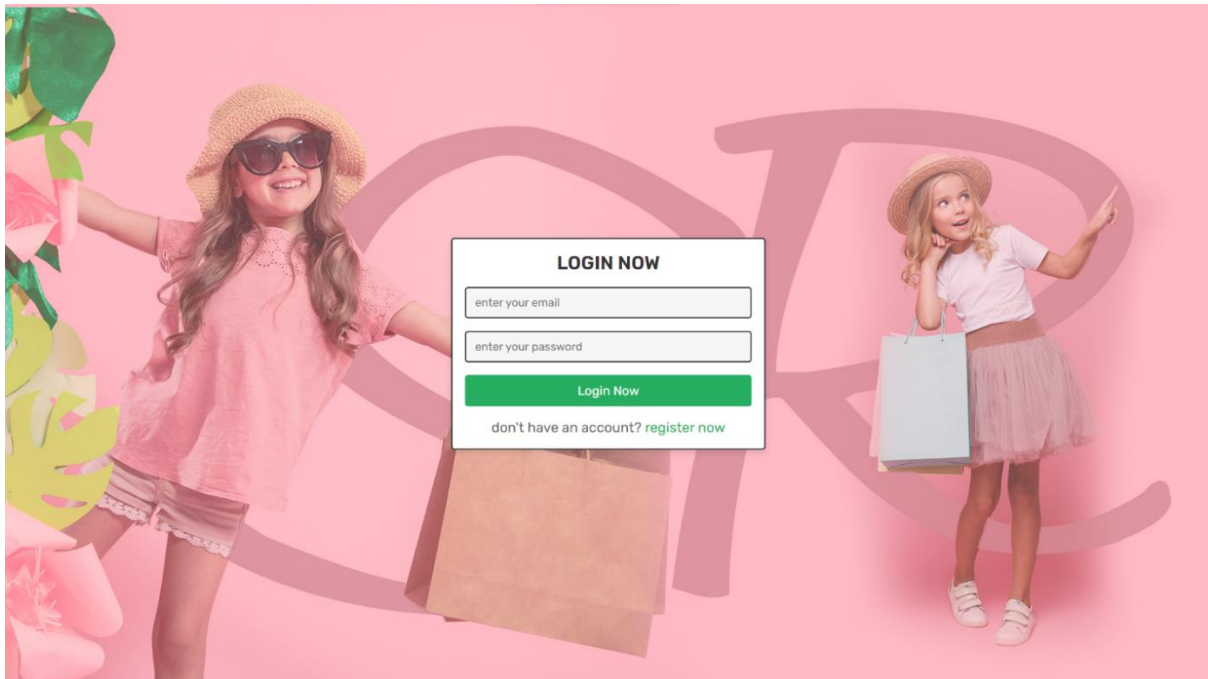
This application has a nice graphical user interface so that the administrator and user may interact with the system and carry out requests to create, update, remove, and see all details.

Overview

Register and login form

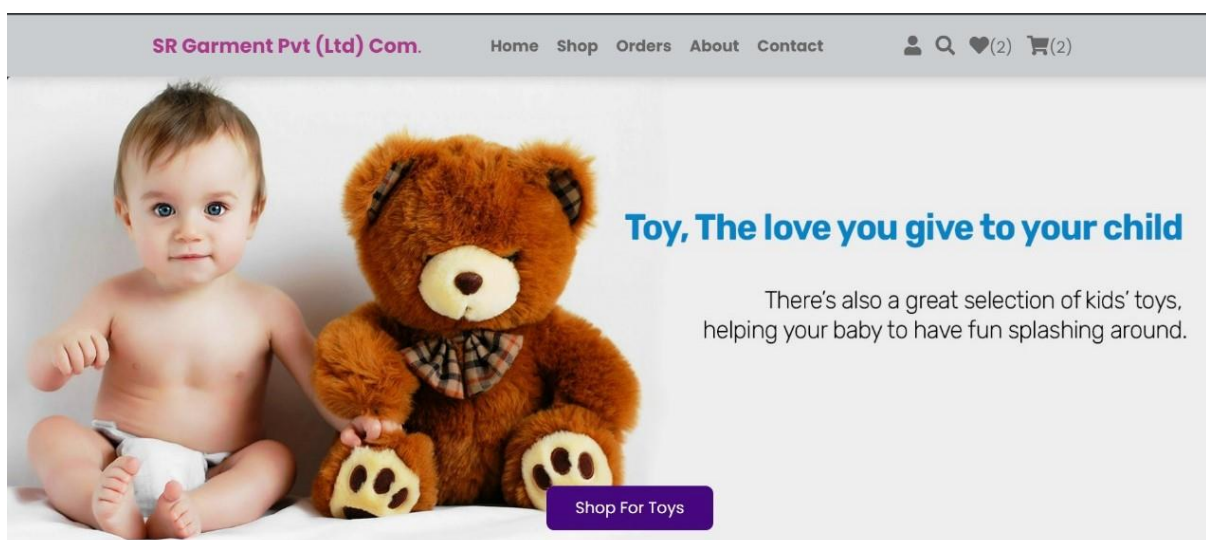
Before login to the application first need to register the form. Then only you can login and both admins and customers can login to the application via providing their valid username (email) and password. In the registration form we put input validation to validate whether the username is null or not and to check the email is a valid one.

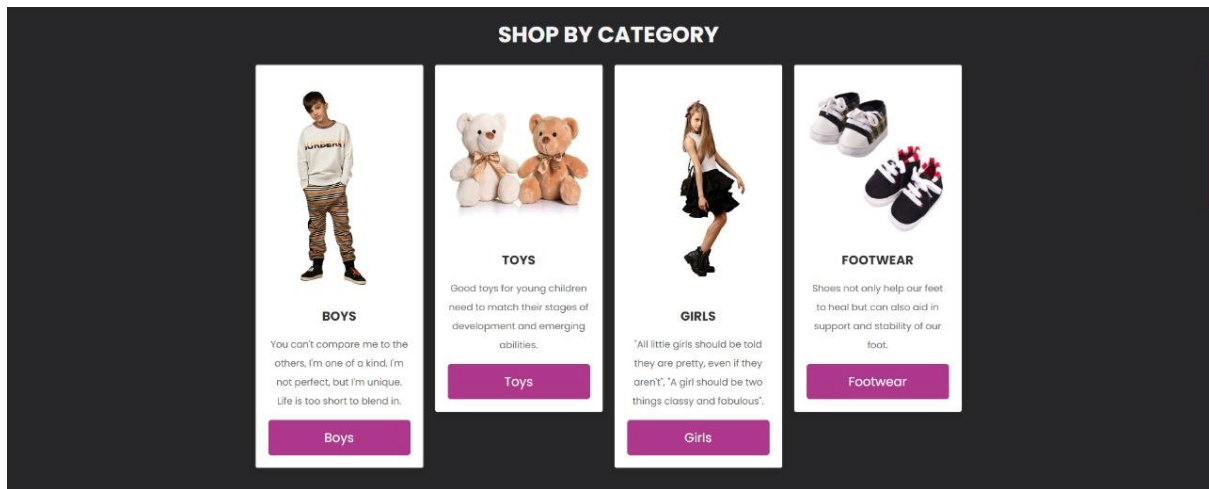




Home page

The customer is first directed to the home page. A horizontal navigation bar with links to the Home, Shop, Orders, About, Contact, user profile, Search, Wishlist and cart is located at the top of the page. Below that there is a category section which allows customers to either filter the products by category or simply select their preferred products directly from latest products which displays sample of products.





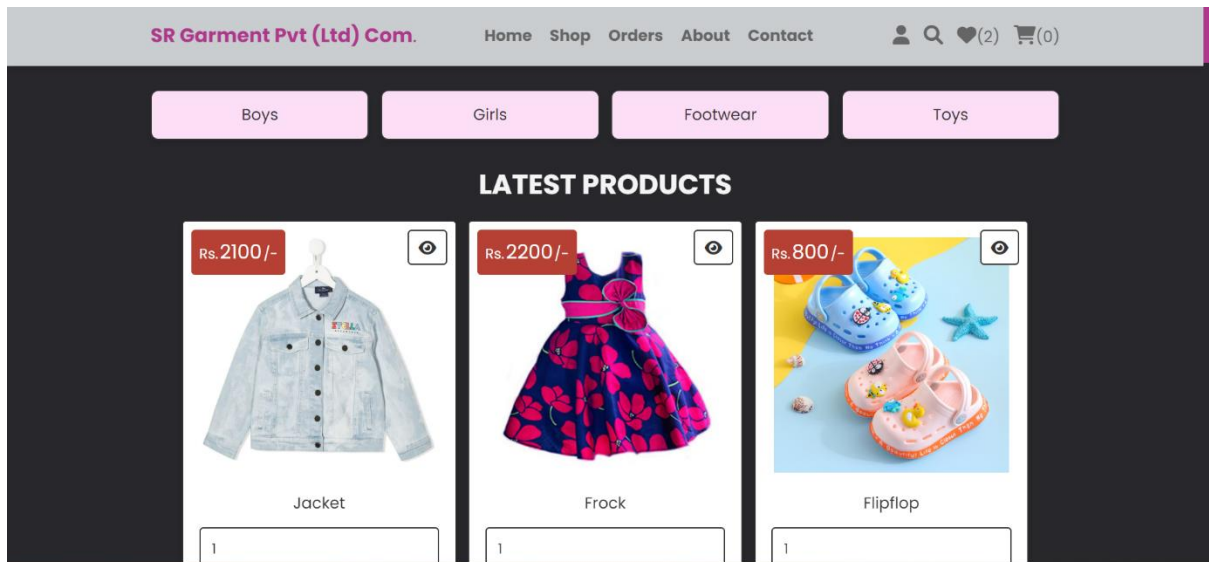
At the bottom of each web page contains the quick links to the menu bar, contact details of the shop.

QUICK LINKS	EXTRA LINKS	CONTACT INFO	FOLLOW US
<ul style="list-style-type: none"> ➤ home ➤ shop ➤ about ➤ contact 	<ul style="list-style-type: none"> ➤ cart ➤ wishlist ➤ login ➤ register 	<ul style="list-style-type: none"> ☎ +94-34 2279989 ☎ +94-0777-424088 ✉ srgarment@gmail.com 📍 No 17/2, Railway Station Road, Arasady, Batticaloa. 	<ul style="list-style-type: none"> 📘 facebook 🐦 twitter 📷 instagram 🌐 linkedin

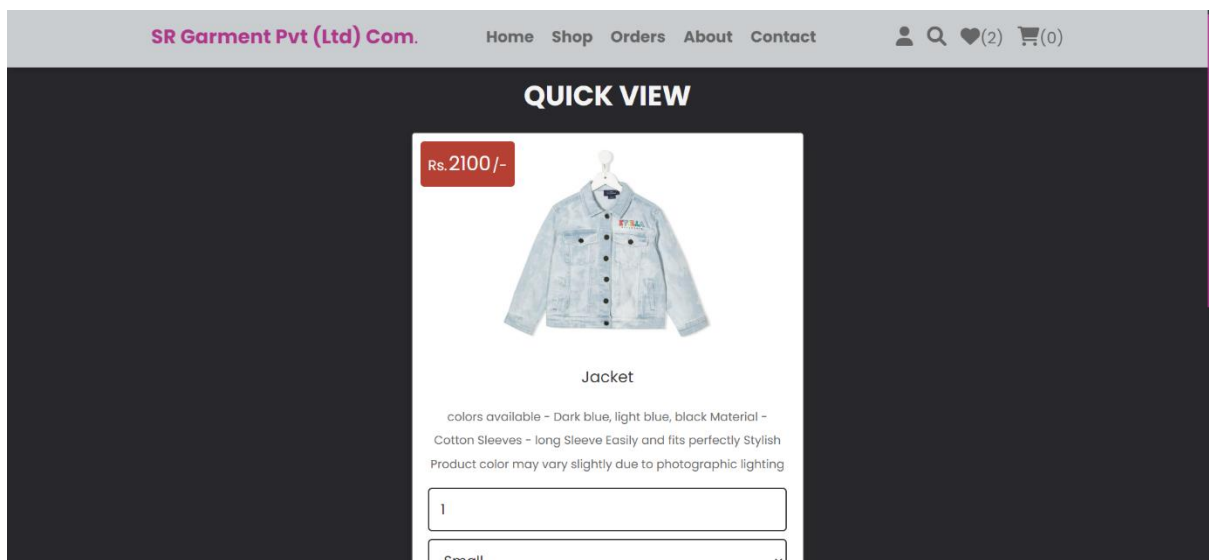
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Shop page

Here, all the products are available with the required categories, sizes, and its prices. Users can select the products which they want and add them to wish list or shopping cart.

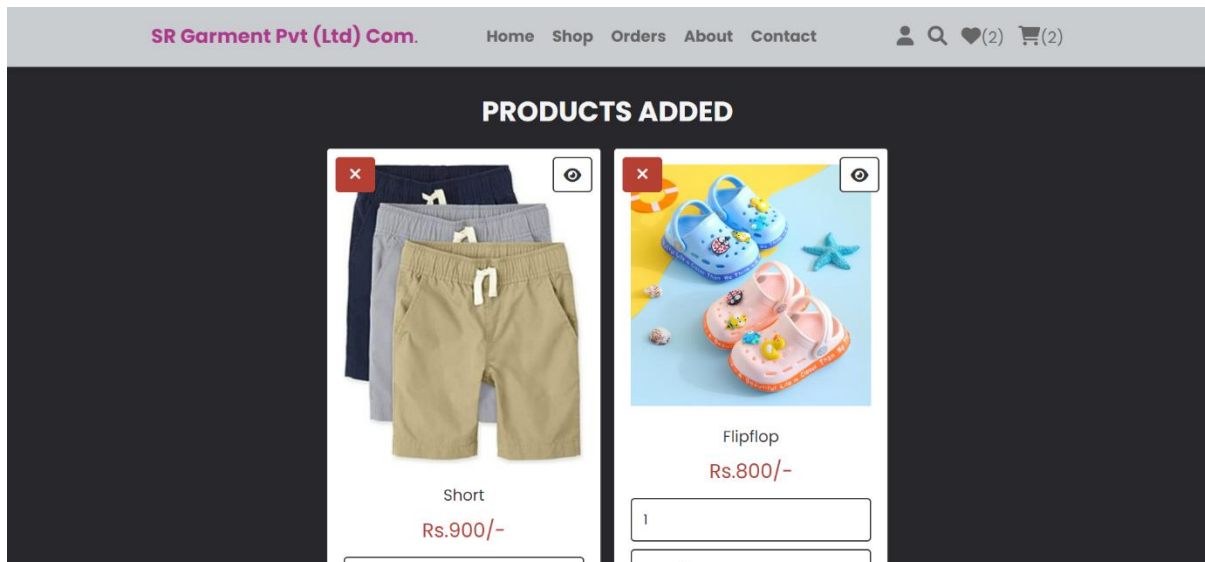
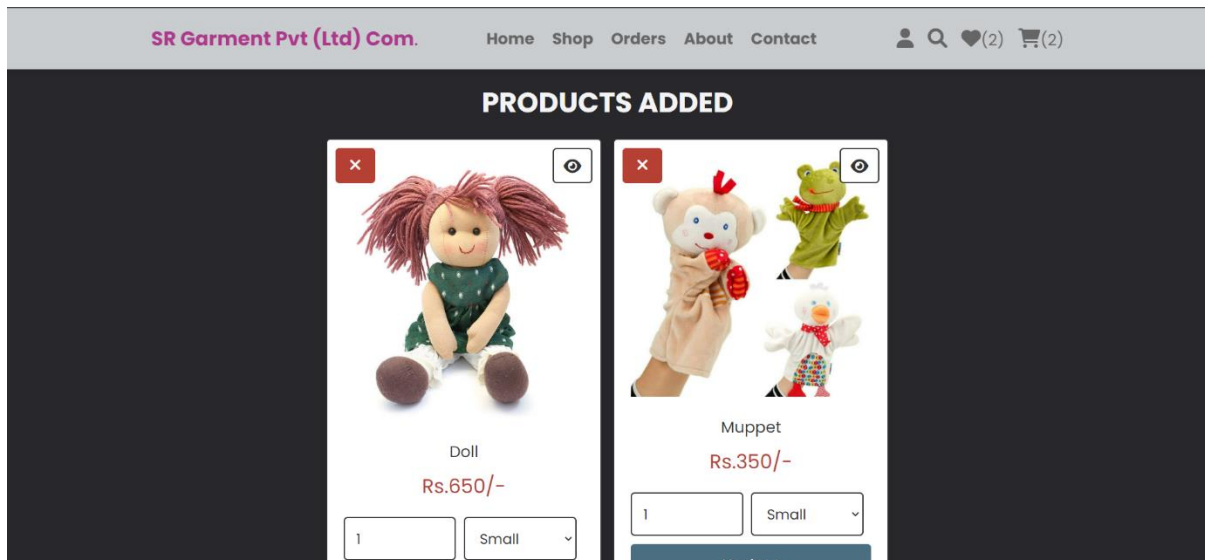


There is a view icon for each item that opens an instant expanded view of each product.



Shopping cart & Wishlist

The products which have been selected by the user are here in these pages and users can update and delete their products, size and required quantity according to their preference.



Place order

After checkout from shopping cart, users can enter to the ordering form, and they can place their orders through providing their delivery details and payments details. Customers can pay their bills as cash on delivery or as an online payment. If they select online payment method, it will direct to online payment portal. If the customer select cash on delivery option, it will display the “successfully completed order” message and will generate the pdf.

SR Garment Pvt (Ltd) Com.
Home Shop Orders About Contact
👤 🔍 ❤️(2) 🛒(2)

Small Doll (Rs650/- x 1)

Small Muppet (Rs350/- x 1)

grand total : Rs.1000/-

PLACE YOUR ORDER

your name :

Raween perera

your number :

0751236548

your email :

raween@gmail.com

payment method :

credit card

address line 01 :

No/55/ B Temple road

address line 02 :

Main road

SR Garment Pvt (Ltd) Com.
Home Shop Orders About Contact
👤 🔍 ❤️(2) 🛒(2)

your name :

Raween perera

your number :

0751236548

your email :

raween@gmail.com

payment method :

credit card

address line 01 :

No/55/ B Temple road

address line 02 :

Main road

city :

Colombo

state :

e.g. Western

country :

Sri Lanka

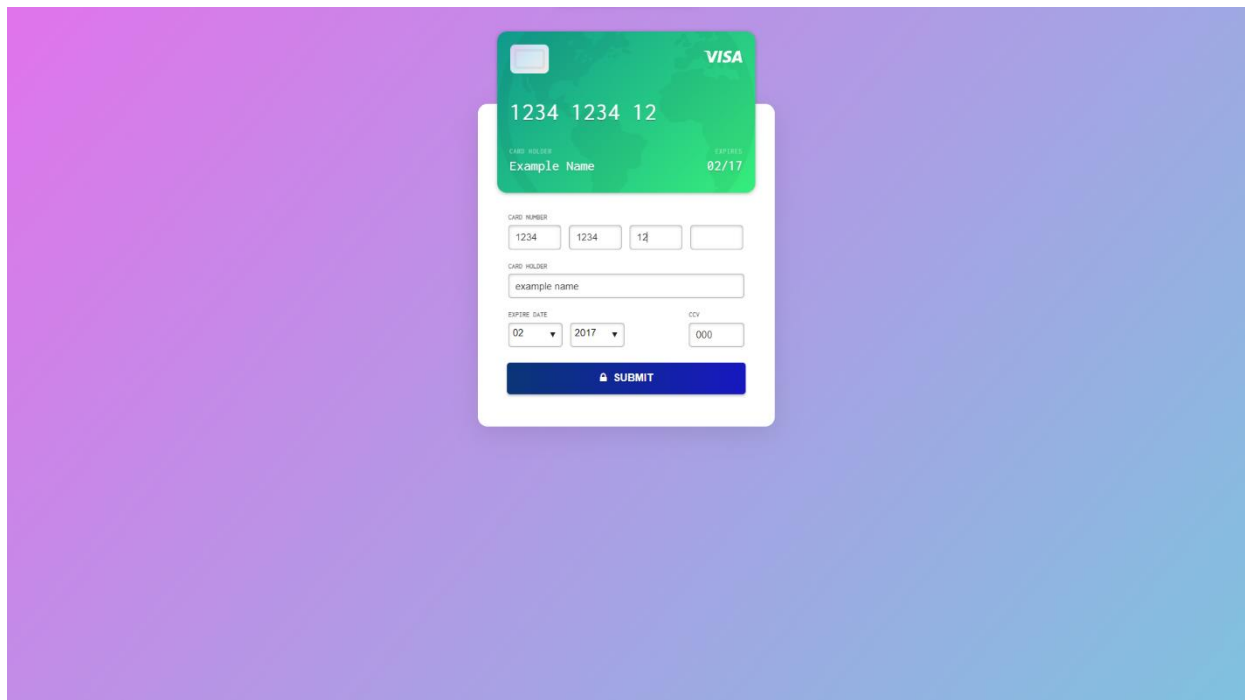
pin code :

15456

Place Order

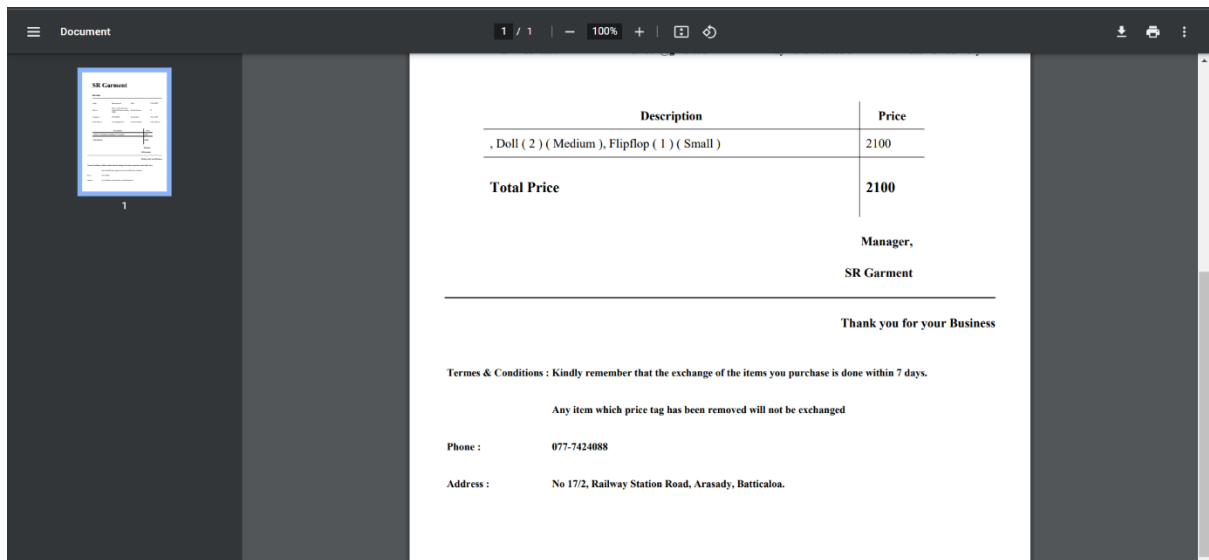
Online payment

Here, the users who are selected the card payment option while placing orders can pay their bills through this method and receive their payment receipt as pdf.



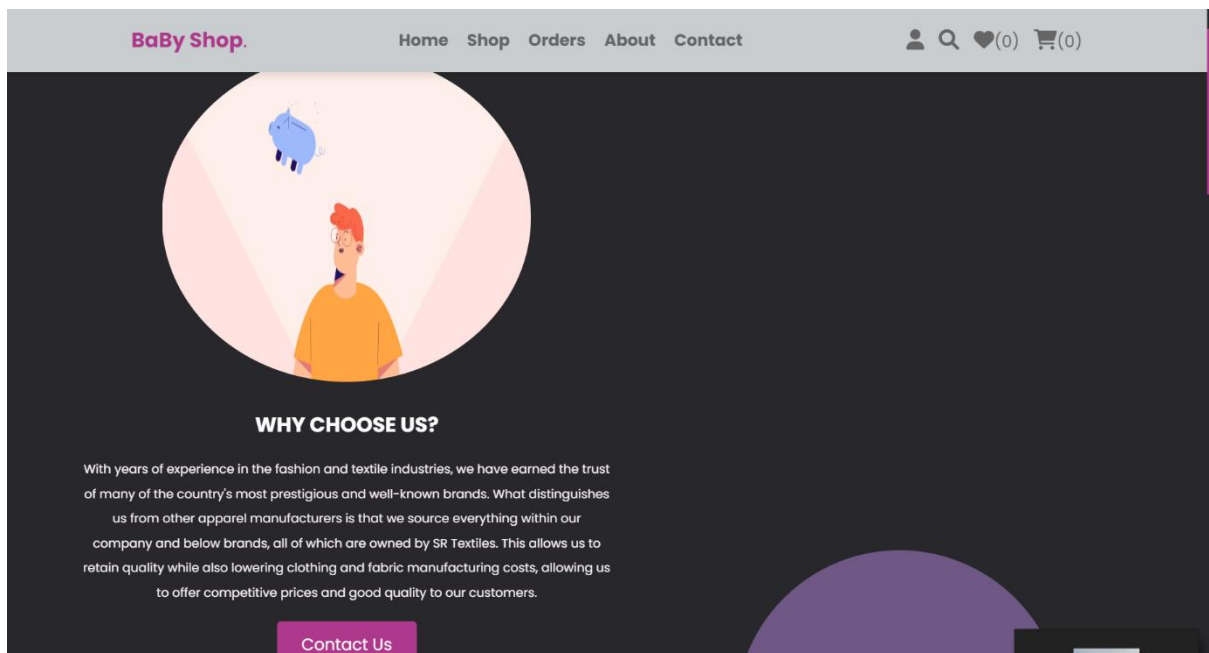
After completing the order, the below pdf will be generated.

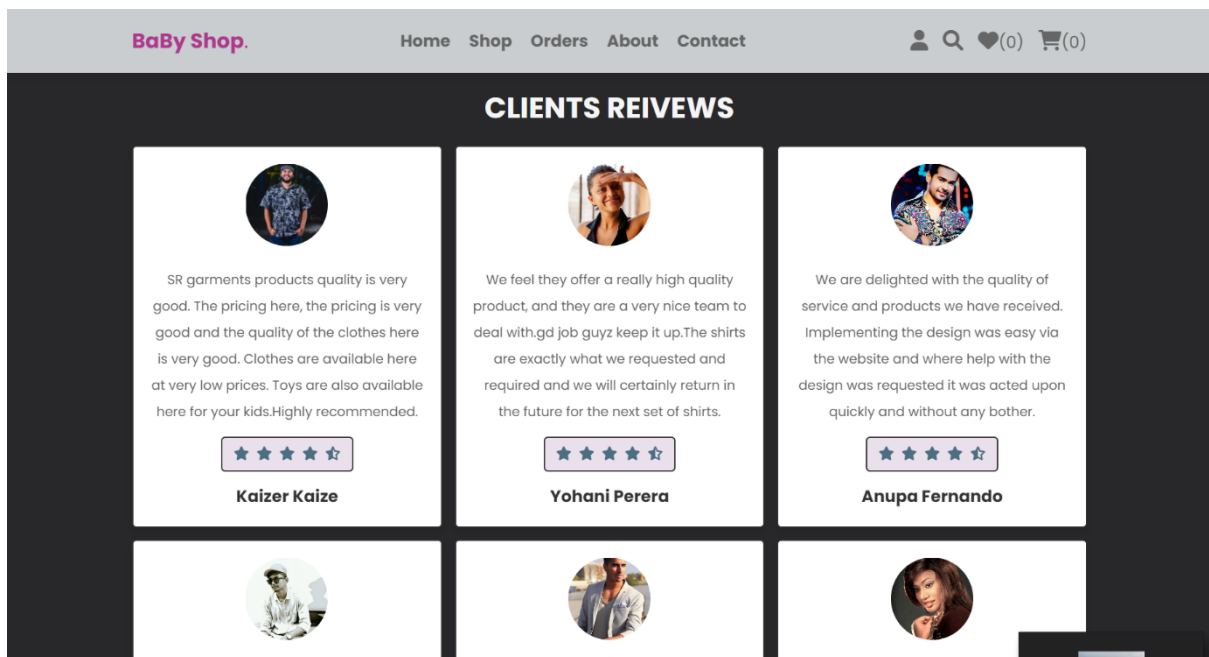
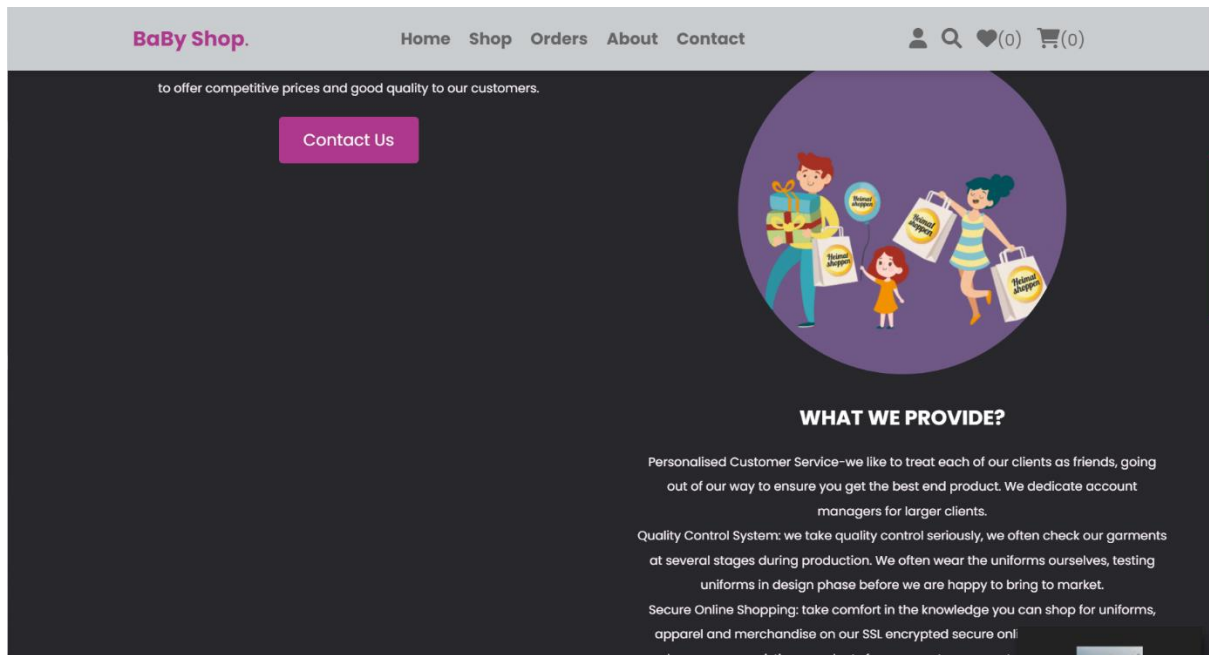




About page

The About page provides a brief overview of SR Garments Pvt Ltd and it also displays some customer reviews.





Contact form

In this section, users can send any messages to the garment by providing their details to get in touch with the company.

The screenshot shows the 'BaBy Shop' website's contact page. The header includes the site name 'BaBy Shop.' and navigation links: Home, Shop, Orders, About, and Contact. On the right, there are icons for user profile, search, heart (0), and shopping cart (0). The main section is titled 'GET IN TOUCH' and contains a white form with four input fields: 'enter your name', 'enter your email', 'enter your number' (with a dropdown arrow), and 'enter your message'. Below these fields is a purple 'Send Message' button. The footer has four categories: QUICK LINKS, EXTRA LINKS, CONTACT INFO, and FOLLOW US.

Search option

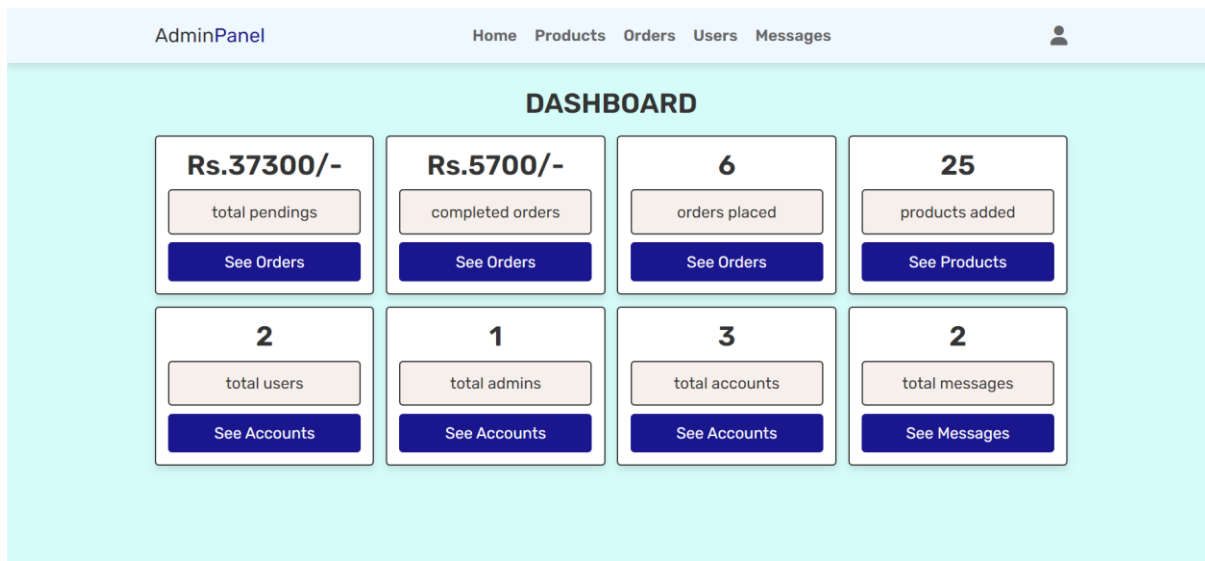
This option allows customers to directly search products by their product names.

The screenshot shows a web browser window displaying the search page of 'SR Garment Pvt (Ltd) Com.'. The browser's address bar shows 'localhost/A/SR/search_page.php'. The website's header features the name 'SR Garment Pvt (Ltd) Com.' and navigation links: Home, Shop, Orders, About, and Contact. On the right, there are icons for user profile, search, heart (2), and shopping cart (2). The main content area has a large white search bar with the placeholder text 'search products...' and a purple 'Search' button. The Windows taskbar at the bottom shows various application icons and the system clock indicating 9:13 PM on 11/17/2022.

Admin Panel

Only admin can enter to this site by providing their valid username and password and they can view and edit all the things according to their needs. The admin

panel consists of the options: total pending's, completed orders, orders placed, products added, total users, total admins, total accounts, and total messages.



Admin-orders

Here, admins can view all the orders which are provided by the customers, and they can check the completed and pending orders when they need. The admins can update the status from Pending to Completed if the order has been successfully completed.

The screenshot shows the AdminPanel 'PLACED ORDERS' page. It displays three order cards, each containing user information, order details, and a status dropdown menu.

User ID	Name	Placed On	Address	Products	Total Price	Payment Method	Status
37	Raween perera	17-Nov-2022	flat no. no/21 temple road Colombo Western sri lanka - 12500	Doll (2) (Medium), Flipflop (1) (Small)	Rs.2100/-	cash on delivery	completed
35	Kaizer kaize	17-Nov-2022	flat no. no/25/b Main road Kalutara Western sri lanka - 789456	Shirt (2) (Small), T-shirt (1) (Small), Soft ball (1) (Medium)	Rs.3600/-	cash on delivery	
37	Raween silva	17-Nov-2022	flat no. no/89/a main road Colombo Western sri lanka - 456123	Teddy (2) (Large), Flipflop (3) (Medium), Frock (1) (Small), DeckShoes (2) (Medium)	Rs.12700/-	cash on delivery	

AdminPanel		Home	Products	Orders	Users	Messages
payment method : cash on delivery <input type="text" value="completed"/> <input type="button" value="Update"/> <input type="button" value="Delete"/>	payment method : cash on delivery <input type="text" value="completed"/> <input type="button" value="Update"/> <input type="button" value="Delete"/>	total price : Rs.12700/- payment method : cash on delivery <input type="text" value="pending"/> <input type="button" value="Update"/> <input type="button" value="Delete"/>				
user id : 37 placed on : 17-Nov-2022 name : Raween perera email : raween@gmail.com number : 0765226220 address : flat no. no/56/b temple road Colombo Western sri lanka - 789456 total products : , Shirt (1) (Small) , Slippers (3) (Medium)	user id : 37 placed on : 17-Nov-2022 name : Raween perera email : raween@gmail.com number : 0751236548 address : flat no. No/55/ B Temple road main road Colombo Western Sri Lanka - 15456 total products : , Jacket (2) (user id : 37 placed on : 17-Nov-2022 name : Raween perera email : raween@gmail.com number : 0751236548 address : flat no. No/55/ B Temple road main road Colombo Western Sri Lanka - 15456 total products : , Erack (1) (

Admin-products


In this section, admins can add their new products with the details to the web page and, they can update, remove/delete existing products from the web page.

AdminPanel		Home	Products	Orders	Users	Messages
<h3>ADD NEW PRODUCT</h3> <div> <input type="text" value="enter product name"/> <input type="text" value="enter product price"/> </div> <div> <input type="text" value="select category"/> <input type="button" value="Choose File"/> No file chosen </div> <div> <input type="text" value="enter product details"/> </div> <div> <input type="button" value="Add Product"/> </div>						
<h3>PRODUCTS ADDED</h3>						

AdminPanel
Home Products Orders Users Messages

PRODUCTS ADDED

Rs.2100/-




Jacket
Boys

colors available - Dark blue, light blue, black Material - Cotton Sleeves - long Sleeve Easily and fits perfectly Stylish Product color may vary slightly due to photographic lighting

Update Delete

Rs.2200/-




Frock
Girls

colors available - Dark blue & Pink, Black & White Material - viscose fabric Superior Quality Material. Fashionable Elegance. The best gift for your kids

Update Delete

Rs.800/-



Flipflop
Footwear

colors available - Black, White, Grey Applicable Gender: Boys /Girls Applicable Place: Outside Superior Quality Material.

Update Delete

Admin-contact

In this contact page, admins can view all the messages and reviews that are sent by the customers.

AdminPanel
Home Products Orders Users Messages

MESSAGES

user id : 35
name : Kaizer Kaize
number : 07778945612
email : kaizer@gmail.com
message : Plz can you sent me my order

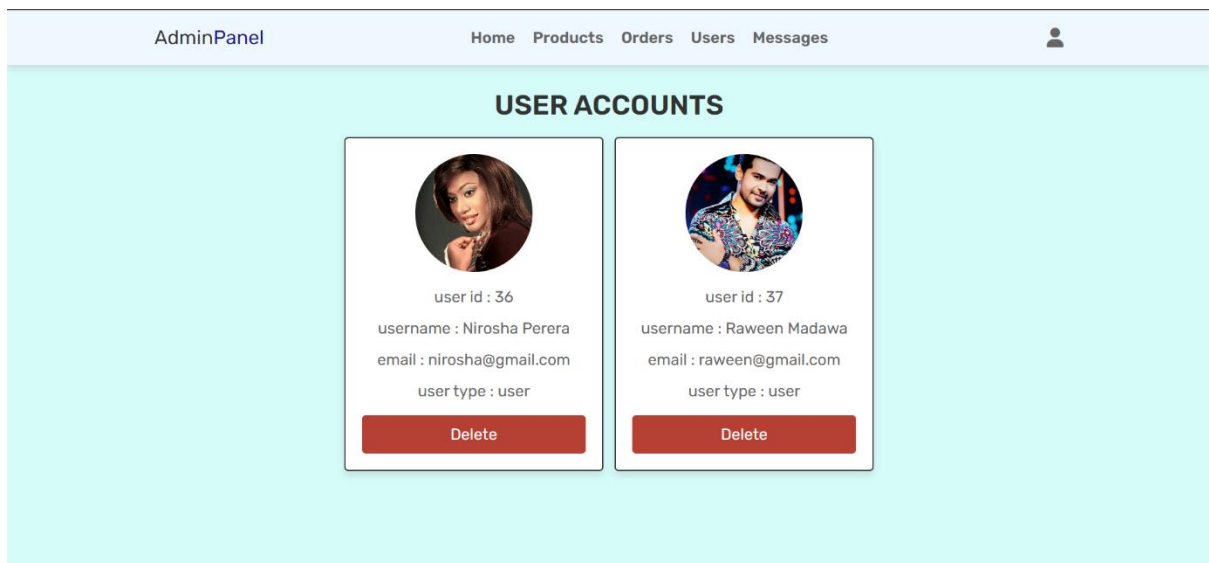
Delete

user id : 37
name : Raween
number : 075456975
email : raween@gmail.com
message : hello

Delete

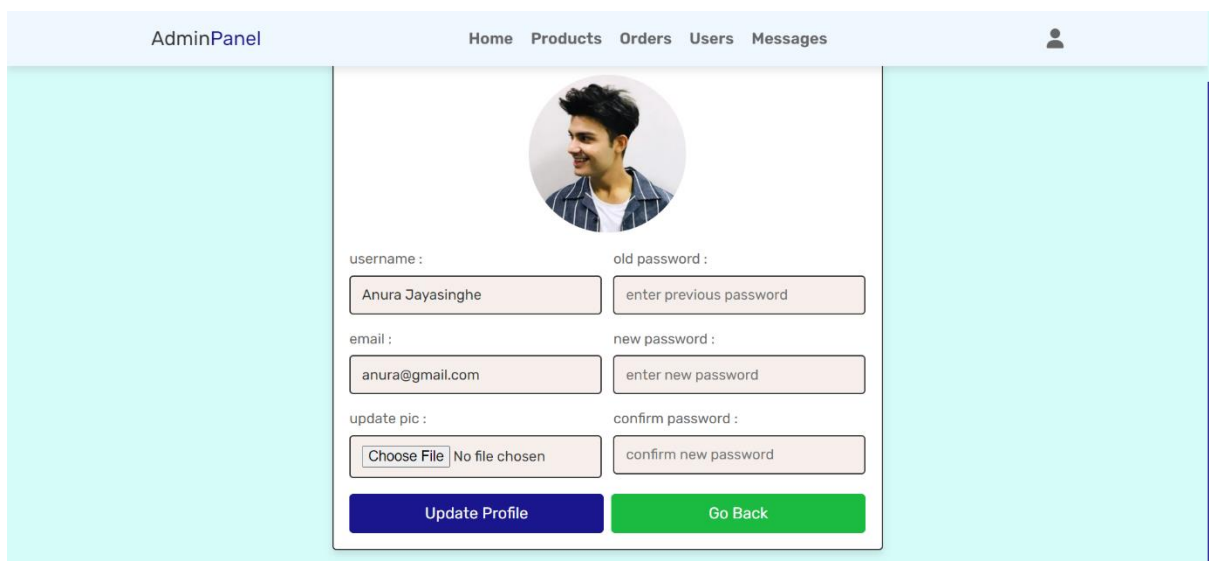
Admin-users

Here, admins can check all the users accounts and details.



User profile

Here, admins can change their username, password and can add new profile picture.



Conclusion

The application was designed in such a way that future modifications can be done easily. The following conclusion can be deduced from the development of the project.

- Automation of the entire system improves efficiency.
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating information becomes so easier.
- System security, data security, and reliability are striking features.
- The System has adequate scope for modification in the future if it is necessary.
