

**SEWCIAL**  
**THE ULTIMATE TAILORING SHOP**  
**A PROJECT REPORT SUBMITTED IN PARTIAL**  
**FULFILMENT OF REQUIREMENT**  
**FOR THE AWARD OF THE DEGREE**  
**MASTER OF COMPUTER APPLICATION (MCA)**

**OF**

**MAHATMA GANDHI UNIVERSITY, KOTTAYAM**

**BY**

**Vishnu Satheesan**

**Reg No : 22PMC159**



**MARIAN COLLEGE**  
**KUTTIKKANAM**

**(AUTONOMOUS)**

**MAKING COMPLETE**

**Marian College Kuttikkanam Autonomous**

**Peermade, Kerala – 685 531**

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**Under the guidance of**

**Sr.Italia Joseph Maria**

**Assistant Professor**

PG Department of Computer Applications  
Marian College Kuttikkanam Autonomous



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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**Marian College Kuttikkanam Autonomous**

**MAHATMA GANDHI UNIVERSITY, KOTTAYAM**

**KUTTIKKANAM – 685 531, KERALA.**

## **CERTIFICATE**

This is to certify that the project work entitled

**SEWCIAL**

is a bonafide record of work done by

**Vishnu Satheesan**

**Reg No : 22PMC159**

In partial fulfillment of the requirements for the award of Degree of

**MASTER OF COMPUTER APPLICATIONS [MCA]**

During the academic year 2022-2023

**Sr. Italia Joseph Maria**

Assistant Professor

PG Department of Computer Applications

Marian College Kuttikkanam Autonomous

**Mr Win Mathew John**

Head of the Department

PG Department of Computer Applications

Marian College Kuttikkanam Autonomous

Examiner

Examiner

## ACKNOWLEDGEMENT

I have taken efforts in this project. However, it would not have been possible without the kind support and help of many individuals. I would like to extend my sincere thanks to all of them.

I express my sincere gratitude to **Dr.Ajimon George**, Principal, Marian College Kuttikkanam (Autonomous) **Dr. Mendus Jacob**, Director, PG Department of Computer Applications for the support given throughout the project work. I extend my gratitude to **Mr. Win Mathew John**, HOD, PG Department of Computer Applications, who is a constant source of inspiration and whose advice helped me to complete this project work successfully.

I express my deep sense of gratitude to my project guide, **Sr. Italia Joseph Maria**, Associate Professor/Assistant Professor, PG Department of Computer Applications, for her profound guidance for the successful completion of this project work.

With great enthusiasm, I express my gratitude to all the faculty members of the PG Department of Computer Applications for their timely help and support.

Finally, I express my deep appreciation to all my friends and family members for the moral support and encouragement they have given to complete this project work successfully.

**VISHNU SATHEESAN**

## **ABSTRACT**

The aim of this project is to develop an online tailoring shop that provides a convenient and efficient platform for customers to order custom-made clothing items. The online tailoring shop will leverage the power of the internet and technology to streamline the traditional tailoring process, making it easier for customers to design and purchase personalized garments. The online tailoring shop will offer a user-friendly interface where customers can browse through a wide range of clothing options, including shirts, trousers, dresses, suits, and more. Overall, the online tailoring shop aims to revolutionize the way customers shop for custom-made clothing by providing a seamless online experience, personalized customization options, and exceptional craftsmanship. It strives to offer convenience, quality, and customer satisfaction, making it the go-to destination for those seeking tailor-made garments.

## **OBJECTIVE AND SCOPE**

### Objective:

The objective of the SEWCIAL is to develop a user-friendly software application that making it easier for customers to design and purchase personalized garments, promoting customers to order custom-made clothing items.

### Scope:

The project involves developing online tailoring shop that provides a convenient and efficient platform for customers to order custom-made clothing items.

The online tailoring shop will leverage the power of the internet and technology to streamline the traditional tailoring process, making it easier for customers to design and purchase personalized garments.

Privacy and data security measures will be implemented.

## **PROBLEM STATEMENT**

The tailoring system faces several challenges, including inefficiencies, lack of convenience, and difficulty in finding available tailoring centers to get in correct time. These problems lead to frustrated users, wasted time, and to go to shops to take the size of clothing. Therefore, the objective is to develop a online custom made tailoring shop system to address these issues and provide a seamless clothing experience for users.

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# **1. INTRODUCTION**

## **1.1 PROBLEM STATEMENTS**

Traditional way of purchasing clothes is very time consuming, where customers need to visit shops manually, and it also cost travelling cost. This system of shopping online only requires an internet connection, a smart phone and users can purchase clothes anywhere at any time in the world. It is not dependent on what time it is

## **1.2 PROPOSED SYSTEM**

In the proposed online tailoring system, customer need not go to the shop for buying the products. He can order the product he wish to buy through the application in his Smartphone. The shop owner will be admin of the system. Shop owner can add and update the products and category if items. The system also recommends a home delivery system for the purchased product

## **1.3 FEATURES OF THE PROPOSED SYSTEM**

The features of this website are:

- Responsive website design.
- User-Friendly navigation.
- Online Purchase Portal.
- Custom made selecting.
- Administrative Dashboard.

## **2.FUNCTIONAL REQUIREMENTS**

## FUNCTIONAL REQUIREMENTS

1. **User Registration:** Users should be able to register and create an account in the system.
2. **User Login:** Registered users should be able to log in to their accounts using their credentials.
3. **User Feedback:** User can give suggestions to the site owner about the items.
4. **Update Account Information:** The update account information function shall give access to members for edit their stored information.
5. **Account Logout:** The account logout function shall allow account members to exit from their account for security purpose.
6. **Admin Login:** Admin can login into the system for manage products.
7. **Admin Dashboard:** Here the admin can view user details and feedback from the users.
8. **Password Rest:** User can reset their own password.
9. **Purchase:** User can purchase clothing from sewcial.

## **3. NON FUNCTIONAL REQUIREMENTS**

## NON-FUNCTIONAL REQUIREMENTS

The non-functional requirements for this website are:

- Usability: The proposed website is simple, provides enough insight about features and packages, interactive, lets user select packages and schedule pick-ups and all this data is stored in the database.
- Reliability: The system must perform without failure in 95 percent of use cases during a month.
- Maintainability: The mean time to restore the system (MTTRS) following a system failure must not be greater than 10 minutes. MTTRS includes all corrective maintenance time and delay time.
- Availability: Describes how likely the system is accessible to a user at a given point in time. A user-friendly system with global accessibility should be available around-the clock. In the event that the database is corrupted or the hardware fails, a replacement page will appear. Additionally, a database backup should be kept in case of hardware failure or database corruption.
- Security: Database should be backed up every hour. Under failure, system should be able to come back at normal operation under an hour. All data must be stored, protected, or protectively marked.

## **4. THIRD-PARTY LIBRARIES**

## THIRD-PARTY LIBRARIES

Third-party applications and libraries in Django are pre-built components or packages developed by the community or other companies that you can use to extend the functionality of your Django projects. These libraries provide pre-built solutions for common tasks, saving developers time and effort in implementing certain features from scratch. They are designed to seamlessly integrate with Django and follow its best practices.

Third-party libraries can be installed using package managers like pip, and they usually come with their own documentation and examples to guide developers in their usage. These libraries can cover a wide range of functionalities

The third-party libraries used in this project are:

- **Django jazzmin:** Django Jazzmin is a third-party library for Django that provides an improved admin interface. It is a modern, responsive, and customizable replacement for Django's default admin interface, a drop-in app to jazz up your Django admin site, with plenty of things you can easily customize, including a built-in UI customizer.



# **5. FEATURES AND HIGHLIGHTS**

## **FEATURES AND HIGHLIGHTS**

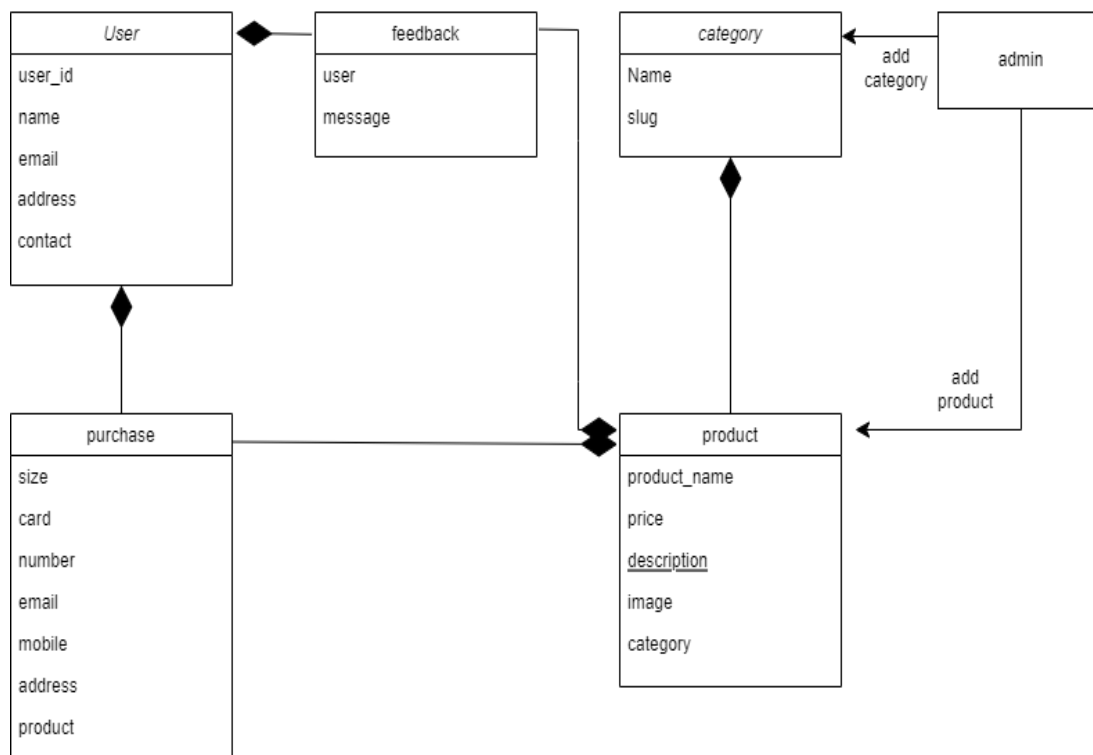
- 1.Users can register and login into the system.
- 2.Users can view all clothing.
- 3.Users can give feedback.
- 4.Users can purchase items.
- 5.User can update profile.
- 6.User can change password.
- 7.User can see clothing by pre-built filter.
- 8.Admin can manage products.
- 9.Admin can manage clothing.
- 9.Admin can view user details and feedback from user.
10. Admin can view purchase details.

## TECHNICAL ASPECTS

- **Presentation Layer:**
  - **User Interface (UI):** This layer includes the components that interact with users, such as web pages or mobile app screens.
  - **Django Templates:** Django's built-in template engine allows you to define HTML templates that render dynamic content and interact with the back-end.
- **Application Layer:**
  - **Django:** Django serves as the back-end framework, handling HTTP requests, routing, and managing the application's business logic.
  - **Django Views:** Views receive requests from the user interface, process data, and generate appropriate responses. They interact with models, services, and external APIs as needed.
  - **Django Forms:** Forms handle user input validation and data submission, allowing users to input and update travel-related information.

# **6.DATABASE CLASS DIAGRAM**

## CLASS DIAGRAM



## **7. CHALLENGES FACED DURING THE DEVELOPMENT**

- **User Authentication and Authorization:** Implementing a secure and reliable user authentication and authorization system can be challenging. You need to ensure that only authenticated and authorized users can access and perform actions within the system.
- **Database Design and Management:** Designing an efficient and scalable database structure for storing clothing-related information can be complex. Plan the database schema carefully, considering factors such as user data, clothing lot information, time, and availability. Use appropriate indexing and caching techniques to optimize database performance.
- **Filtering Conflict Resolution:** Managing conflicts when user want to items from a specified category simultaneously can be tricky. Implement a mechanism to handle conflicts and ensure that user can select this using like a pre-built filtering mechanism. Techniques like optimistic locking or using timestamps can help in resolving conflicts.
- **Payment Integration:** Integrating payment gateways or implementing a secure and reliable payment system can be challenging. Ensuring secure transactions, handling different payment methods, and managing refunds and cancellations require careful implementation and adherence to security standards.
- **User Experience and User Interface:** Designing an intuitive and user-friendly interface for making reservations can be a challenge. Conduct user research, gather feedback, and iterate on the user interface to provide a smooth and hassle-free experience for users. Focus on usability, responsiveness, and accessibility considerations.

## **8. FUTURE ENHANCEMENTS**



## **FUTURE ENHANCEMENTS**

- **Mobile Application:** Develop a mobile application for the online tailoring shopping system to allow users to easily purchase their custom made clothing, receive notifications, and manage their purchase on their mobile devices.
- **Real-Time Availability:** Implement real-time availability updates to provide users with up-to-date information on tailors availability.
- **Advanced Booking Options:** Add advanced booking options such as hourly, daily, weekly, or monthly bookings to accommodate different user needs and preferences.
- **Loyalty and Rewards Program:** Implement a loyalty program to reward frequent users with points, discounts, or exclusive benefits. This can encourage customer retention and increase user engagement.
- **Pre-Booking and Pre-Payment:** Allow users to pre-book and pre-pay for clothing in advance, reducing waiting times.

## **9. CONCLUSION**

## CONCLUSION

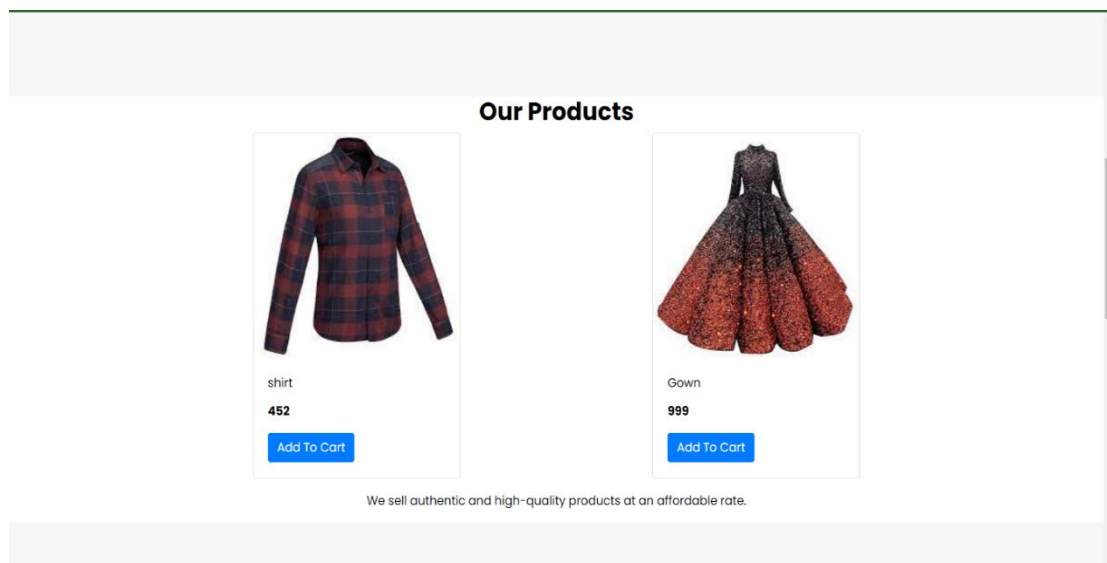
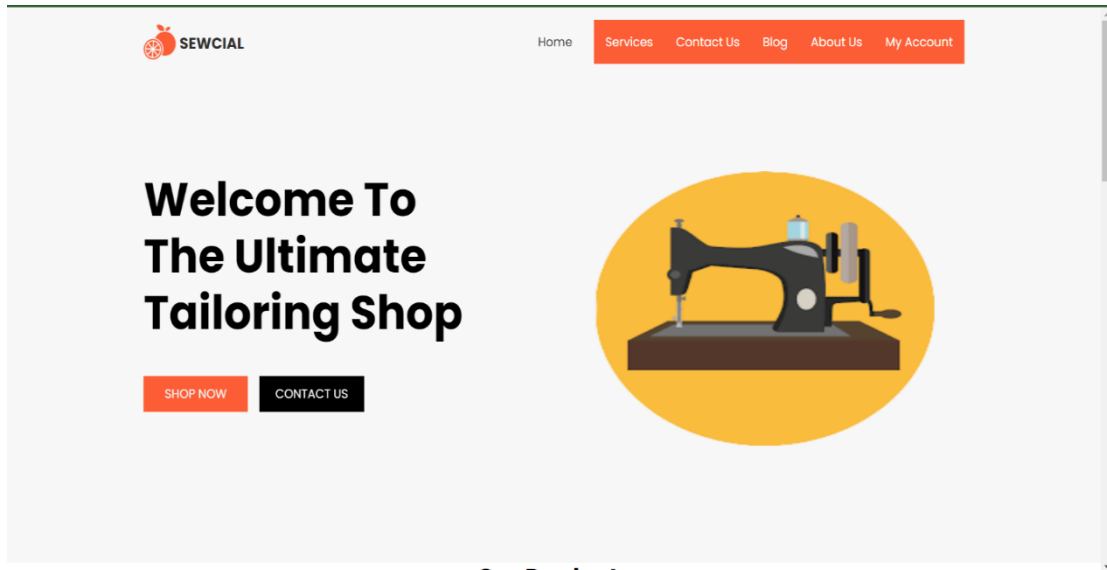
Due to continuous growth of Internet, Web Applications are the most necessary items today. So many functionalities are available in web today. In the row, comes the Fashion shopping. This Web application is designed to sell second hand Fashion materials online in the Internet. The admin module provides rights to customer the data all the other tasks related to the business where as the user part provides the easier user interface to the novice user itself. All the accounts related to the sales is automated so that there is no necessary for manual processing. Hence the Ready Set Shopping goal of producing a Web Fashion Shopping market in the web.

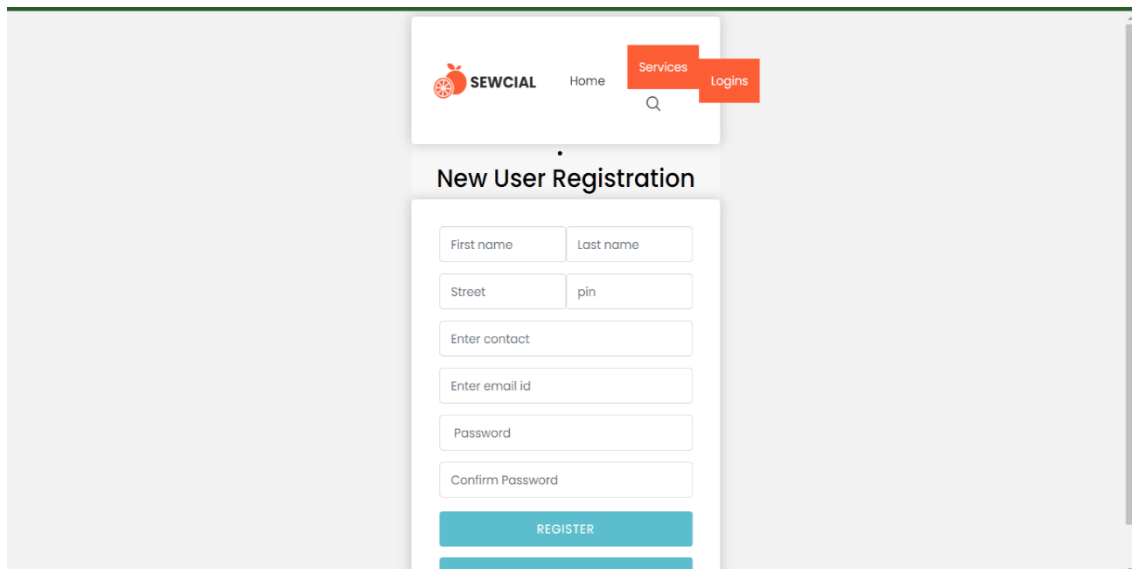
## **10. REFERENCES**

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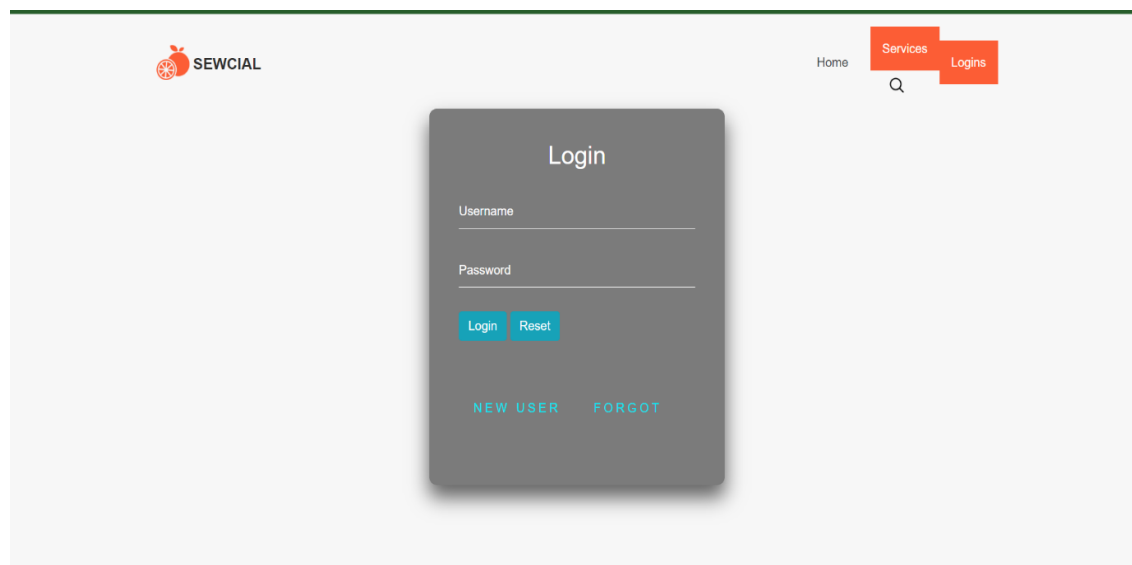
- <https://www.epitomestitches.com/>

# **11. SCREENSHOTS**



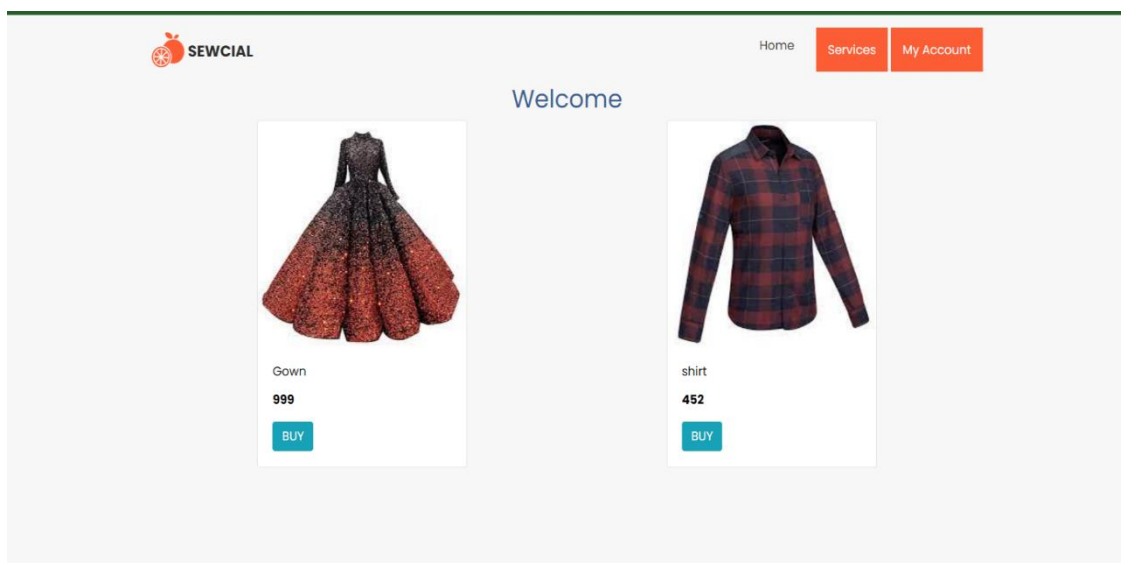
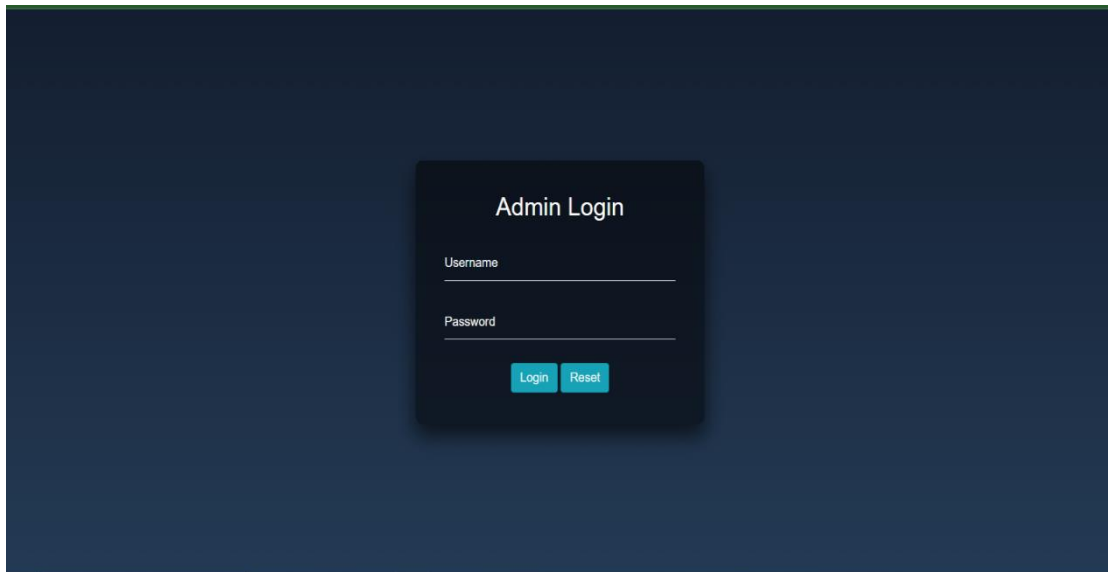


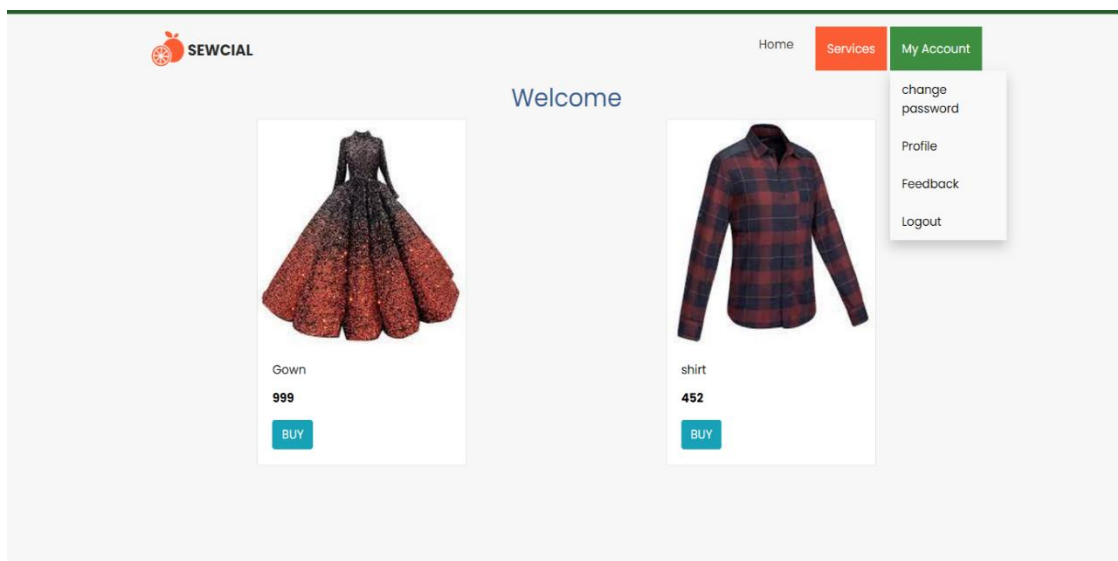
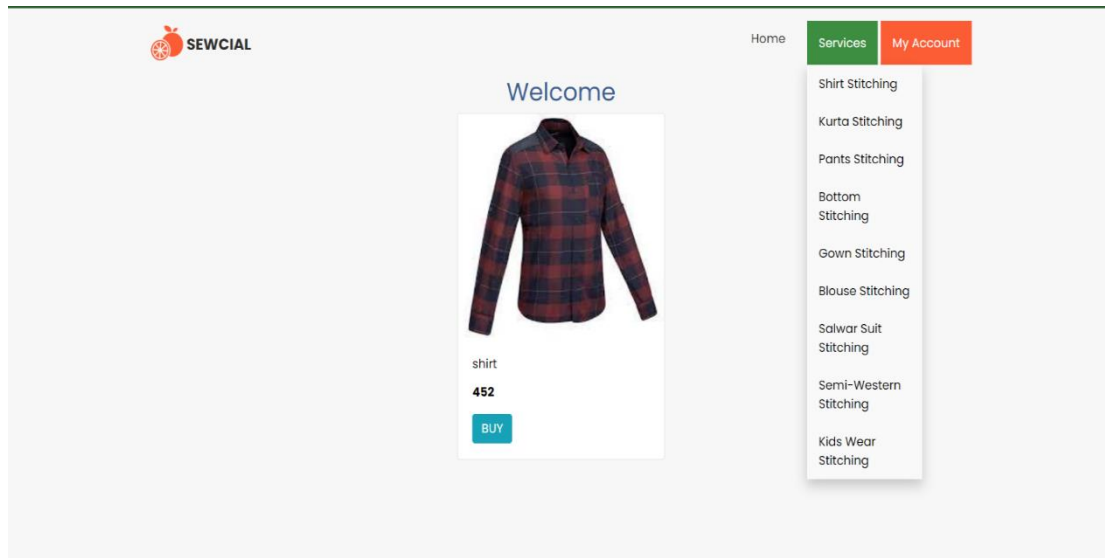
The image shows a web browser window displaying the 'New User Registration' form for the SEWCIAL website. The header includes the SEWCIAL logo, a 'Home' link, a search icon, and 'Services' and 'Logins' buttons. The registration form is centered and contains the following fields: 'First name' and 'Last name' (split), 'Street' and 'pin' (split), 'Enter contact', 'Enter email id', 'Password', and 'Confirm Password'. At the bottom of the form are two buttons: 'REGISTER' and 'RESET'.




The image shows a web browser window displaying the 'Login' form for the SEWCIAL website. The header includes the SEWCIAL logo, a 'Home' link, a search icon, and 'Services' and 'Logins' buttons. The login form is centered and contains the following fields: 'Username' and 'Password'. Below these fields are two buttons: 'Login' and 'Reset'. At the bottom of the form are two links: 'NEW USER' and 'FORGOT'.








[Home](#)
[Services](#)
[My Account](#)

## User Change Password


Old

Old Password

New Password

New Password

Update Reset


[Home](#)
[Services](#)
[My Account](#)

## User Details

Name

Vishnu

Satheesan

Address

Pizhaku

659823

Contact

2525654585

Update Reset

### Feedback Form

Name:

Message:

## PLACE YOUR ORDER

Size

Email



Mobile





Shipping Address


Card Name

Card Number

CVV

SEWCIAL						
HOME PRODUCTS PRODUCT ADD PURCHASE USER DETAILS FEEDBACK Logout						
Product id	Product Name	Description	Quantity	Price	Image	
22	shirt	vghb		452		<a href="#">Update</a> <a href="#">Delete</a>
23	Gown	b n		999		<a href="#">Update</a> <a href="#">Delete</a>

SEWCIAL						
HOME PRODUCTS PRODUCT ADD PURCHASE USER DETAILS FEEDBACK Logout						
Item	Name	Email	Size	Mobile	Shipping Address	
	Vishnu	vishnu.22pmc159@mariancollege.org	S	789456123	asdfghjkl	
	Nithin	nithinjkurian28@gmail.com	M	8362279922	Manarcad	
	Nithin	nithinjkurian28@gmail.com	M	8362279922	Manarcad	
	Unknown	vishnuks2612@gmail.com	S	7356762612	Pizhaku	

 SEWCIAL

HOMEPRODUCTSPRODUCT ADDPURCHASEUSER DETAILSFEEDBACKLogout

### Product Add

Product Name

title

descrip

price

Choose File No file chosen

Open this select menu

Shirt Stitching

Kurta Stitching

Pants Stitching

Bottom Stitching

Gown Stitching

Blouse Stitching


Salwar Suit Stitching

Semi-Western Stitching

Kids Wear Stitching

Open this select menu


AddReset

 SEWCIAL

HOMEPRODUCTSPRODUCT ADDPURCHASEUSER DETAILSFEEDBACKLogout


### Details List


ID	Name	Address	Email	Contact
24	Vishnu Satheesan	Pizhaku 659823	vishnuks2612@gmail.com	2525654585
25	vish nu	aaa 878954	vblog@gmail.com	8521479632
26	dev nand	Konni 676767	dev@gmail.com	3456789876
27	ananthu s	pds 678765	ananthu@gmail.com	5456789876
28	paul barber	washingtondc 456456	vishnuks2612@gmail	0

 SEWCIAL		HOME	PRODUCTS	PRODUCT ADD	PURCHASE	USER DETAILS	FEEDBACK	Logout
Name		Message						
Nithin JK		Nice Website						
Unknown		kollam						



Welcome





Log in

