Online Bakery

Introduction to the Project: Bakery Management System

The Bakery Management System is a web-based application designed to facilitate the management of a bakery's products, orders, and user interactions. The project includes two dashboards - one for administrators and another for users. The user dashboard enables customers to browse the bakery's offerings, place orders, view their order history, and manage their accounts, while the admin dashboard allows bakery staff to handle product management and order processing efficiently.

Technologies Used:

User Dashboard:

Home: The user dashboard welcomes customers with an appealing display of featured bakery products. Users can explore the latest offerings and promotions on the home page.

Menu & Pricing: Customers can access an extensive menu of bakery items categorized for easy navigation. Each product is listed with its description and price.

Cart: The cart page allows users to add products to their cart, view their selected items, and manage the quantities before proceeding to checkout.

My Orders: Users can view their order history on this page, including the details of past purchases

Login/Logout: The user login functionality enables secure access to personalized features, while the logout function allows users to log out of their accounts securely.

Admin Dashboard:

Home: The admin dashboard provides an overview of the bakery's performance, including total orders, sales.

Add Products: Admins can add new bakery products to the database, including details such as name, description, price, image, and category.

Products Menu: Admins have access to a menu displaying all bakery products. They can manage products by editing their information or deleting them from the database.

Orders: The admin dashboard contains an order management section, displaying all customer orders. Admins can view order details, update order statuses, and handle order processing.

Getting Started:

Accessing the web application

To access the GWC Bakery System web application, follow these steps:

1. Open your web browser and enter the following URL: http://127.0.0.1:5000/
2. The GWC Bakery Management System homepage will be displayed, allowing you to interact with various features based on your role (admin or user).

Registration Process for New Users

If you are a new user and wish to register for an account, please follow the steps below:

Click on the "Register" link located in the top navigation menu on the homepage.

You will be redirected to the registration page, where you need to provide the following details:

1. Username: Choose a unique username for your account.
2. Email: Enter your valid email address. This will be used for account-related communication.
3. Password: Create a strong password to secure your account.
4. Address: Enter your address details for delivery purposes.
5. Phone: Provide your contact number for order-related updates.
6. Optionally, you can upload a profile picture. Click on the "Browse" button to select an image from your local storage.
7. After filling in the required information, click on the "Register" button to submit your registration.
8. If all the information is valid, you will receive a confirmation message indicating a successful registration.
9. You can now log in to your account using the registered email and password.

Login Process

1. Follow these steps to log in to your Bakery Management System account:
2. Click on the "Login" link located in the top navigation menu on the homepage.
3. You will be redirected to the login page.
4. Enter your registered email and password in the respective fields.
5. Click on the "Login" button to proceed.
6. If the provided credentials are correct, you will be logged in to your account, and the system will redirect you to your dashboard (admin or user).

User Interface Overview

Welcome to GWC Bakery! Below is an overview of the main pages and sections of our user-friendly web application. We have included screenshots and brief descriptions to guide you through the interface.

1. Home Page:

The Home Page serves as the entry point to the GWC Bakery application. It provides an enticing display of featured products, promotions, and announcements. Users can easily navigate to other sections using the top navigation menu.
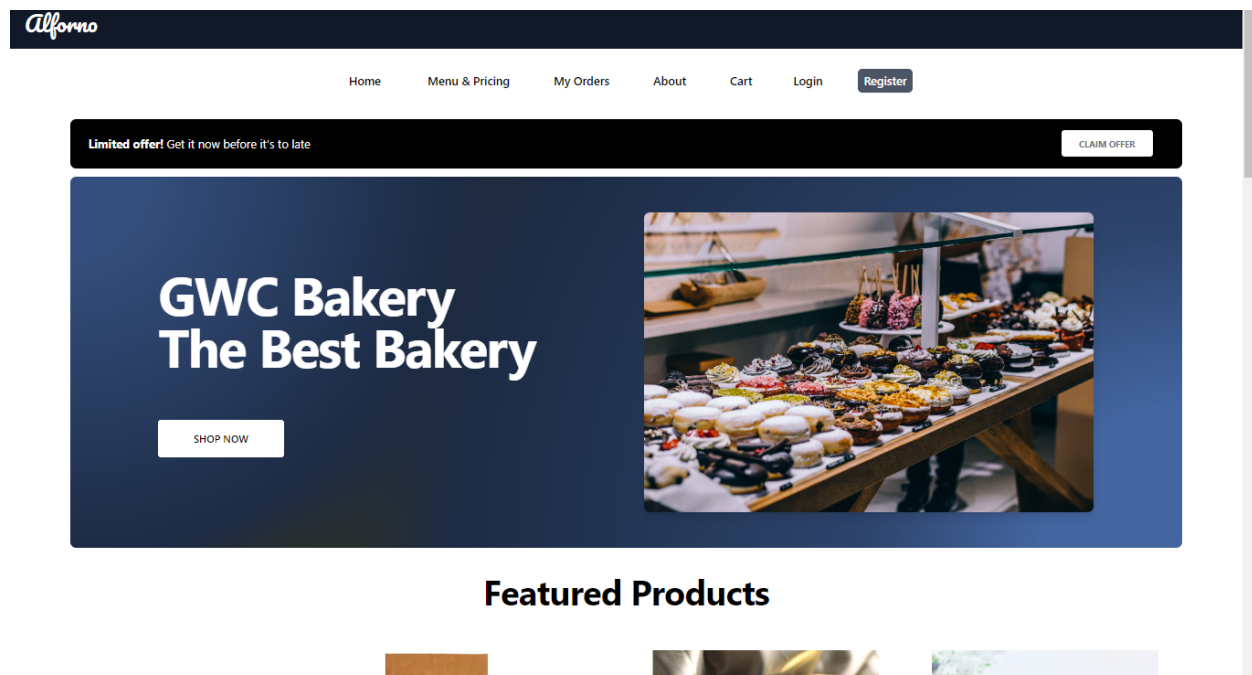
2. Menu & Pricing:

In the Menu & Pricing section, users can explore a wide variety of bakery products available for purchase. Each product is listed with a Cake Image, a brief description, and its price. Users can use the search bar and filter options to quickly find specific Categories.

3. Cart:

The Cart section allows users to review and manage their selected bakery items before proceeding to checkout. Users can remove items.It provides a seamless shopping added a new coupon code for flat discount for customers

4. My Orders:

In the My Orders section, users can track the status of their previous orders. It displays order details, such as order number, date, items ordered, total amount, and status (e.g., Pending, Processing, Completed).

GWC Bakery

Home   Menu & Pricing   My Orders   About   Cart   Welcome, Murugan!

Orders

Name	Order Date	Total Amount	Current Status	Action
Murugan	2023-07-28 18:10:44	₹3.30	pending	🗑
Murugan	2023-07-28 18:09:19	₹699.00	completed	🗑
Murugan	2023-07-28 18:08:51	₹290.00	completed	🗑
Murugan	2023-07-28 18:08:11	₹20.00	completed	🗑
Murugan	2023-07-28 17:09:11	₹48.00	completed	🗑
Murugan	2023-07-28 17:51:26	₹3.30	pending	🗑
Murugan	2023-07-28 17:51:39	₹3.30	pending	🗑
Murugan	2023-07-28 17:54:26	₹3.30	pending	🗑
Murugan	2023-07-28 18:15:53	₹3.30	pending	🗑

5. Login/Logout:

Users can access the Login page to log in to their accounts. If they don't have an account, they can register through the same page. Once logged in, the "Logout" option appears in the top navigation menu, allowing users to securely log out.

Home   Menu & Pricing   My Orders   About   Cart   Login   Register

Log in

Email Address
mike@gmail.com

Password   Forgot Password?
Enter your password

[Log In]

Don't have an account ? Sign up

Logout

GWC Bakery

Home   Menu & Pricing   My Orders   About   Cart   Welcome, Murugan!
logout

Product added to cart.

Product Management

In the GWC Bakery web application, users can easily browse and search for products, view their details, and add them to the shopping cart for a seamless shopping experience.

Browsing and Searching Products:

1) Menu & Pricing Page: When users click on the "Menu & Pricing" option in the navbar, they will be redirected to the "Menu & Pricing" page. This page will display categories of products, such as Cakes, Toast, Pastries, etc., along with the number of products available in each category.

2) Category Selection: Upon clicking on a specific category (e.g., Cakes), users will be directed to the category page, which lists all the products within that category.
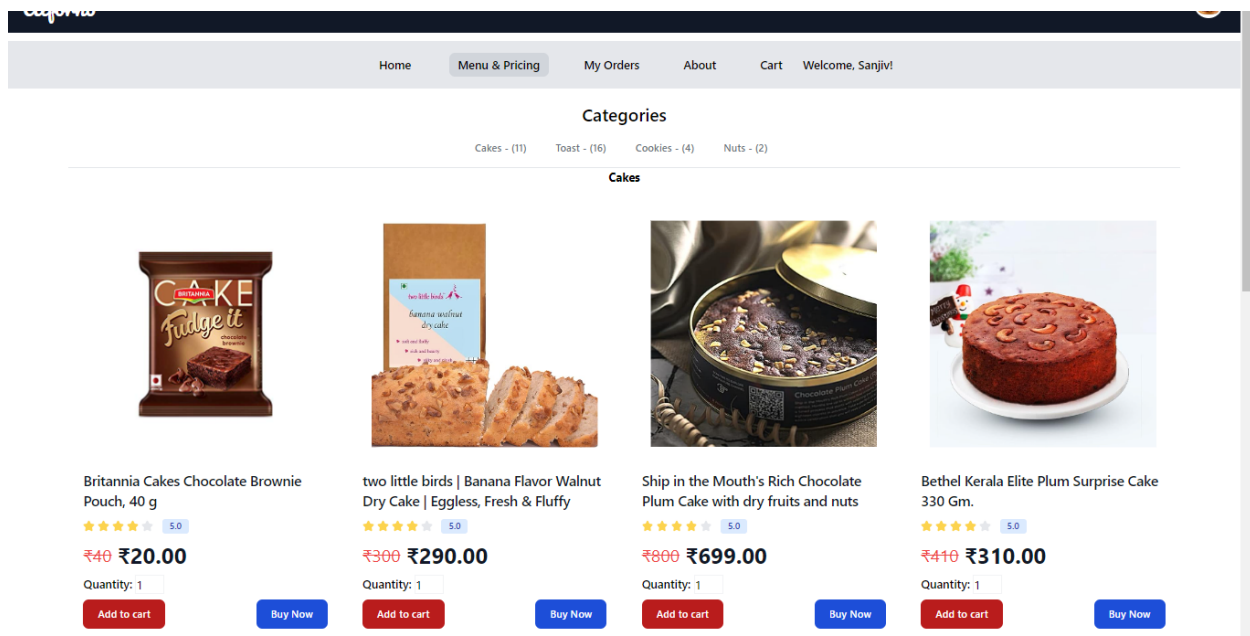
Viewing Product Details

Product Cards: On the category page, each product will be displayed as a product card. The product card typically includes essential details like the product name, image, price, and a brief description.

Product Image: Users can click on a product card to view a larger image of the product, allowing them to get a closer look.

Adding Products to the Shopping Cart

Adding to Cart: On the product details page, users will find an "Add to Cart" button. Clicking on this button will add the selected product to their shopping cart.

Shopping Cart Page: Users can also access their shopping cart by clicking on the "Cart" option in the navigation menu. The cart page will display a list of all the products added to the cart along with their quantities and individual prices.

Proceed to Checkout: After reviewing the cart, users can proceed to the checkout page to complete the order and provide shipping and payment details.

Admin Dashboard

The Admin Dashboard in the GWC Bakery web application is a powerful tool that allows administrators to manage various aspects of the online bakery store. It provides exclusive access to administrative functions, enabling efficient management of products, categories and gaining insights into the store's performance.

Purpose and Features

Centralized Control: The primary purpose of the Admin Dashboard is to provide administrators with a centralized control panel to oversee and manage the entire bakery store.

Product Management: Administrators can add new products, edit existing product details (such as name, price, description, and image), and remove products that are no longer available or in season.

Category Management: Admins have the authority to create new product categories, ensuring products are appropriately organized and easy for users to navigate.
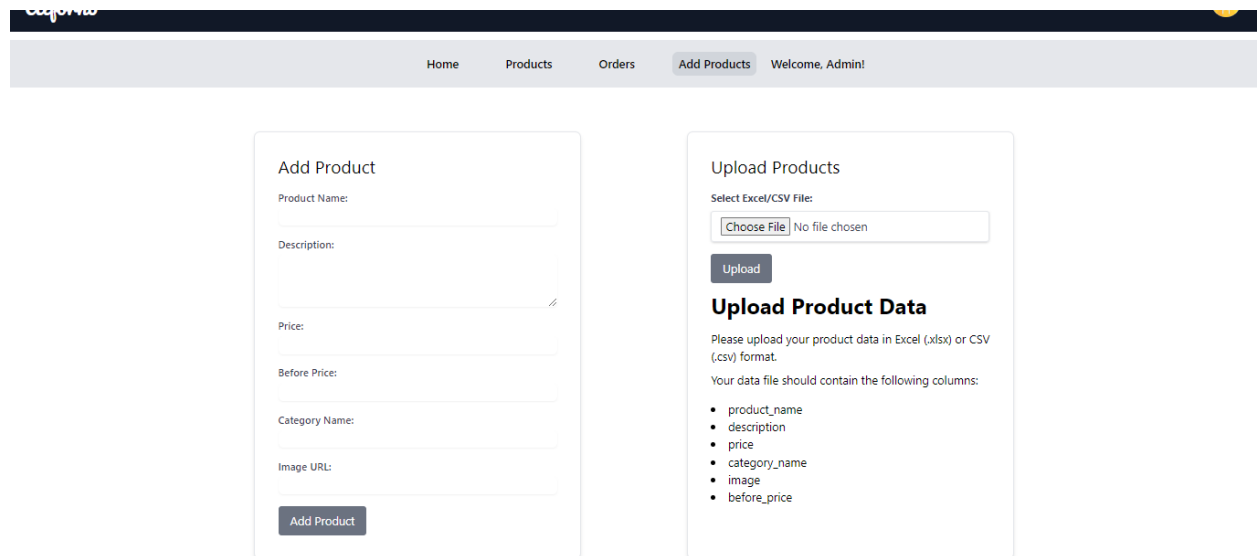
Order Management: Admins can track and manage customer orders, view order details, and update order statuses (e.g., processing, pending, completed).

Sales Insights: The dashboard may include data visualization tools that provide insights into sales performance, such as total amount line graph,Products categories
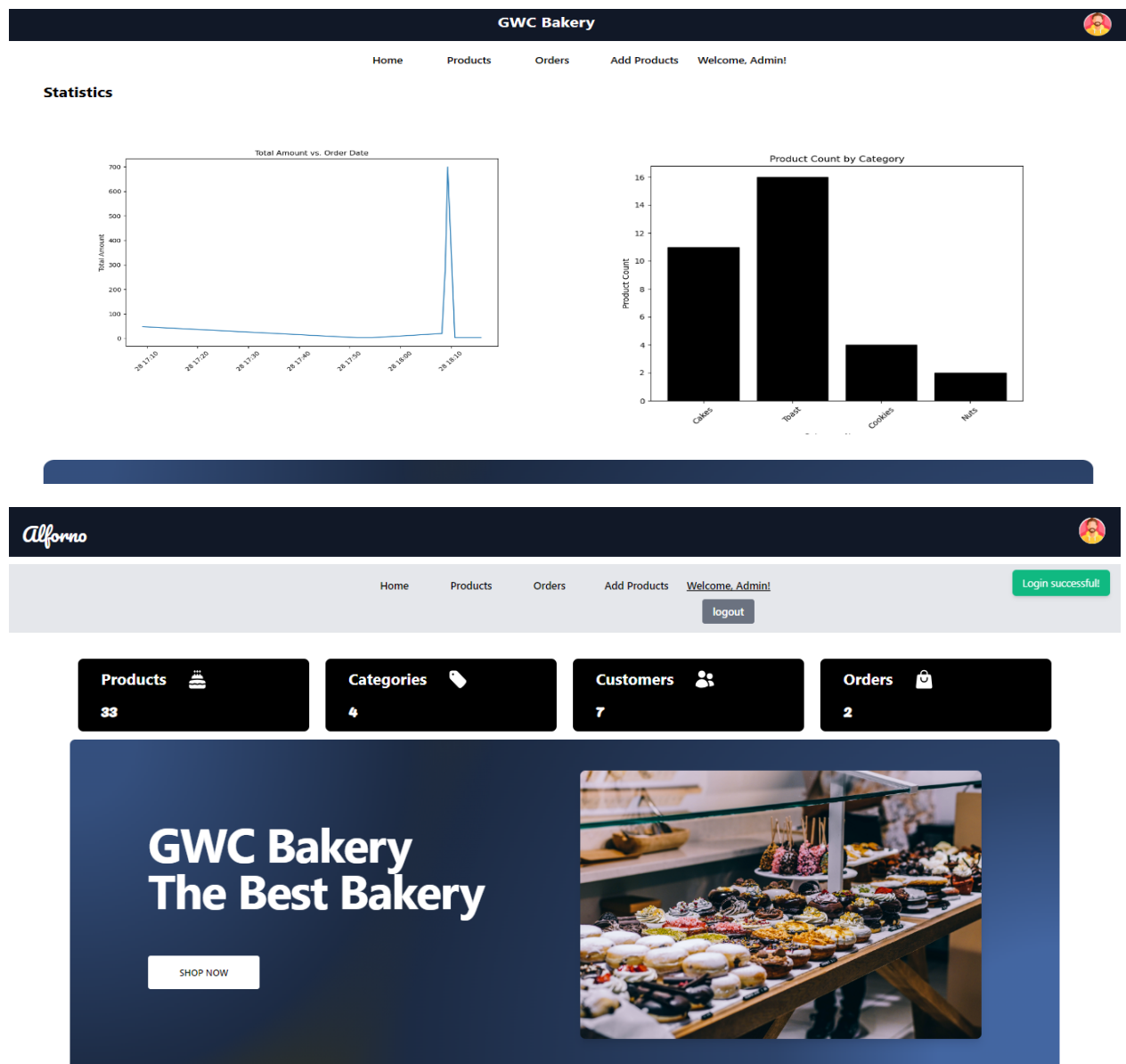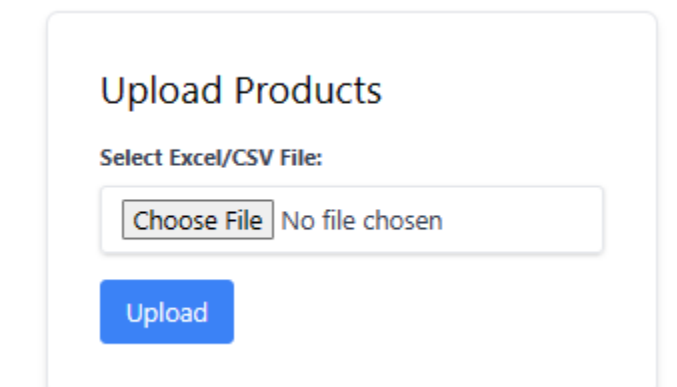
Managing Products and Categories

Product Management: To add a new product, administrators can navigate to the "Add Product" option in the dashboard. They will need to fill in the required details like product name, price, description, image, and assign it to a relevant category.

If the admin wants to upload a bulk products means then the admin can use the upload products

Editing Products: For existing products, administrators can find and edit their details through the " Products" section. They can make necessary changes and save them.

Modifying Products

Product Photo	Product Name	Description	Price	Actions
	Nutribee 100% Whole Wheat Atta Rusk - Curry Leaf	400g bundle pack. Nutribee presents Whole Wheat Rusk – Curry Leaf. Your pakoda cravings have a healthy answer with our curry leaf rusk that is baked to perfection and has the earthy taste of fresh roasted curry leaf, chillies, organic whole wheat flou	230.00	
	Parle Rusk Premium Elaichi Flavour, 400g	Parle rusk comes with the goodness of wheat & a crunchy texture Infused with elaichi essence that releases a sweet & delicious aroma in every bite Enjoy Parle rusk with a hot cup of tea to relish every moment of it A perfect companion to your hot cup of tea It is 100% Vegetarian product Country of origin: India	26.00	
	Diet Foods 4 in 1 Combo-Sugar Free Bread	Nutritious toast: When you crave something savoury and crunchy, try a piece of delicious Sugar Free Toasted Bread by Baker Street. Our NEW toasted taste is delightful on its own.	132.00	
	Baker Street Sugar Free Rusk Toast 200g Healthy Crispy Diet Quality Fibre	Nutritious toast: When you crave something savoury and crunchy, try a piece of delicious Sugar Free Toasted Bread by Baker Street. Our NEW toasted taste is delightful on its own. Zero trans fat, no artificial color: enjoy premium zero trans fat bread, sugar-free toast no longer means buying cheap sliced & diced white bread that tastes dry and stale.	123.00	
	Pran Family Toast Rusk, 250g	Combination of taste and health Prepared with the best of ingredients Perfect evening snack with friends and family Spread a dollop of butter, jam or cheese to turn it into a perfect mid meal snack No added preservatives	200.00	
	Britannia Toastea Milk Rusk Toast	Britannia Milk Rusk Toast is been a traditional tea companion and is loved by many. Britannia rusk toast is as crispy as your traditional one, but with a hint of elaichi and right amount of sweetness, its taste will leave you amazed.	182.00	
	Nutribee 100% Multi-Grain Millet Rusk	Refined Sugar Free	Nutribee presents Multi-Millet Rusk – Sweet, which is mildly sweetened with jaggery and made with organic whole wheat flour, a combination of 4 different millets – foxtail millet, ragi, kodo millet and small millet and rice bran oil.	440.00	

Order Management: The "Manage Orders" section allows administrators to view all orders received from users. They can see order details, track their statuses, update shipping information, and mark orders as fulfilled.

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