

MINI PROJECT - II(2021-22)

“PIE-LICIOUS BAKERY”

PROJECT REPORT



INSTITUTE OF ENGINEERING & TECHNOLOGY

SUBMITTED TO: -

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Acknowledgement

The satisfaction that accompanies the successful completion of any task would be incomplete without the mention of people whose ceaseless cooperation made it possible, whose constant guidance and encouragement crown all efforts with success.

We are grateful to our project Mentor Ms. Ruchi Gupta for the guidance, inspiration and constructive suggestions that helped us in the preparation of this project.

Sejal Bansal

Sanchita Srivastava

Yashasvi Gautam

Declaration

I/we hereby declare that the work which is being presented in the Bachelor Of Technology Project “**PIE-LICIOUS**”, in partial fulfillment of the requirements for the award of the ***Bachelor of Technology*** in Computer Science and Engineering and submitted to the Department of Computer Engineering and Applications of GLA University, Mathura, is an authentic record of my/our own work carried under the supervision of **Mrs.Ruchi gupta, SENIOR Trainer, Training and Development, GLA University.**

The contents of this project report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree.

Sejal Bansal
Yashasvi Gautam
Sanchita Srivastava

Introduction

The “**PIE-LICIOUS BAKERY**” is a Bakery Shop Management System is a simple web-based application platform for bakery shops that can help them to manage their stocks and day-to-day transaction with their customers.

Scope

- Designed to Manage the Bakery Shop Stocks and day to day Transactions.
- It can be used by Administrators and Cashier.
- It reduces the time and efforts required to Manage Bakery.
- This system will provide better transparency.

User Characteristics

Both user should be:

- ✓ Comfortable with Internet Browser
- ✓ He / She must have brief knowledge of Bakery shop Management system.
- ✓ He / She must also have basic knowledge of English too.
- ✓ Login and password is used for identification of User.

Technologies used

This project will be a Web application to be developed in PHP having

Database Design (Maria DB)

Form Design (HTML 8.1)

Coding (PHP)

Testing (XAMMP SERVER)

Project Requirements

Hardware Requirements (Processor RAM Disk Space)

Pentium II, Pentium III, Pentium IV, Higher 128 Mb or Higher 130 Mb

Software Requirements (Operating System Database)

Win-98, Win-XP, Linux, My SQL

FUNCTIONAL REQUIREMENTS:

- Registration of the User
- Registration of the User depends upon the information filled by the user.
- Voter can give vote after login and entering the ID and PASSWORD.

In the DATABASE information of every user is stored.

Overview

- Project is related to Bakery Shop Management System.
- Main facilities available in this project are:-
 - Maintaining user's Identification.

Working

Bakery management system provides you with your bakery's data .

This Bakery Shop Management System in PHP and MySQL Database is only accessible to the Bakery Shop's Management. The system requires user credentials in order for the management can access the data, features, and functionalities. It has 2 types of user roles which are the Administrators and Cashiers.

The Administrator Users are the ones who can manage the products, stocks, and categories. They also have the privilege to access and manage all the features and functionalities of what the system does.

The Cashiers are only allowed to manage transactions and list the sales report of their transactions. This has a Point of Sale feature to manage the shop's daily sales. It has also a feature that generates a printable receipt and date-wise sales report.

Overall Description

Goals of proposed system

1. **Planned approach towards working:** - The working in the organization will be well planned and organized. The data will be stored properly in datastores, which will help in retrieval of information as well as its storage.
2. **Accuracy:** - The level of accuracy in the proposed system will be higher. All operation would be done correctly and it ensures that whatever information is coming from the center is accurate.
3. **Reliability:** - The reliability of the proposed system will be high due to the above stated reasons. The reason for the increased reliability of the system is that now there would be proper storage of information.
4. **No Redundancy:** - In the proposed system utmost care would be that no information is repeated anywhere, in storage or otherwise. This would assure economic use of storage space and consistency in the data stored.
5. **Immediate retrieval of information:** - The main objective of proposed system is to provide for a quick and efficient retrieval of information.
6. **Immediate storage of information:** - In manual system there are many problems to store the largest amount of information.
7. **Easy to Operate:** - The system should be easy to operate and should be such that it can be developed within a short period of time and fit in the limited budget of the user.

Feasibility Study

Depending on the results of the initial investigation the survey is now expanded to a more detailed feasibility study. “FEASIBILITY STUDY” is a test of system proposal according to its workability, impact of the organization, ability to meet needs and effective use of the resources.

It focuses on these major questions:

- ✓ What are the user’s demonstrable needs and how does a candidate system meet them?
- ✓ What resources are available for given candidate system?
- ✓ What are the likely impacts of the candidate system on the organization?
- ✓ Whether it is worth to solve the problem?

Eight steps involved in the feasibility analysis are:

- ✚ Form a project team and appoint a project leader.
- ✚ Prepare system flowcharts.
- ✚ Enumerate potential proposed system.
- ✚ Define and identify characteristics of proposed system.
- ✚ Determine and evaluate performance and cost effective of each proposed system.
- ✚ Weight system performance and cost data.
- ✚ Select the best-proposed system.
- ✚ Prepare and report final project directive to management.

Front-end & Back-end selection

An important issue for the development of a project is the selection of suitable front-end and back-end. When we decided to develop the project we went through an extensive study to determine the most suitable platform that suits the needs of the organization as well as helps in development of the project.

The aspects of our study included the following factors.

Front-end selection:

- ❖ It must have a GUI that assists employees that are not from IT background
- ❖ Scalability and extensibility
- ❖ Flexibility
- ❖ Platform independent
- ❖ Easy to debug and maintain

According to the above stated features we selected Html-css as a front-end for developing our project.

Back-end Selection:

- ❖ Multiple user support
- ❖ Efficient data handling
- ❖ Provide inherent features for security
- ❖ Efficient data retrieval and maintenance
- ❖ Easy to implant with the Front-end

According to above stated features we selected Maria DB ,php as a backend.

DESIGN

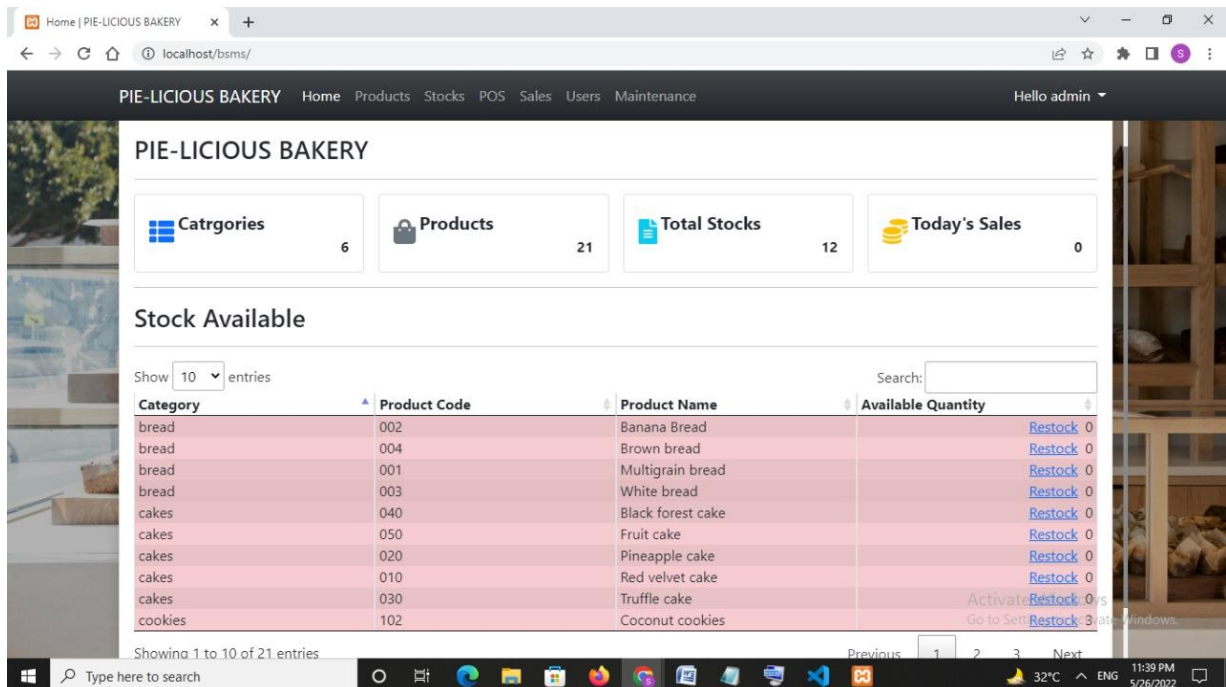
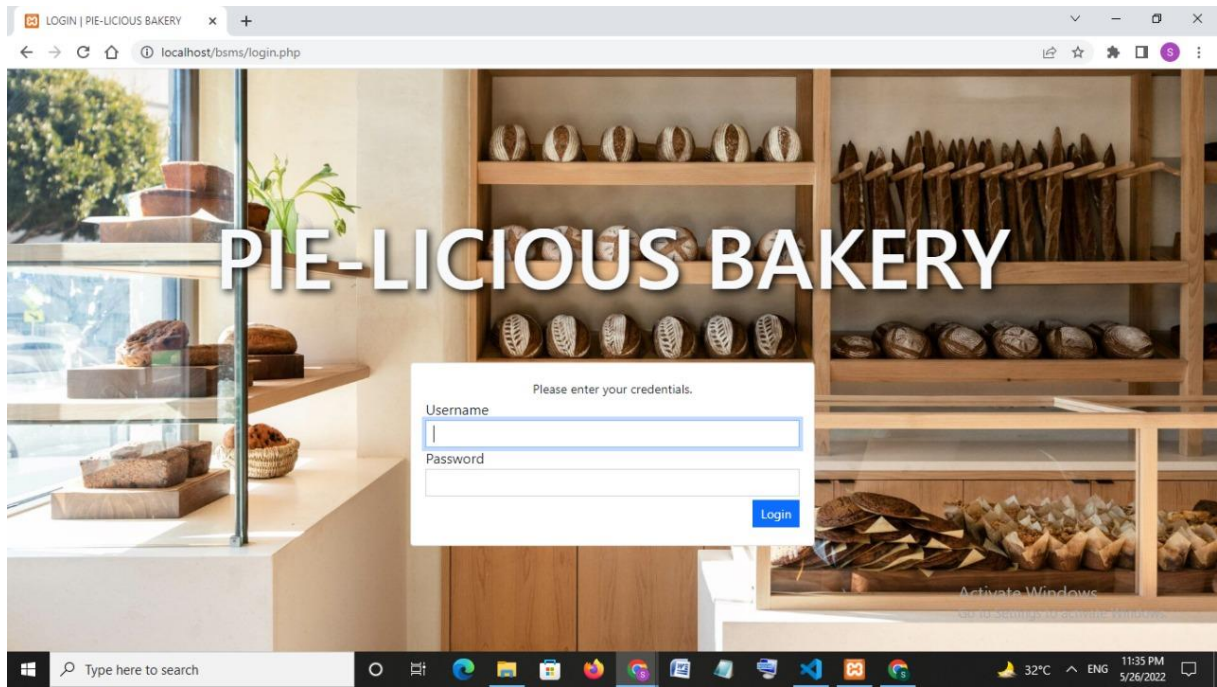
Objective:

In bakery the traditional hand-written method for writing bill keep track of the record is inefficient and leads to loss of the organization. The problem is capturing of data and keeping accurate records of the stock details daily purchase and sales. The purpose of our website is to solve all the above problem.

Advantages:

- ✚ Fast and easy service
- ✚ Reduces paper work
- ✚ It is less time consuming
- ✚ It is a better way for organizing stocks

Project At A Glance –



Home | PIE-LICIOUS BAKERY x Products | PIE-LICIOUS BAKERY x +

localhost/bsms/?page=products

PIE-LICIOUS BAKERY Home Products Stocks POS Sales Users Maintenance Hello admin

Product List

Show 10 entries

Search:

#	Code	Category	Product	Price	Alert	Status	Action
1	002	bread	Banana Bread includes mashed ripe bananas	45	5	Active	Action
2	200	muffins	Banana muffin soft, buttery with cinnamon	40	3	Active	Action
3	040	cakes	Black forest cake chocolate sponge cake sandwiched with whipped cream and cherries	400	2	Active	Action
4	201	doughnuts	Blueberry dughnut pack of 2, packed with fresh blueberries and topped with a sugary glaze	150	2	Active	Action
5	300	muffins	Blueberry muffin reminiscent of blueberries	60	3	Active	Action
6	004	bread	Brown bread made of whole wheat flour	50	5	Active	Action
7	100	muffins	Chocolate chip muffins light, moist, contains chocochips	50	3	Active	Action
8	013	pastry	Chocolate pastry contains chocolate frosting	60	4	Active	Action
9	202	doughnuts	Cinnamon doughnut	130	2	Active	Action

Type here to search

32°C ENG 11:41 PM 5/26/2022

Stocks | PIE-LICIOUS BAKERY x +

localhost/bsms/?page=stocks

PIE-LICIOUS BAKERY Home Products Stocks POS Sales Users Maintenance Hello admin

Stock List

Show 10 entries

Search:

#	Date Added	Product	Quantity	Expiry	Action
1	2022-05-23	013 Chocolate pastry	2	2022-05-25	Action
2	2022-05-23	012 Fruit pastry	2	2022-05-25	Action
3	2022-05-23	100 Chocolate chip muffins	2	2022-05-26	Action
4	2022-05-23	300 Blueberry muffin	2	2022-05-26	Action
5	2022-05-23	200 Banana muffin	4	2022-05-27	Action
6	2022-05-23	203 Creame filled doughnut	3	2022-05-25	Action
7	2022-05-23	202 Cinnamon doughnut	2	2022-05-25	Action
8	2022-05-23	201 Blueberry dughnut	2	2022-05-25	Action
9	2022-05-23	101 Jerra cookies	3	2022-06-23	Action
10	2022-05-23	011	2	2022-05-26	Action

Type here to search

32°C ENG 11:42 PM 5/26/2022

SALES | PIE-LICIOUS BAKERY

localhost/bsms/?page=sales

PIE-LICIOUS BAKERY Home Products Stocks POS Sales Users Maintenance Hello admin

Transaction

Save Transaction

Please select product below

Search

Category	Product Code	Product Name	Price	Available Quantity
doughnuts	201	Blueberry dughnut	150	0
muffins	300	Blueberry muffin	60	0
bread	004	Brown bread	50	0
muffins	100	Chocolate chip muffins	50	0
pastry	013	Chocolate pastry	60	0
doughnuts	202	Cinnamon doughnut	130	0
cookies	102	Coconut cookies	150	3
doughnuts	203	Creame filled doughnut	200	0
cookies	103	Dry fruit cookies	200	2
cakes	050	Fruit cake	550	0
pastry	012	Fruit pastry	50	0
cookies	101	Jerra cookies	100	3
bread	001	Multigrain bread	50	0
cakes	020	Pineapple cake	350	0
pastry	011	Rainbow pastry	90	0

Items

Qty	Product	Total
1	002 Banana Bread (45)	45
2	200 Banana muffin (40)	80
1	013 Chocolate pastry (60)	60

Sub-Total 185

Tax (12%) Inclusive 22.2

Total 185

Windows Taskbar: 11:42 PM 5/26/2022

SALESREPORT | PIE-LICIOUS BAKER

localhost/bsms/?page=sales_report

PIE-LICIOUS BAKERY Home Products Stocks POS Sales Users Maintenance Hello admin

Sales Report

Filter

Date From 05/19/2022 Date To 05/26/2022 Filter Print

#	Date	Receipt No	Items	Total Amount	Processed By
1	2022-05-20	1653064526	0	215	admin
2	2022-05-20	1653064663	0	110	admin
3	2022-05-20	1653065624	0	160	admin
4	2022-05-24	1653372818	3	350	admin
5	2022-05-24	1653374985	3	260	admin

Windows Taskbar: 11:43 PM 5/26/2022

Users | PIE-LICIOUS BAKERY

localhost/bsms/?page=users

PIE-LICIOUS BAKERY Home Products Stocks POS Sales Users Maintenance Hello admin

Users List

Show 10 entries

Search:

#	Name	Username	Type	Action
1	Sanchita	sanchi	Administrator	Action
2	Sejal Bansal	banse	Cashier	Action
3	Yashasvi Gautam	gauty	Administrator	Action

Showing 1 to 3 of 3 entries

Previous 1 Next

Activate Windows
Go to Settings to activate Windows.

Type here to search

32°C ENG 11:43 PM 5/26/2022

Maintenance | PIE-LICIOUS BAKE

localhost/bsms/?page=maintenance

PIE-LICIOUS BAKERY Home Products Stocks POS Sales Users Maintenance Hello admin

Maintenance

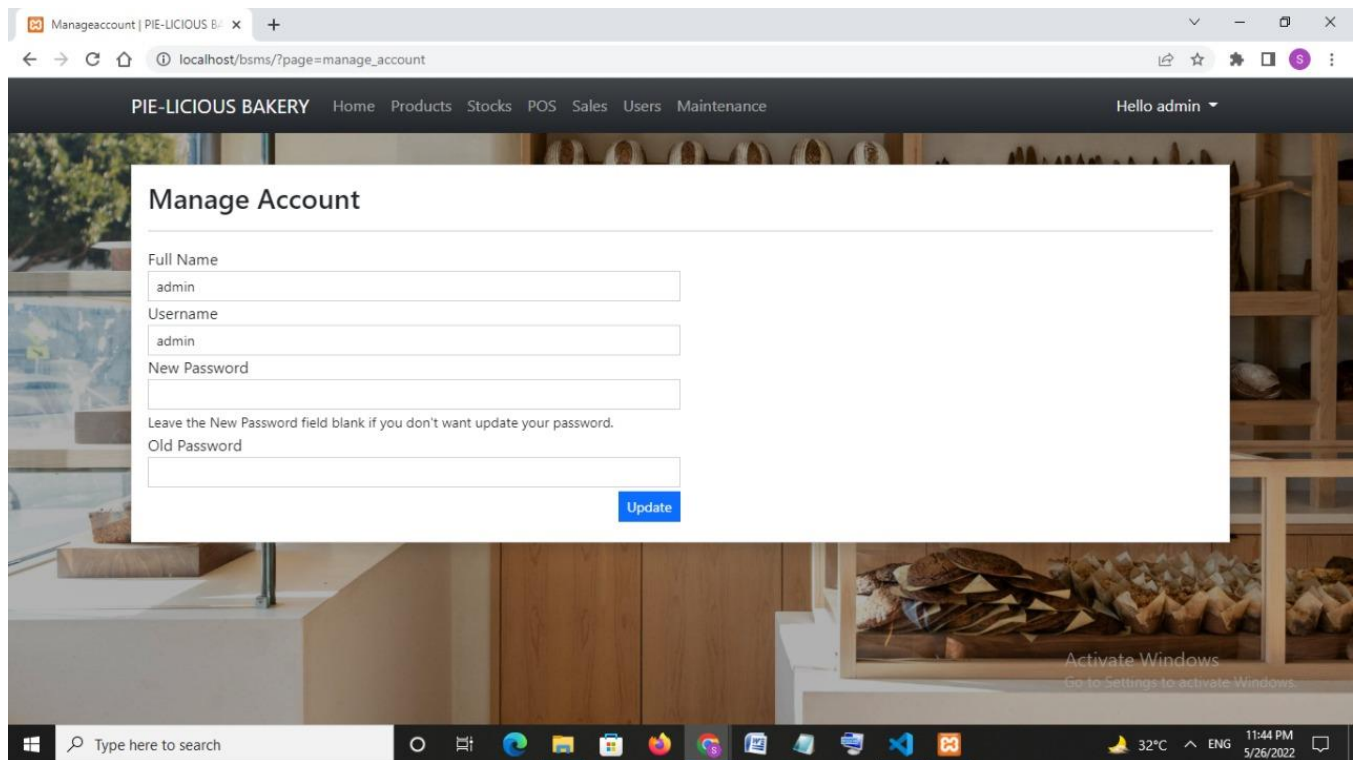
Category List

bread	Active			
cakes	Active			
cookies	Active			
doughnuts	Active			
muffins	Active			
pastry	Active			

Activate Windows
Go to Settings to activate Windows.

Type here to search

32°C ENG 11:44 PM 5/26/2022



Conclusion

Bakery Management system has to do with keeping accurate records of goods that are ready for shipment .This often means having enough stock of goods to the deals as well as subtracting the most recent shipments of finished goods.

References

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