

VIDYABHARTI TRUST COLLEGE OF BUSINESS, COMPUTER-  
SCIENCE & RESEARCH. UMRACH



## PROJECT REPORT

*BACHELOR OF COMPUTER APPLICATION*

(B.C.A)

SEM : V

YEAR: 2022 - 2023

### **Online Bakery Management System**

GUIDED BY:

**MISS. MOHINI PATEL**

SUBMITTED BY:

**Mr. JAY H PATEL**  
**(3052)**

VIDYABHARTI TRUST COLLEGE OF BUSINESS, COMPUTER-SCIENCE &  
RESEARCH, UMRACH.



# Vidyabharti Trust College of Business, Computer-Science & Research. UmraKh

At & Po: UmraKh, Ta: Bardoli, Dist: Surat – 394345, Gujarat, INDIA.

## CERTIFICATE

*This is to certify that Mr. Jay Hiteshkumar Patel Exam Seat Number: 3052 has satisfactorily completed his project work entitled **Online Bakery Management System** as a partial fulfillment of the requirements for 5<sup>th</sup> Semester – B.C.A. (Bachelor of Computer Application), during the academic Year 2022 - 2023.*

Date:

Place:

**Dr. Snehal H. Mistry**

**Principal**

**Vidyabharti Trust College of Business,  
Computer-Science & Research.**

**UmraKh, Bardoli, Surat**

PROJECT OF B.C.A.
Academic Year <u>2022-23</u>
Approved by: _____
(Examiners)

# Index

Sr.No	Topic	Page No
1	Introduction	4
1.1	Project Description	4
1.2	Project Profile	5
1.3	Objectives	5
2	System Design	6
3	UML Diagram	7
	3.1 Use case Diagram	7
	3.2 Activity Diagram	8
4	Database Design	10
5	Interface Design	12
6	References	18

# 1 .INTRODUCTION

## 1.1:Project Description:

### Overview:

- The Bakery Management System. The system requires user credentials in order for the management can access the data, features, and functionalities.
- Manage the products, stocks, and categories.
- It has also a feature that generates a printable receipt and date-wise sales report.

### Advantages:

- 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.
- A Point of Sale feature to manage the shop's daily sales.

### List Of Modules:

1. **Category:** Allows To Add And Manage the details of Category regarding category.
2. **Product:** Allows To Add And Manage the details of Product regarding category, Product code, ProductName, Price and Description.
3. **User:** Allows To Add and Mange Users(**Cashiers**).
4. **Stock:** Allows To Add and Manage the details of Product regarding product Qty, product exp date.

## 1.2:Project Profile:

Project Title:	Online Bakery Management System
Frontend:	HTML,PHP,CSS
Backend:	MYSQL
Editors:	VS Code, Notepad++
Submitted To:	VTOBCSR, Umrakh

## 1.3:Objectives:

Online Bakery Management System is Designed To manage activities related to daily Sales, Stock manage, product manage. Reduce manual work, A Bakery Management System can help to make day-to-day Bakery related activities easier.

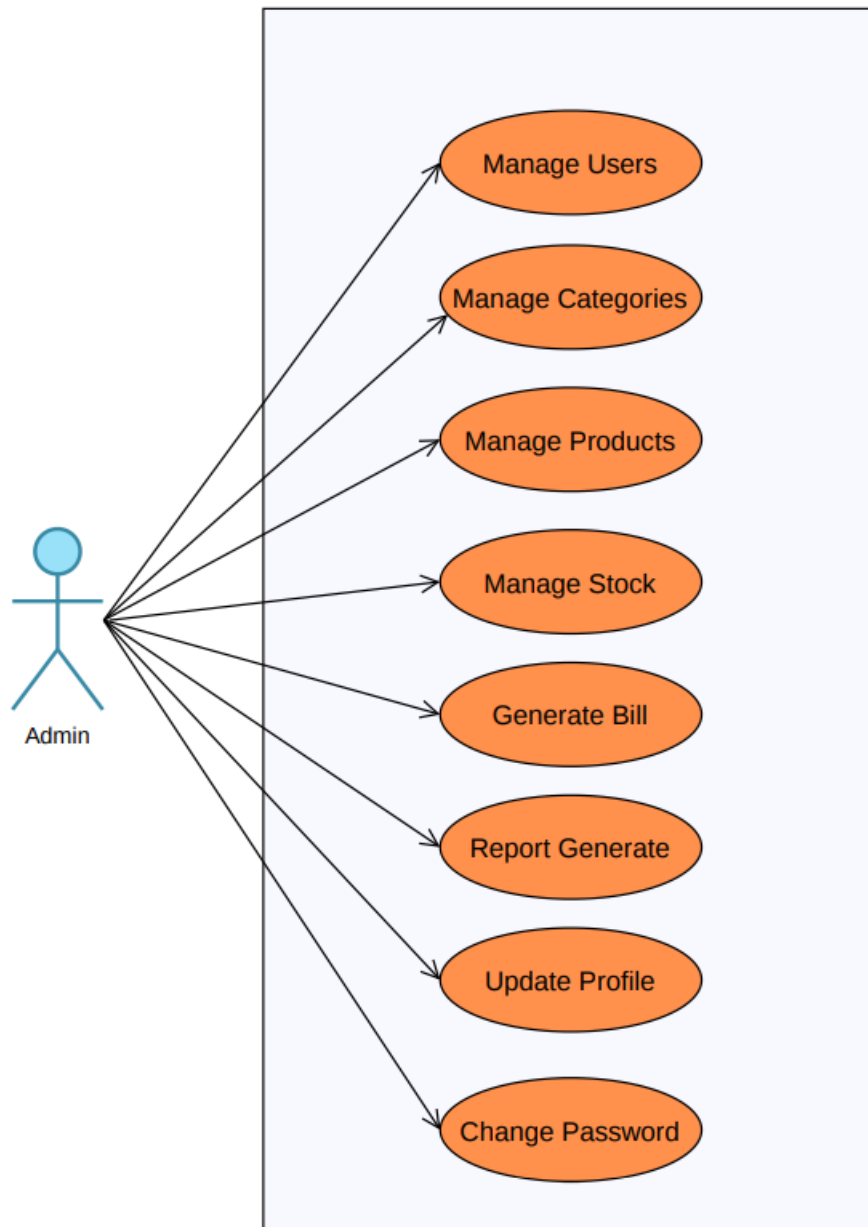
## 2.SYSTEM DESIGN

### 2.1 Activity Diagram:

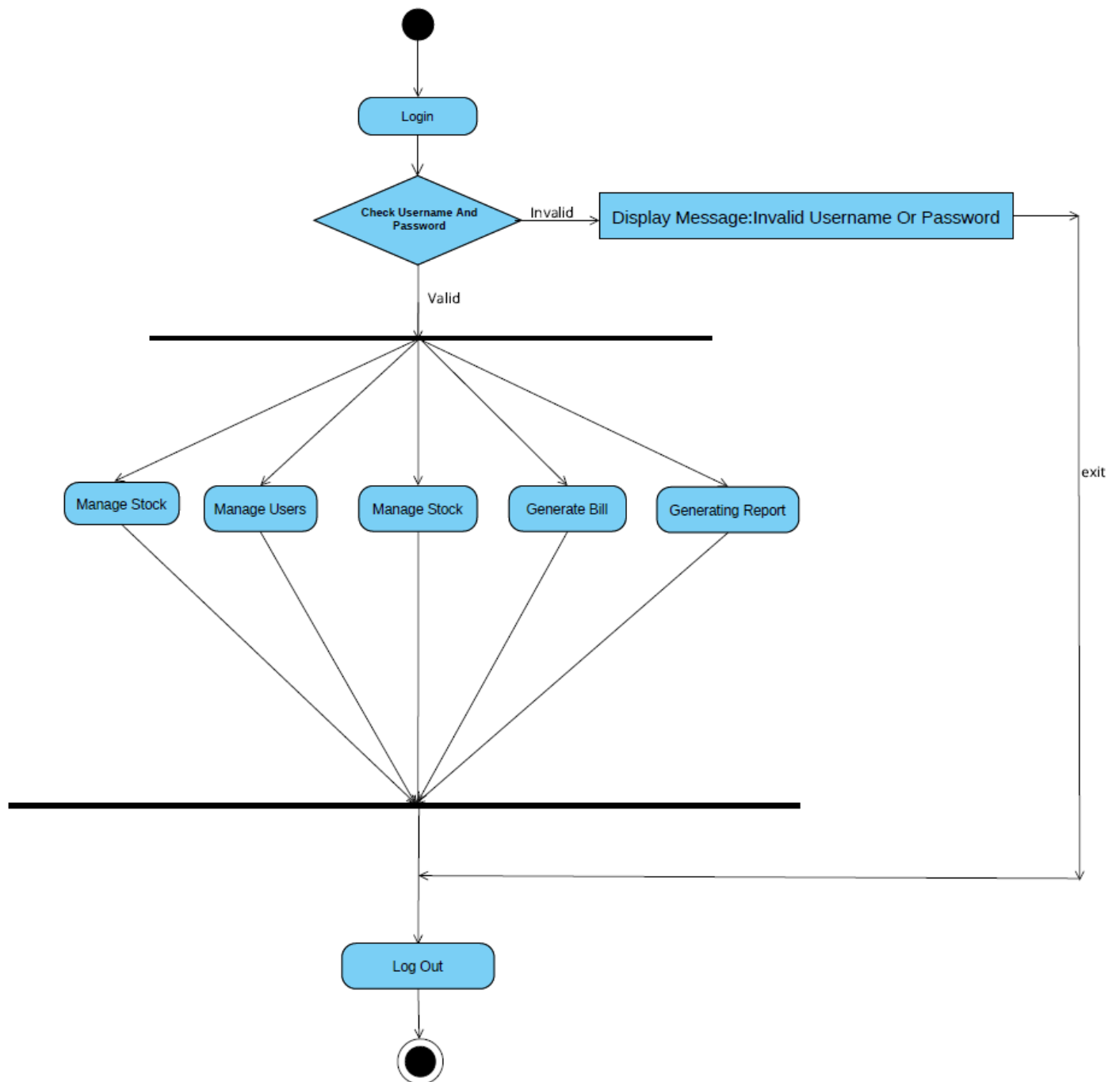


## 3.UML DIAGRAM

### 3.1:UseCase Design

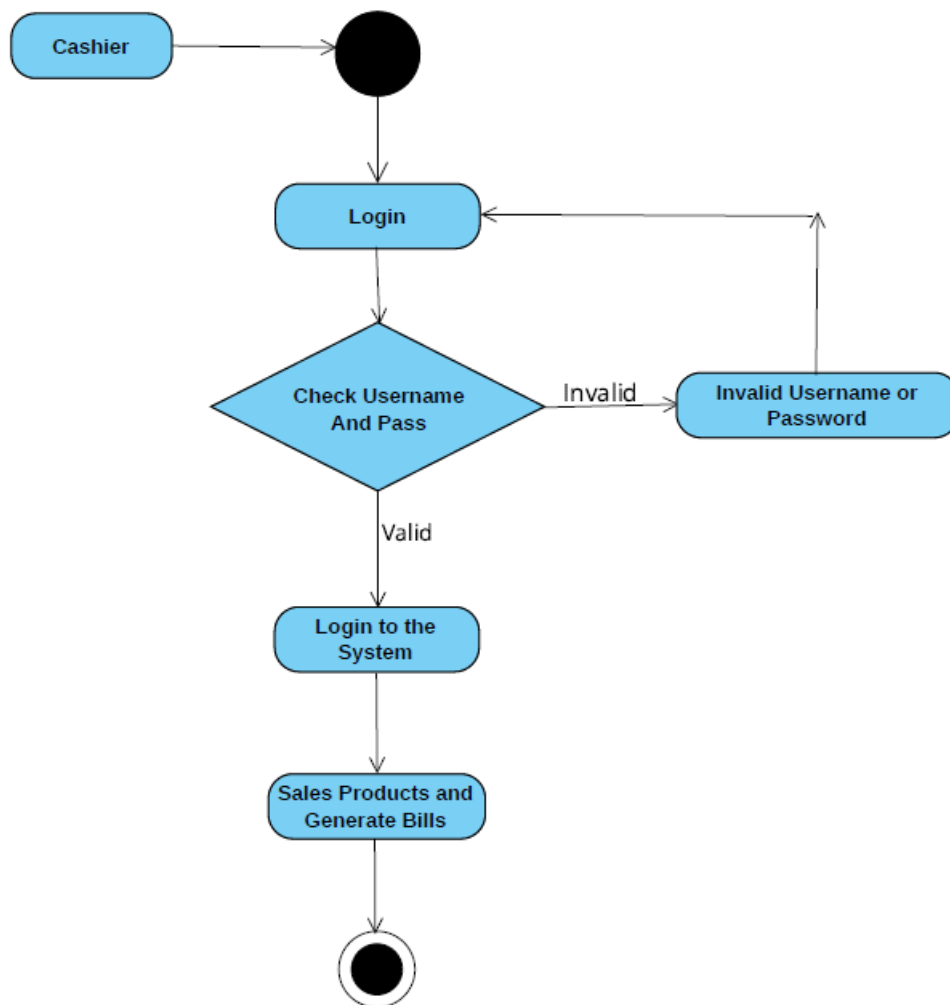


### 3.2: Activity Diagram Of BMS





## Cashier Login:



## 4.DATABASE DESIGN

### 1.user\_list

No	Field Name	Datatype
1	user_id(PK)	Int(30)
2	fullname	text
3	username	text
4	password	text
5	type	Int(30)
6	date_created	timestamp

### 2.category\_list

No	Field Name	Datatype
1	category_id(PK)	Int(30)
2	name	text
3	description	text
4	date_created	timestamp
5	date_updated	timestamp

### 3.stock\_list

No	Field Name	Datatype
1	stock_id(PK)	Int(30)
2	Product_id(FK)	Int(30)
3	quantity	double
4	expiry_date	datetime
5	date_added	timestamp

#### 4.Product\_list

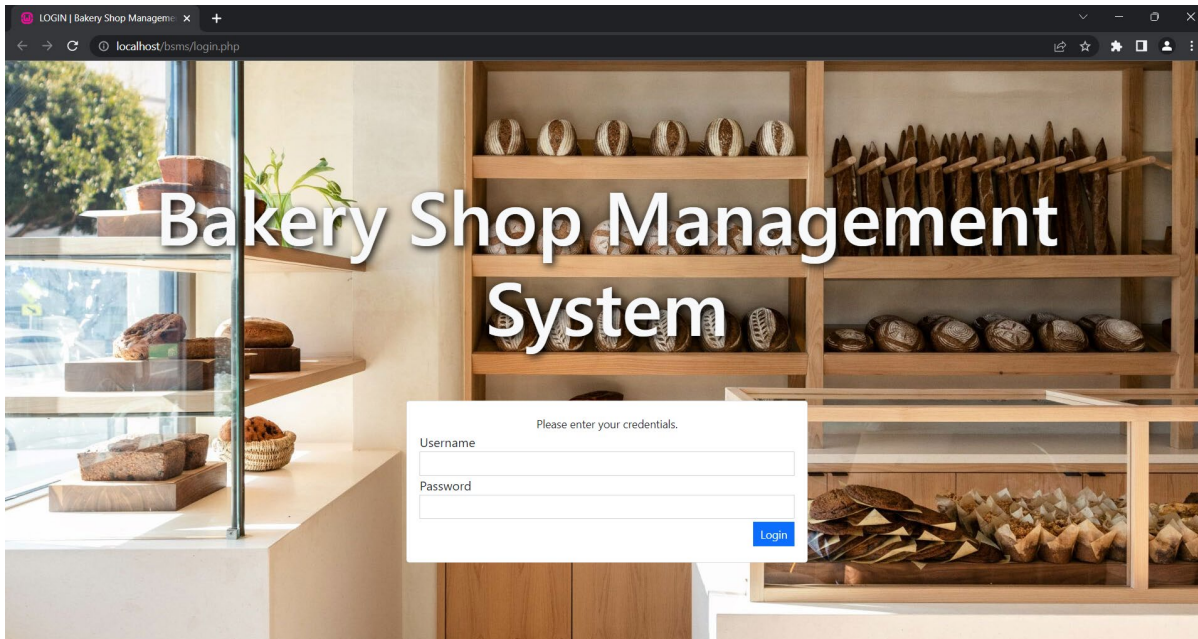
No	Field Name	Datatype
1	product_id(PK)	Int(30)
2	product_code	text
3	category_id(FK)	Int(30)
4	name	text
5	description	text
6	price	double
7	alert_restock	double
8	date_created	datetime
9	date_updated	current timestamp

#### 5.Transaction\_list

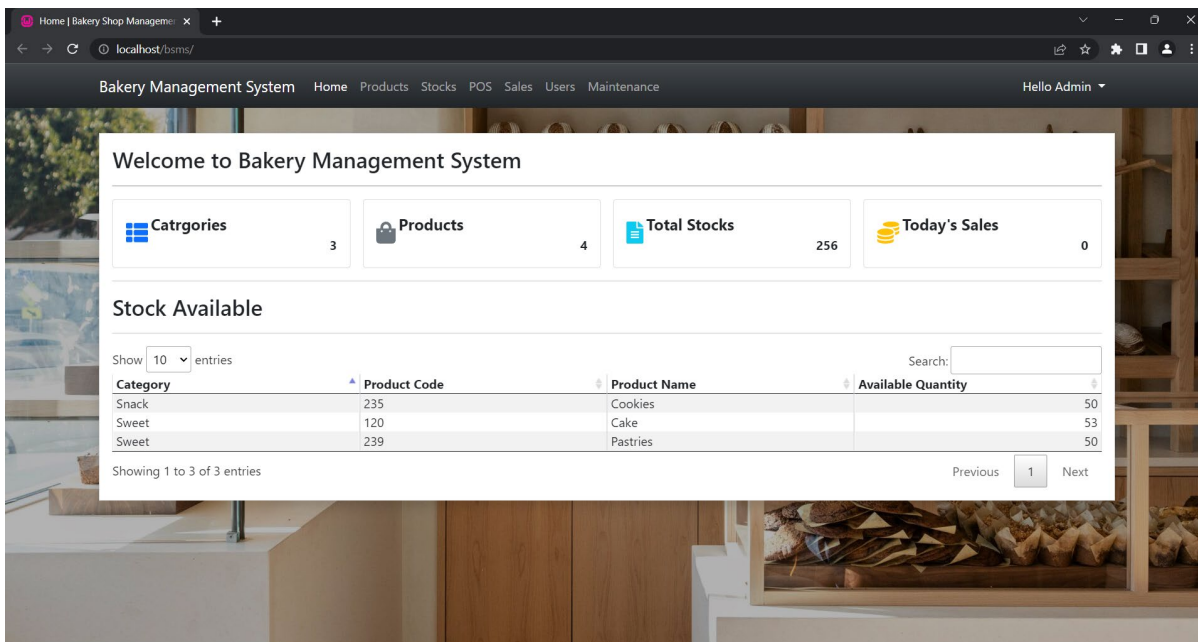
No	Field Name	Datatype
1	transaction_id(PK)	Int(30)
2	receipt_no	text
3	total	double
4	tendered_amount	double
5	change	double
6	user_id(FK)	Int(30)
7	date_added	timestamp

# 5.INTERFACE DESIGN

## Login Page:



## Main Page:



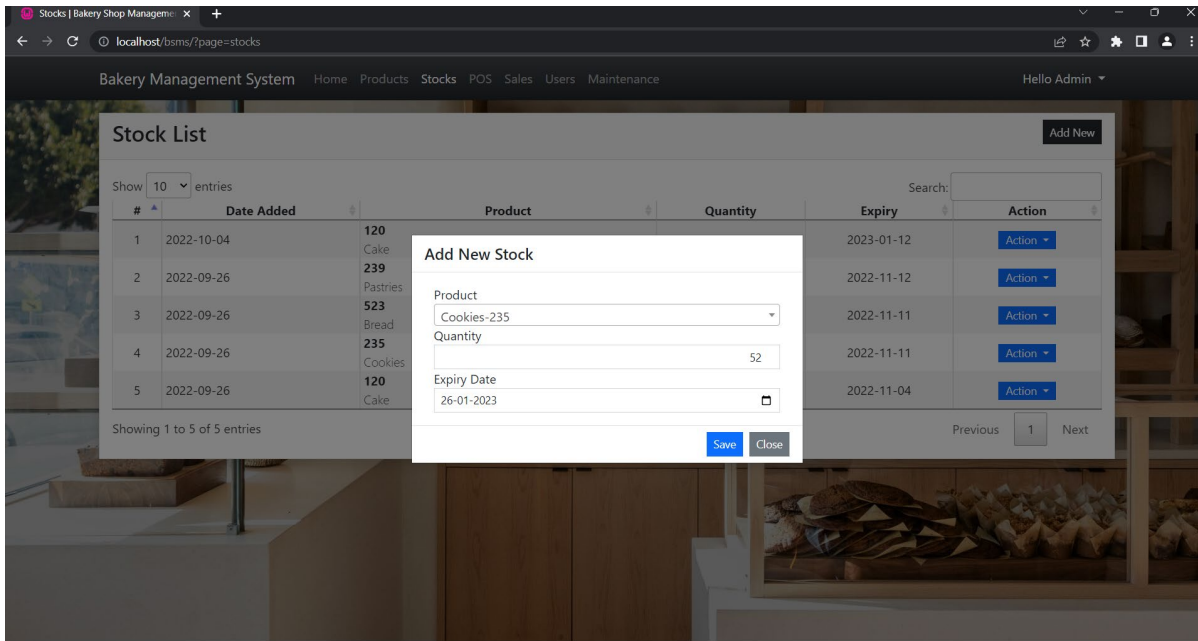
# Admin Profile

The screenshot shows a web browser window with the address bar displaying 'localhost/bsms/?page=manage\_account'. The page title is 'Bakery Management System'. A navigation bar at the top includes links for Home, Products, Stocks, POS, Sales, Users, and Maintenance, along with a 'Hello Admin' dropdown. The main content area features a 'Manage Account' form with the following fields: Full Name (containing 'Admin'), Username (containing 'admin'), New Password, and Old Password. A note states: 'Leave the New Password field blank if you don't want update your password.' An 'Update' button is located at the bottom right of the form.

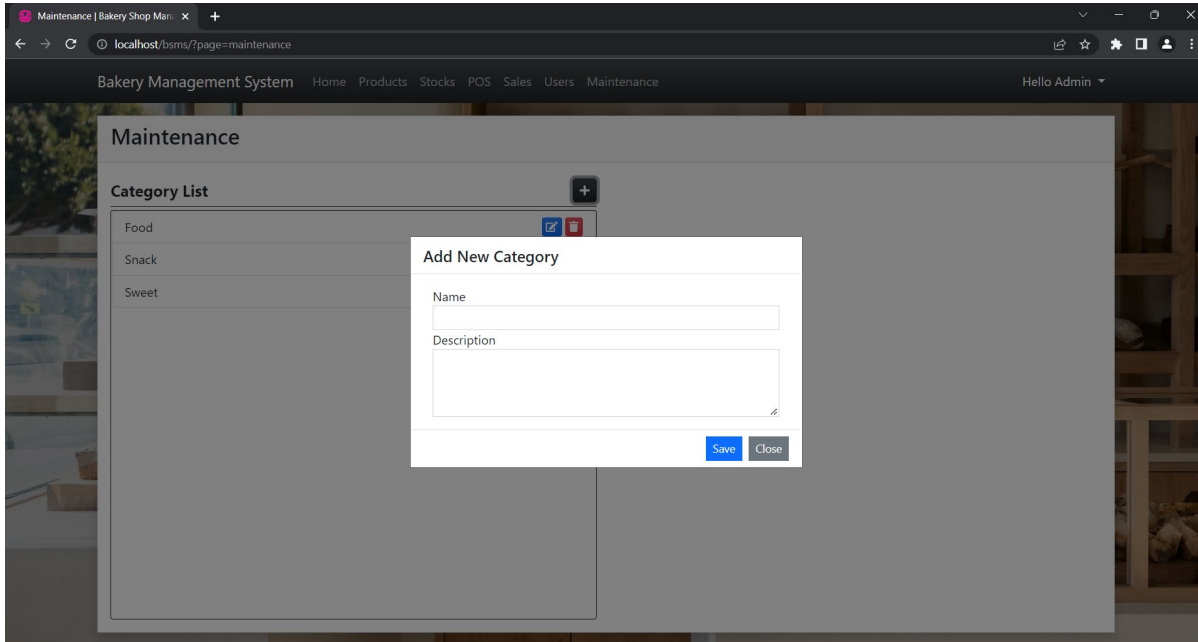
# Add Product Page

The screenshot shows a web browser window with the address bar displaying 'localhost/bsms/?page=products'. The page title is 'Bakery Management System'. A navigation bar at the top includes links for Home, Products, Stocks, POS, Sales, Users, and Maintenance, along with a 'Hello Admin' dropdown. The main content area features a 'Product List' table with columns for '#', 'Code', 'Name', 'Description', 'Price', and 'Action'. An 'Add New' button is located at the top right of the table. An 'Add New Product' form is overlaid on the table, containing the following fields: Code, Category (a dropdown menu with 'Please Select Here' selected), Name, Price, and QTY Alert for Restock. A 'Save' button and a 'Close' button are located at the bottom right of the form.

## Add Stock Page



## Add Category Page



# Manage Product Page

Products | Bakery Shop Manager

localhost/bsms/?page=products

Bakery Management System Home Products Stocks POS Sales Users Maintenance Hello Admin

### Product List

Show 10 entries

Search:

#	Code	Category	Product	Price	Alert	Action
1	523	Food	<b>Bread</b> Bread contains a wide range of vitamins and minerals including B group vitamins thiamine (B1), Niacin (B3) which are important for releasing energy from food and...	50	50	Action
2	120	Sweet	<b>Cake</b> Vivamus commodo purus a dolor pretium interdum. Pellentesque bibendum lacus sed tortor mollis varius. Etiam sed odio felis. Nam nec erat eu metus feugiat aliquam....	200	50	Action
3	235	Snack	<b>Cookies</b> A cookie is a baked or cooked snack or dessert that is typically small, flat and sweet. It usually contains flour, sugar, egg, and some type of oil, fat, or butter. It may include othe...	30	40	Action
4	239	Sweet	<b>Pastries</b> Pastry is baked food made with a dough of flour, water and shortening that may be savory or sweetened. Sweetened pastries are often described as bakers' confectionery.	90	50	Action

Showing 1 to 4 of 4 entries

Previous 1 Next

# Manage Stock Page

Stocks | Bakery Shop Manager

localhost/bsms/?page=stocks

Bakery Management System Home Products Stocks POS Sales Users Maintenance Hello Admin

### Stock List

Show 10 entries

Search:

#	Date Added	Product	Quantity	Expiry	Action
1	2022-10-04	120 Cake	6	2023-01-12	Action
2	2022-09-26	239 Pastries	50	2022-11-12	Action
3	2022-09-26	523 Bread	50	2022-11-11	Action
4	2022-09-26	235 Cookies	50	2022-11-11	Action
5	2022-09-26	120 Cake	55	2022-11-04	Action

Showing 1 to 5 of 5 entries

Previous 1 Next



# Manage User Page

Users | Bakery Shop Management System

Home Products Stocks POS Sales Users Maintenance Hello Admin

### Users List

Show 10 entries Search:

#	Name	Username	Type	Action
1	Admin	admin1	Administrator	Action
2	jay	jay	Cashier	Action

Showing 1 to 2 of 2 entries Previous 1 Next

Add New

# Sales Report Page

Salesreport | Bakery Shop Management System

Home Products Stocks POS Sales Users Maintenance Hello Admin

### Sales Report

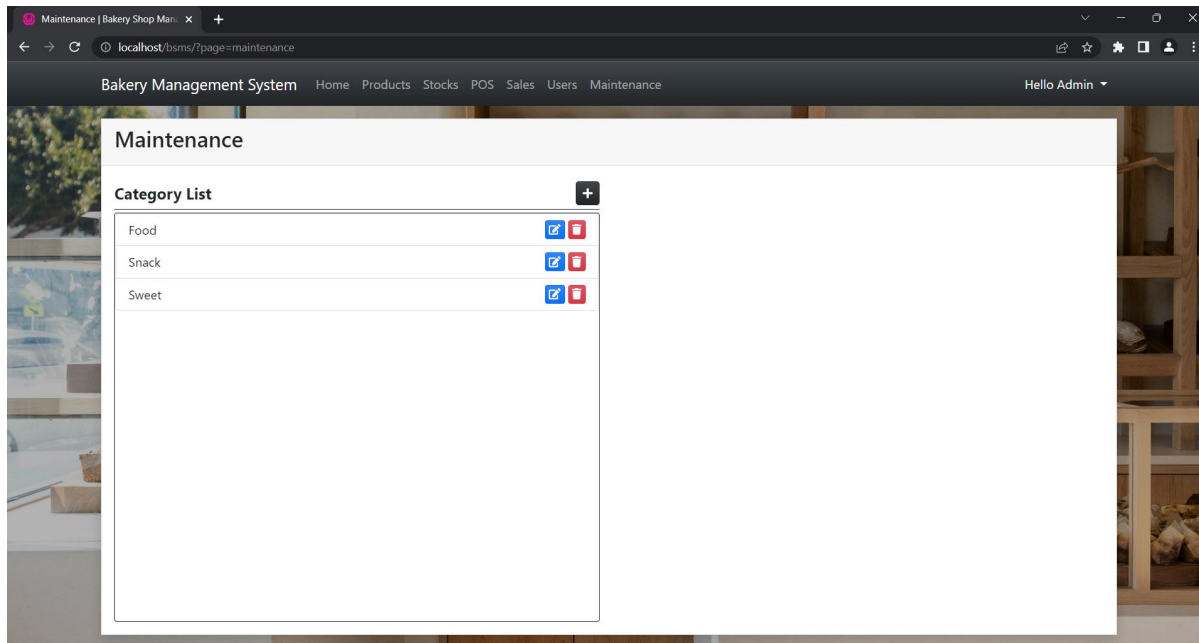
Filter

Date From 27-09-2022 Date To 04-10-2022 Filter Print

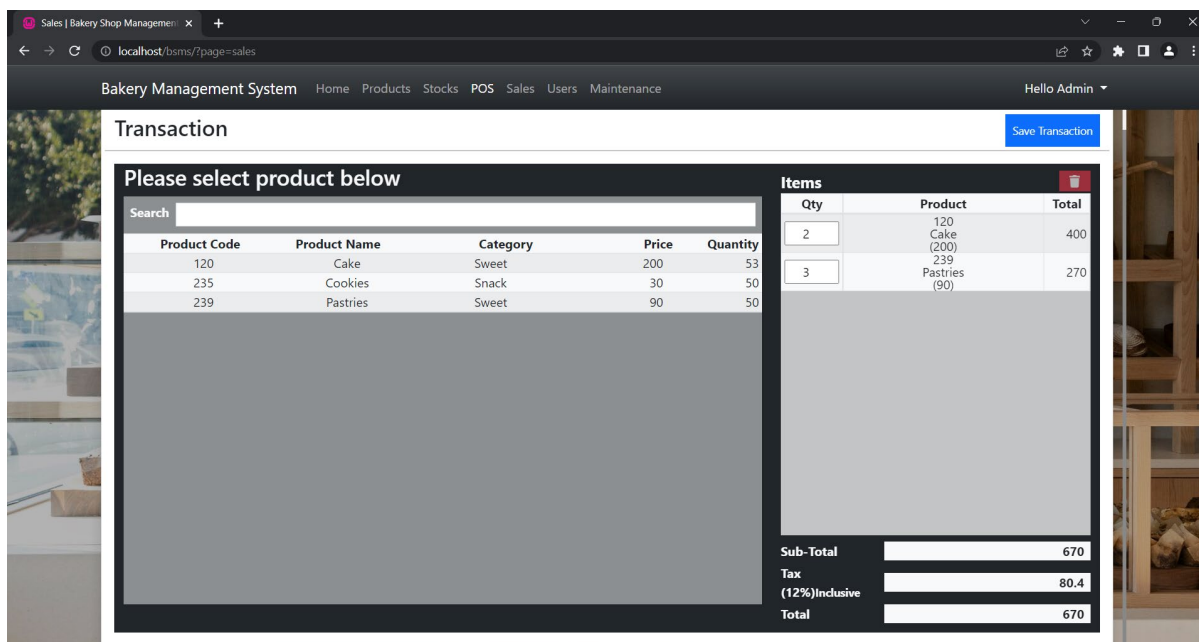
#	Date	Receipt No	Items	Total Amount	Processed By
1	2022-09-30	1664530086	1	600	Admin



# Manage Category



# Generate Bill Page



## 6.REFERENCES

Reference Detail	
Book:	Software Engineering-A-Practitioners Approach Pressman 5 <sup>Th</sup> -Ed -McGraw Hill
Code:	<a href="https://www.php.net/manual/en/">https://www.php.net/manual/en/</a> <a href="https://www.w3schools.com/php/">https://www.w3schools.com/php/</a>
Diagrams	<a href="https://smartdraw.com/">https://smartdraw.com/</a>
Documentation:	Ms Word