

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



## PROJECT REPORT

*BACHELOR OF COMPUTER APPLICATION*

(B.C.A)

SEM : V

YEAR: 2022 - 2023

### **Online Bakery Management System**

GUIDED BY:

SUBMITTED BY:

**MISS. MOHINI PATEL**

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



# 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 2012 - 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)

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# 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:

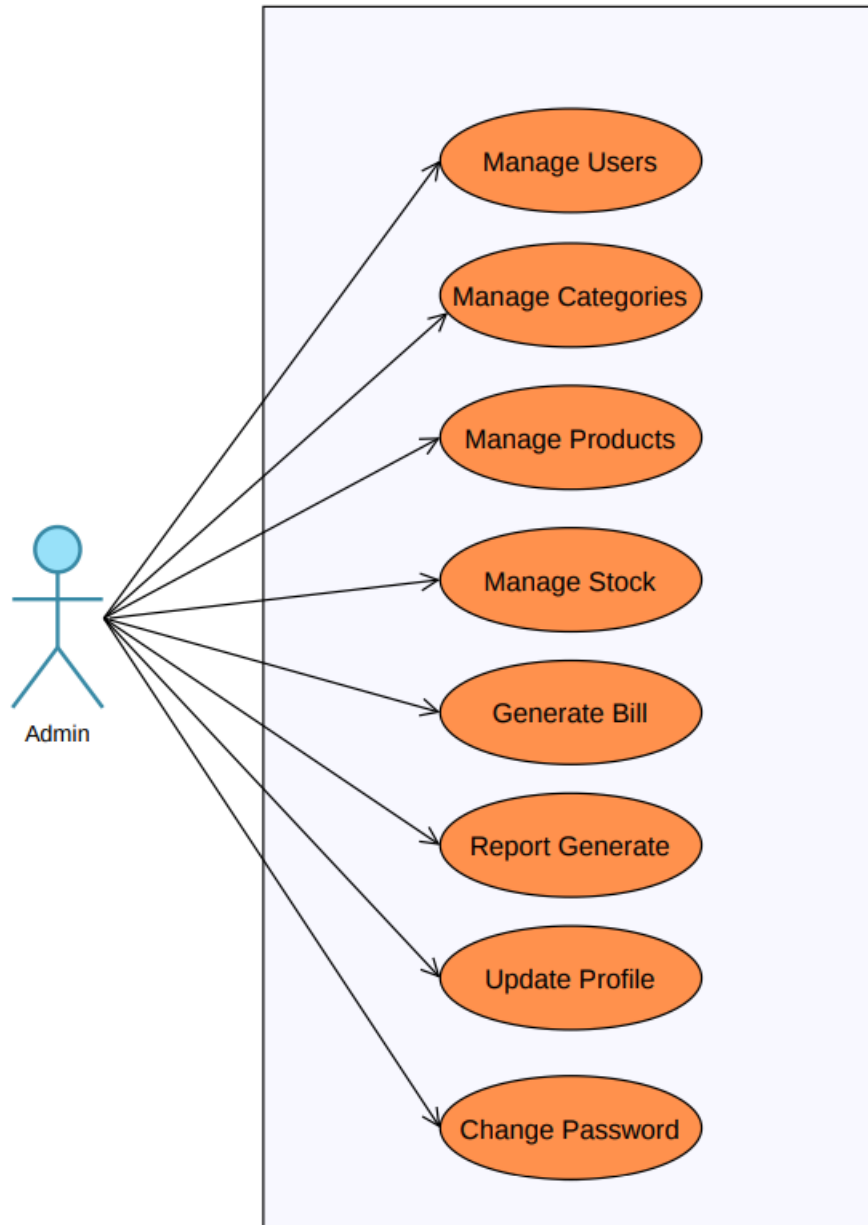
Project Title:	Online Bakery Management System
Frontend:	HTML,PHP,CSS
Backend:	MYSQL
Editors:	VS Code, Notepad++
Submitted To:	Mohini Patel

## 1.3:Objectives:

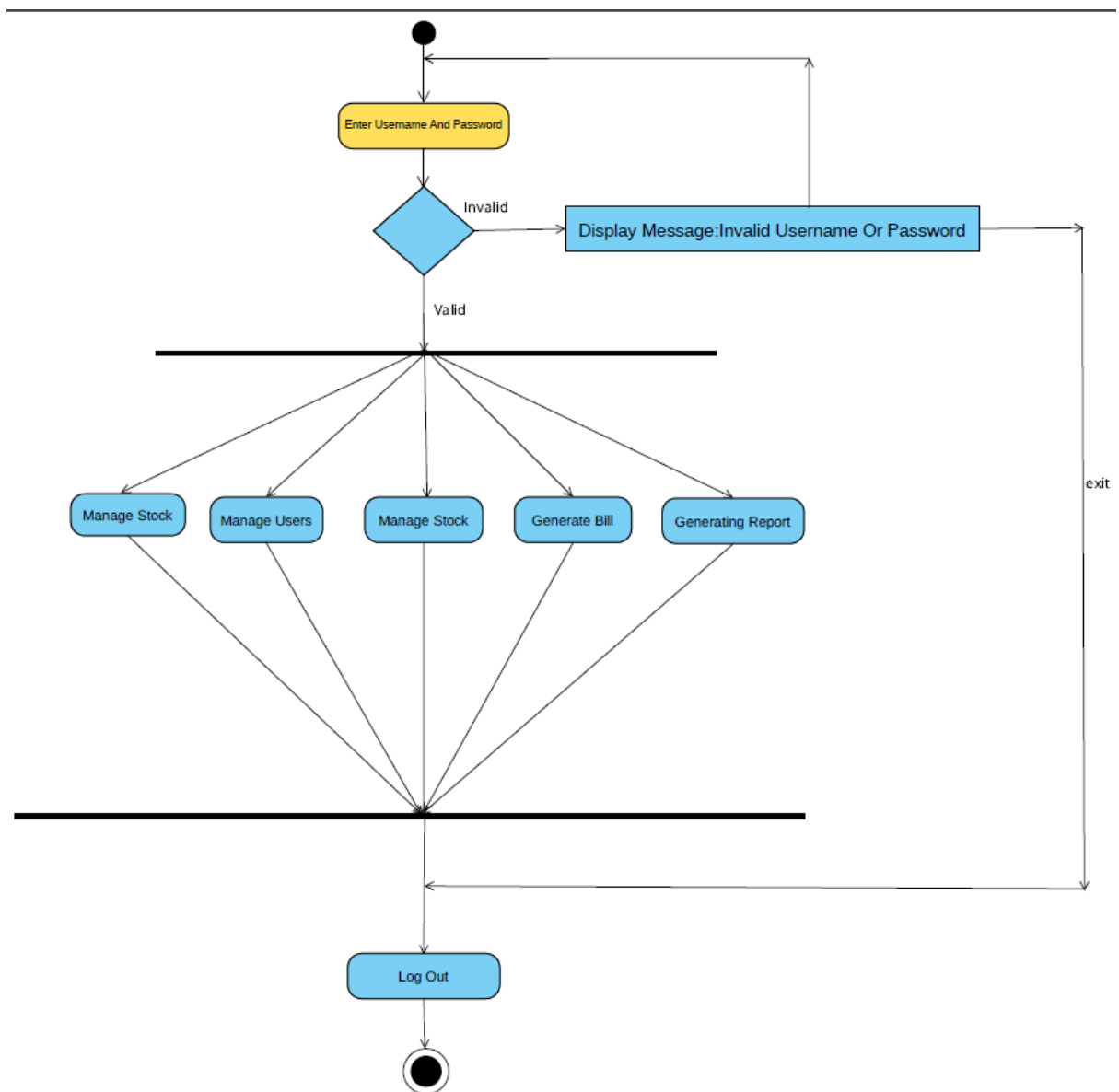
- Online Bakery Management System is Designed To manage activities related to daily Sales, Stock manage, product manage.
- It become through for Bakery owner to manage all Bakery work Manually.
- To reduce manual work, A Bakery Management System can help to make day-to-day Bakery related activities easier.
- You also track total selling of a specific time period, last week or a present day.
- Through this System it's Possible to see the old invoices and product within a Second.

## 2.SYSTEM DESIGN

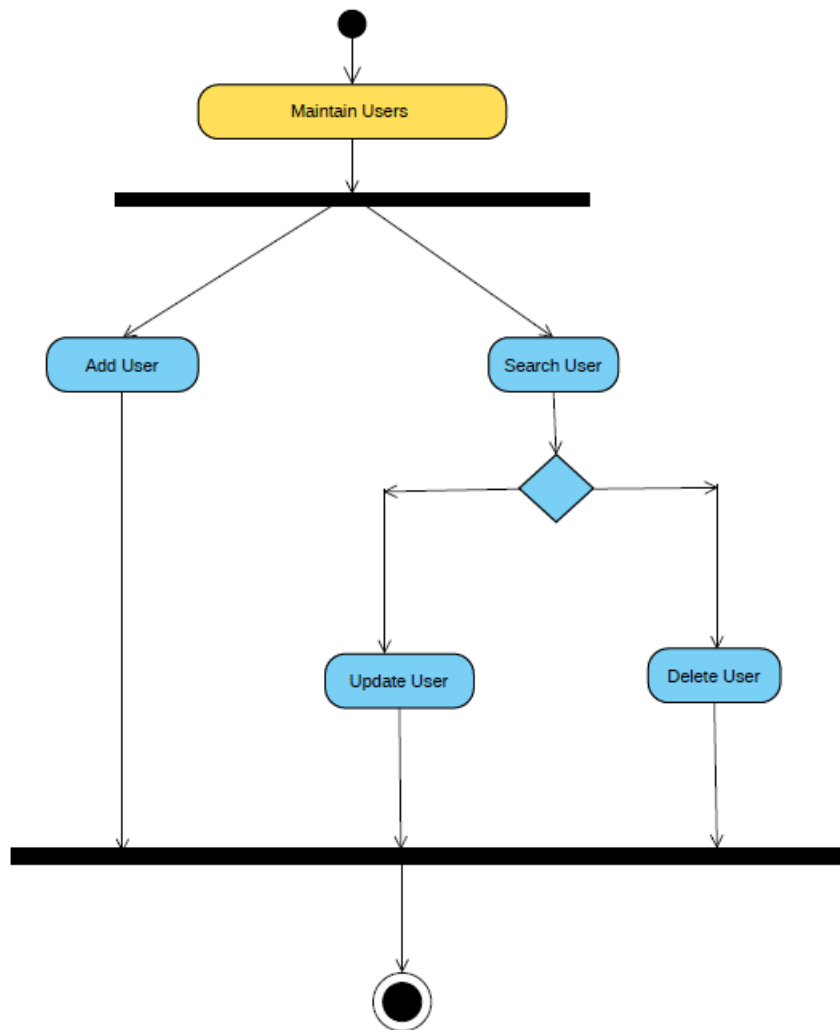
### 2.1:UseCase Design



## 2.2: Activity Diagram Of BMS

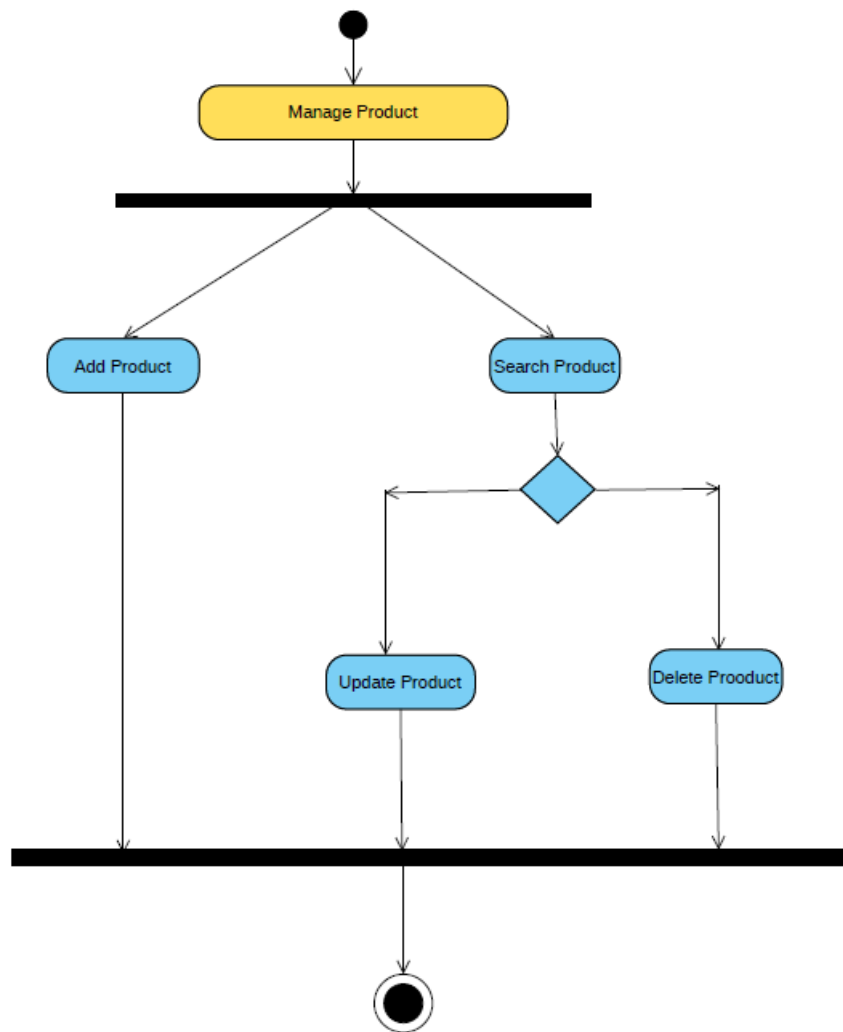


## Maintain Users:

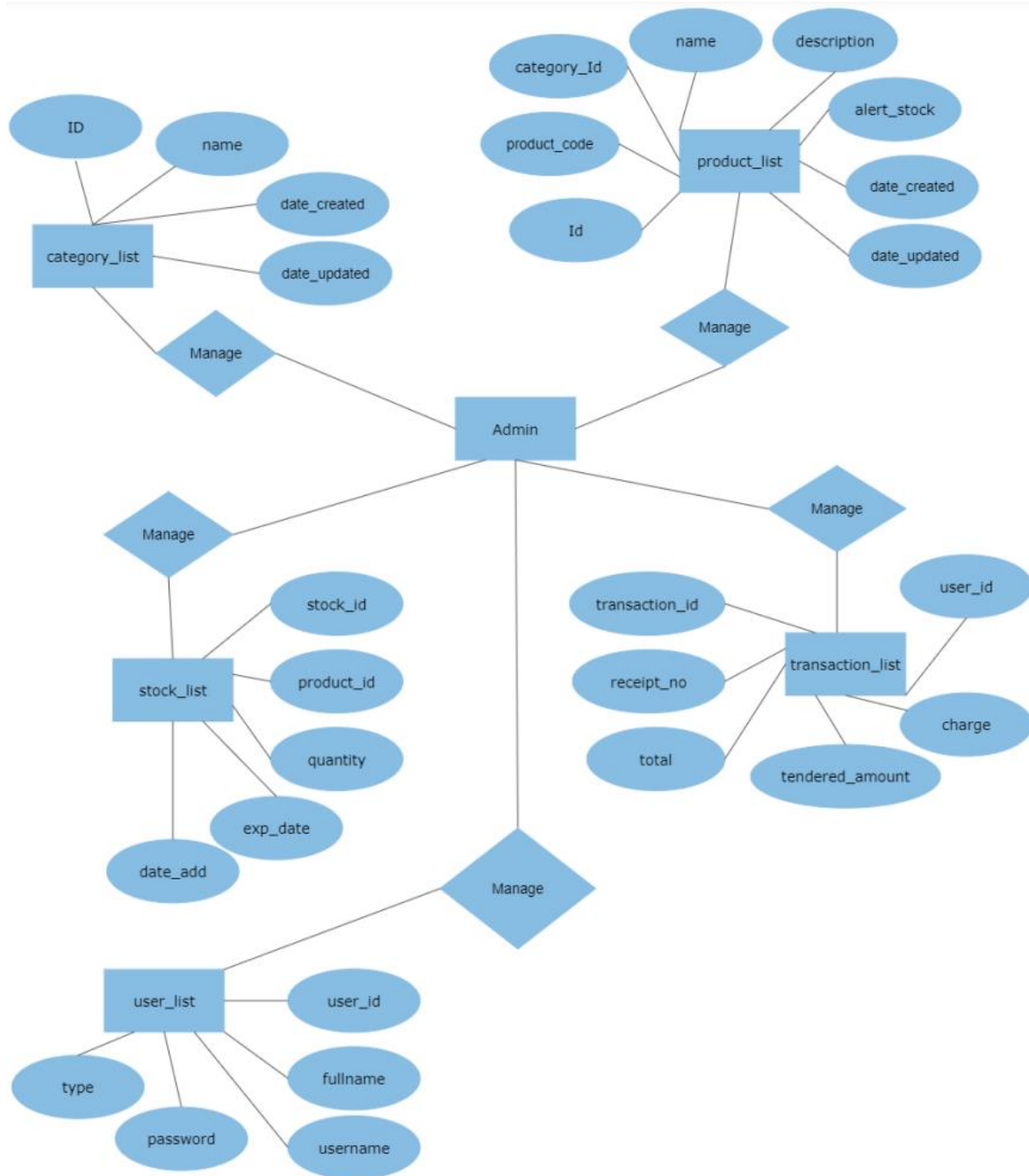




## Manage Product:



## 2.3 Activity Diagram:



### 3.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

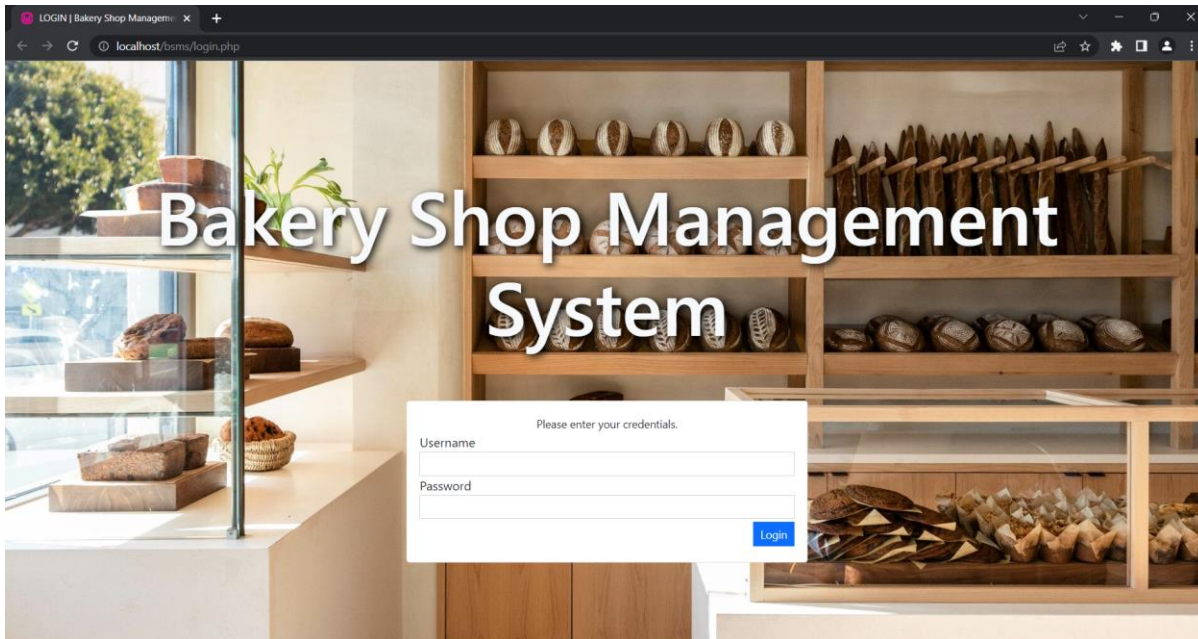
No	Field Name	Datatype
1	product_id(PK)	Int(30)
2	product_code	text
3	category_id(FK)	Int(30)
4	name	text
5	description	text
6	price	double
7	alert_restock	double
8	date_created	datetime
9	date_updated	current timestamp

#### 5.Transaction\_list

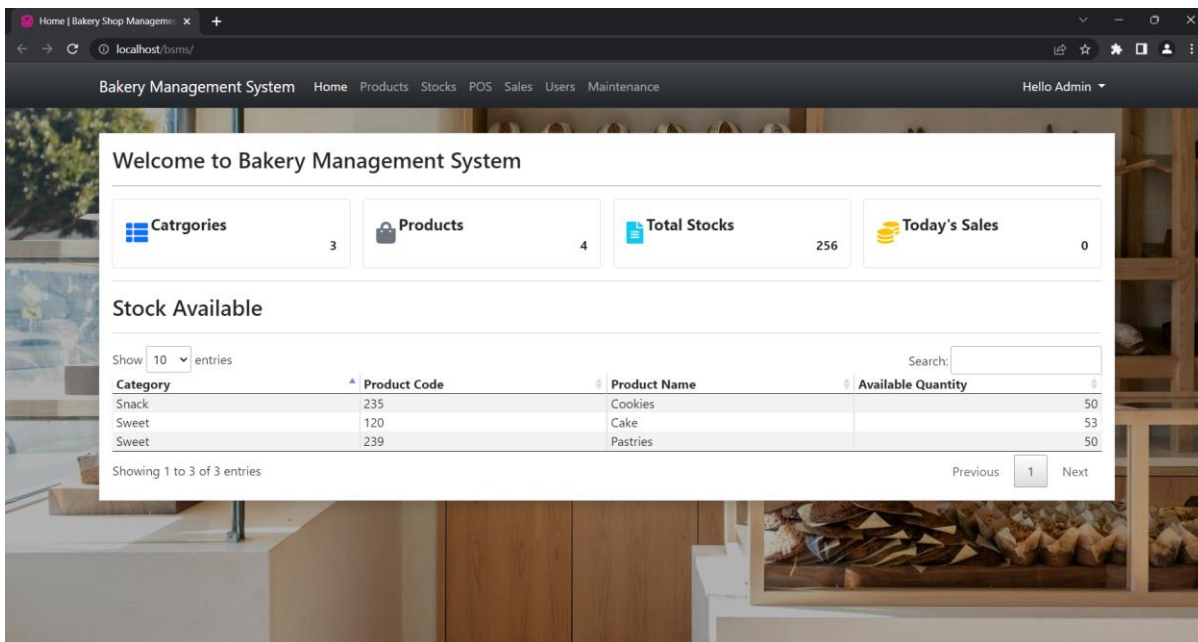
No	Field Name	Datatype
1	transaction_id(PK)	Int(30)
2	receipt_no	text
3	total	double
4	tendered_amount	double
5	change	double
6	user_id(FK)	Int(30)
7	date_added	timestamp

## 4.INTERFACE DESIGN

### Login Page:



### Main Page:



# Admin Profile

The screenshot shows a web browser window with the URL `localhost:bsms/?page=manage_account`. The page title is "Bakery Management System". A modal form titled "Manage Account" is displayed over a background image of a bakery interior. The form contains the following fields:

- Full Name:
- Username:
- New Password:
- Old Password:

Below the fields is a note: "Leave the New Password field blank if you don't want update your password." and an "Update" button.

# Add Product Page

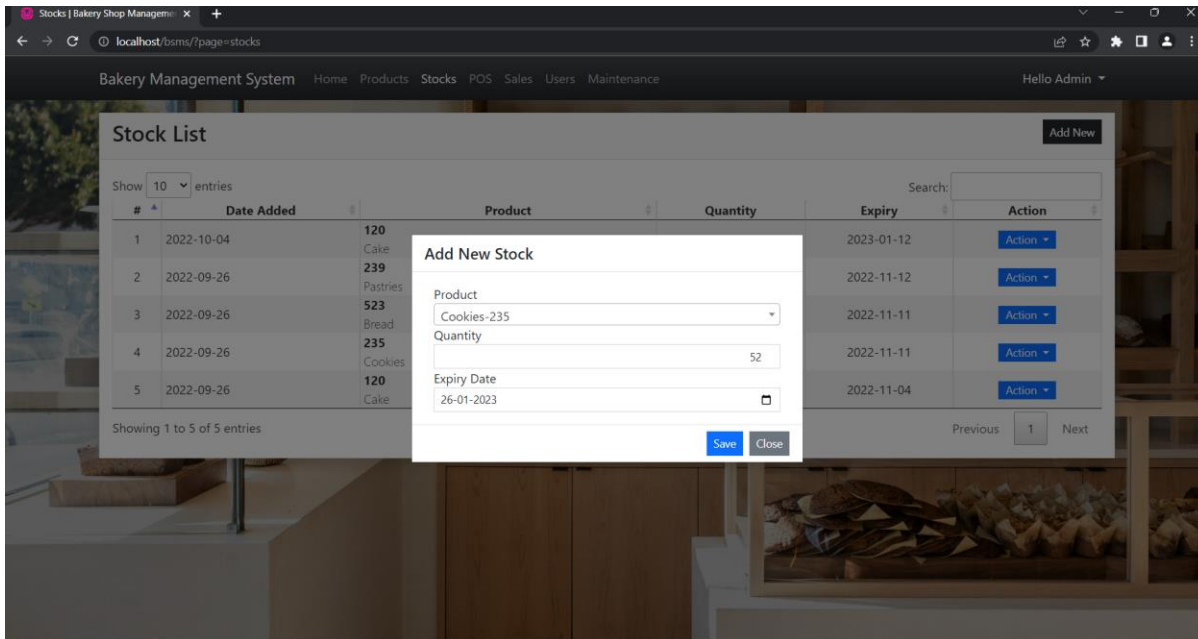
The screenshot shows a web browser window with the URL `localhost:bsms/?page=products`. The page title is "Bakery Management System". A modal form titled "Add New Product" is displayed over a background image of a bakery interior. The form contains the following fields:

- Code:
- Description:
- Category:
- Name:
- Price:
- QTY Alert for Restock:

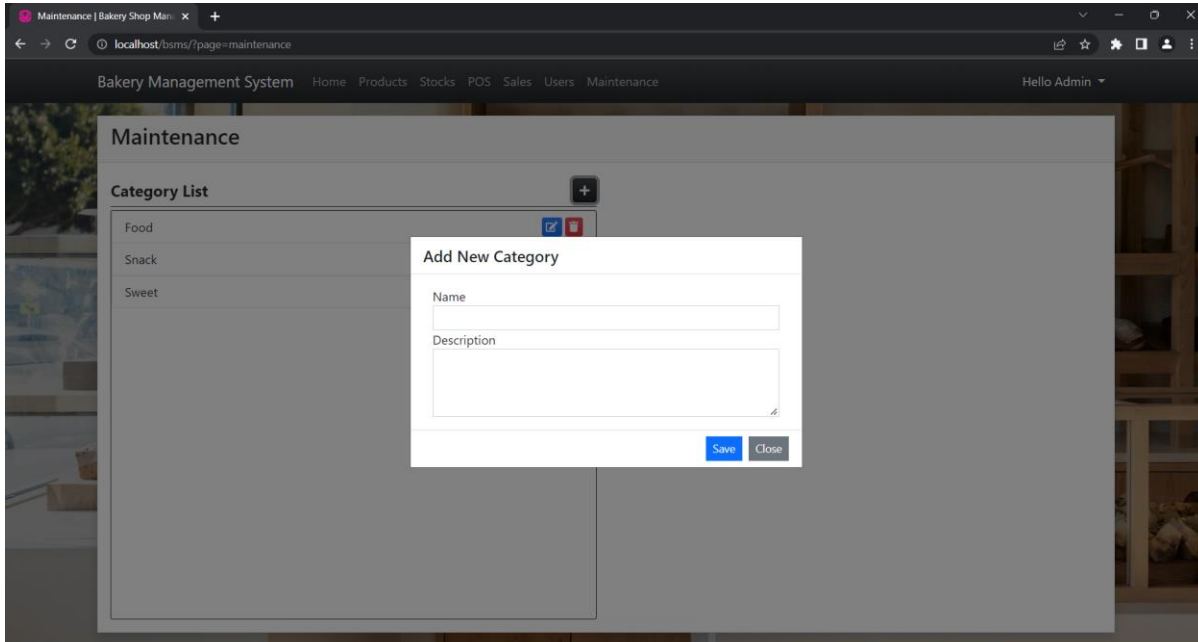
Below the fields are "Save" and "Close" buttons. In the background, a "Product List" table is visible with columns: #, Code, Name, Price, and Action. The table contains 4 entries.

#	Code	Name	Price	Action
1	523	Food	50	Action
2	120	Sweet	50	Action
3	235	Snack	40	Action
4	239	Sweet	50	Action

## Add Stock Page

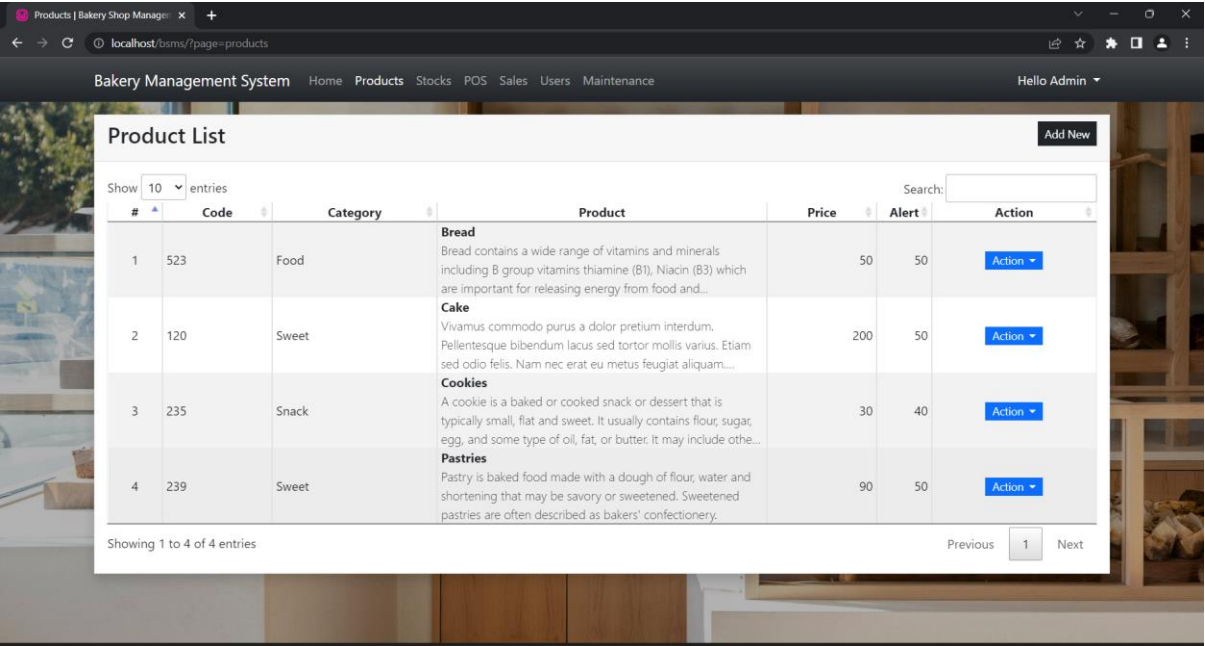


## Add Category Page

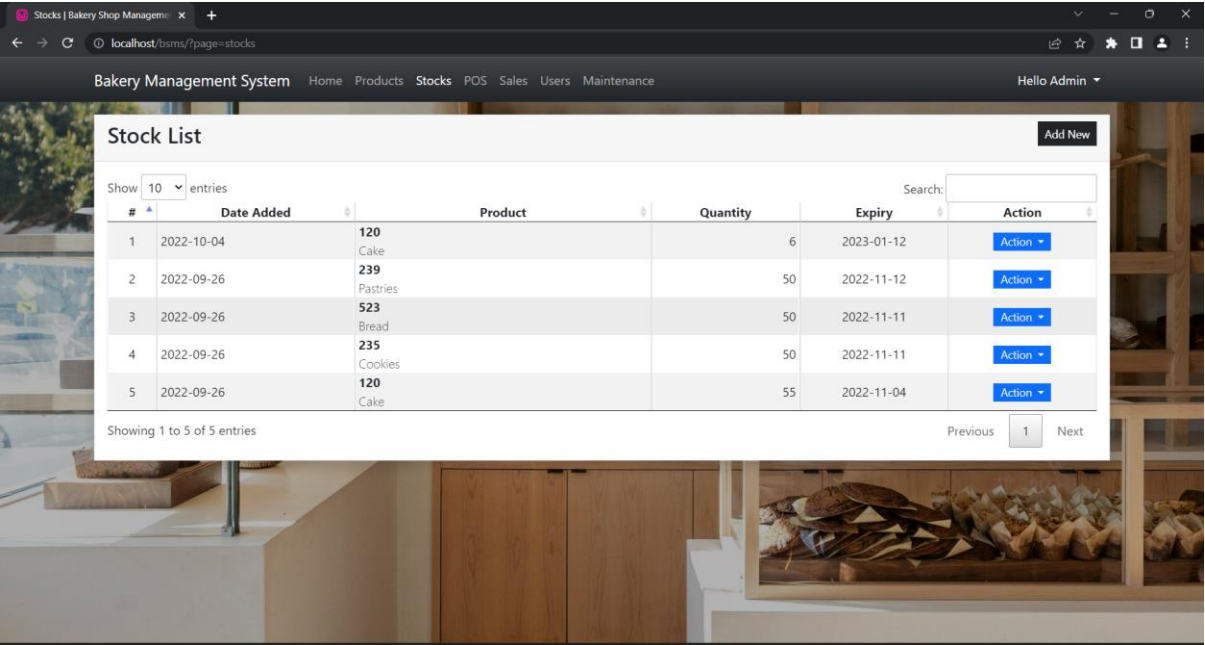




# Manage Product Page



# Manage Stock Page





# Manage User Page

Users | Bakery Shop Management System

Bakery 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

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

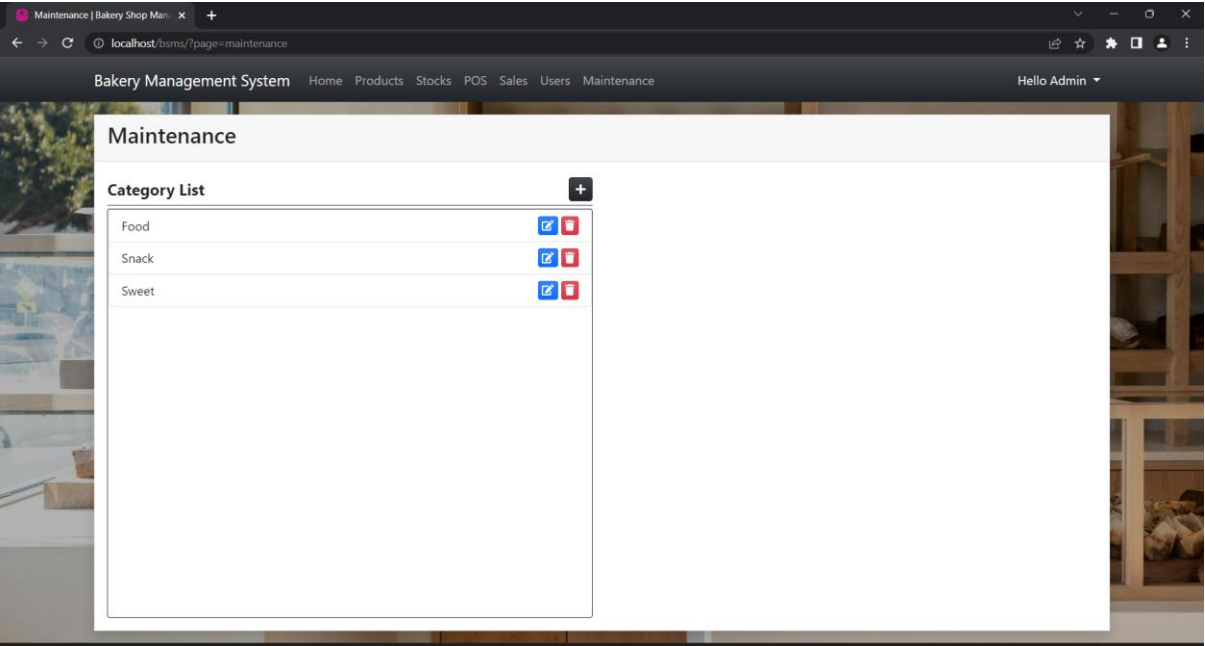
### Sales Report

Filter

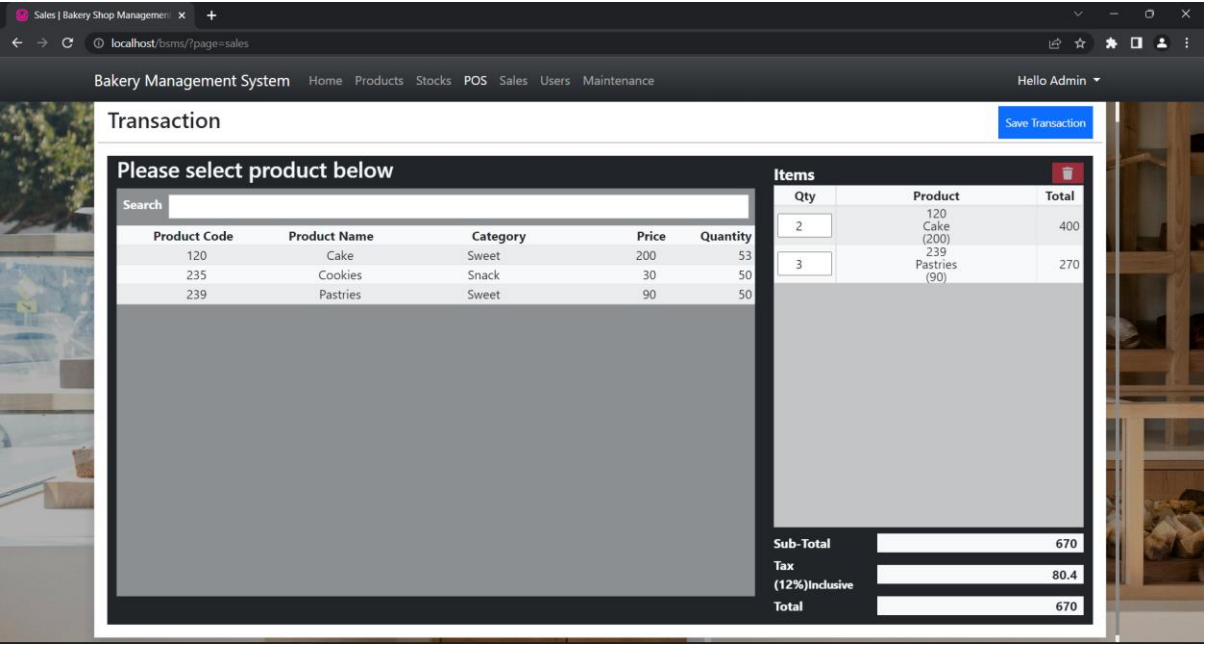
Date From 27-09-2022 Date To 04-10-2022 Filter Print

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

# Manage Category



# Generate Bill Page



## 5.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