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:

MISS. MOHINI PATEL

SUBMITTED BY:

Mr. JAY H PATEL

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* ***5th 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_2022-23_

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:

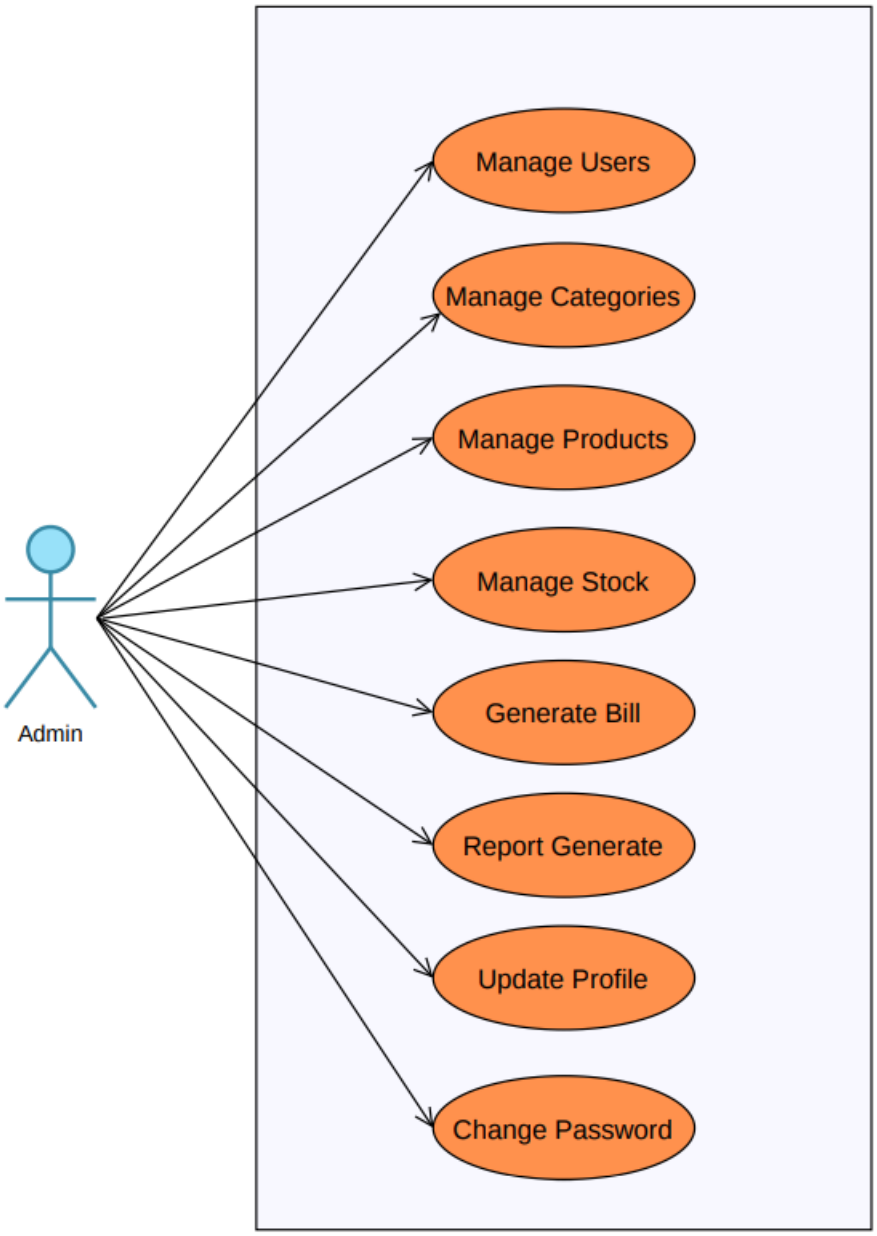
Project Title:	Online Bakery Management System
Frontend:	HTML,PHP,CSS
Backend:	MYSQL
Editors:	VS Code, Notepad++
Submitted To:	Mohini Patel

1.3:Objectives:

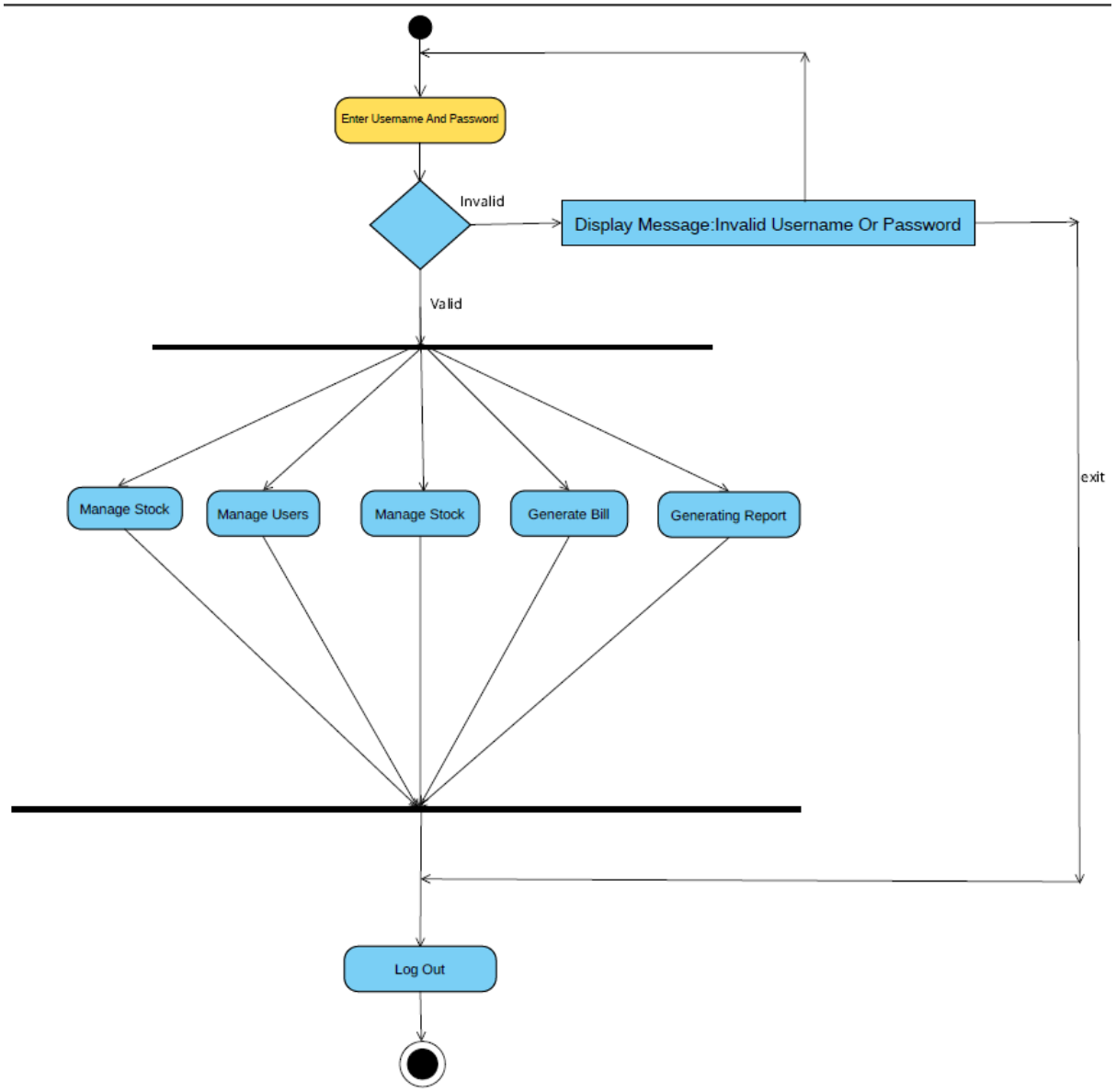
- Online Bakery Management System is Designed To manage activities related to daily Sales, Stock manage, product manage.
- It become through for Bakery owner to manage all Bakery work Manually.
- To reduce manual work, A Bakery Management System can help to make day-to-day Bakery related activities easier.
- 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

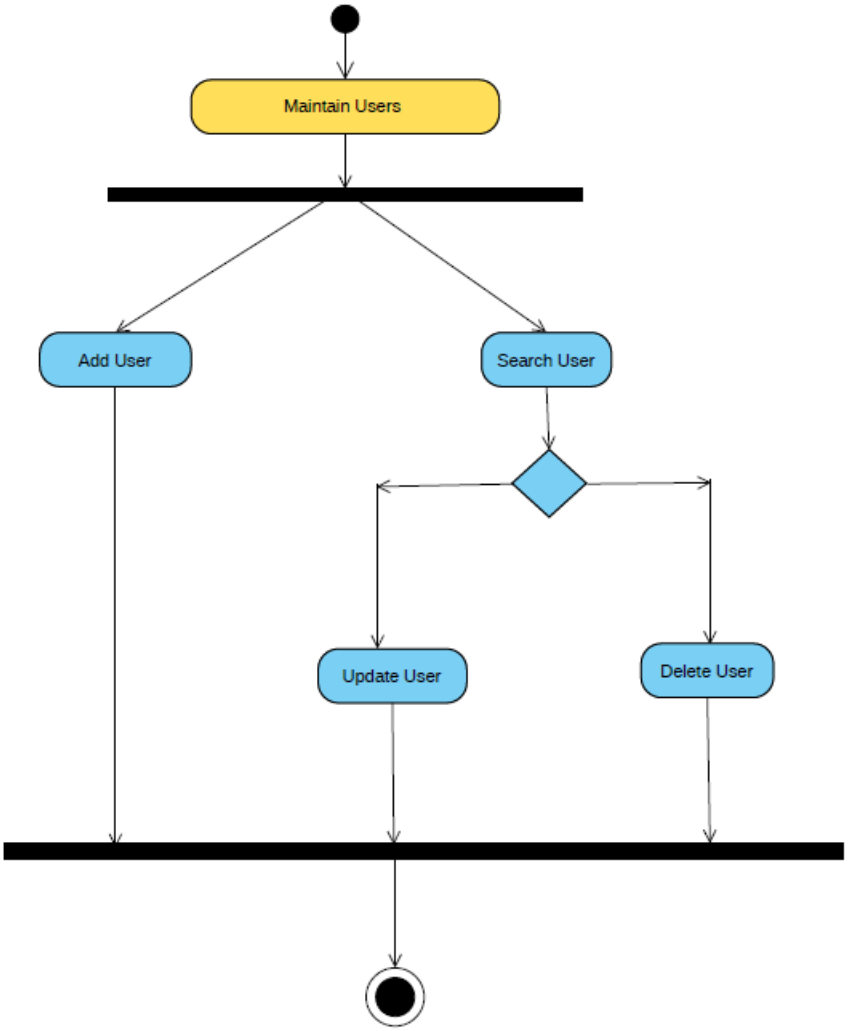
2.1:UseCase Design



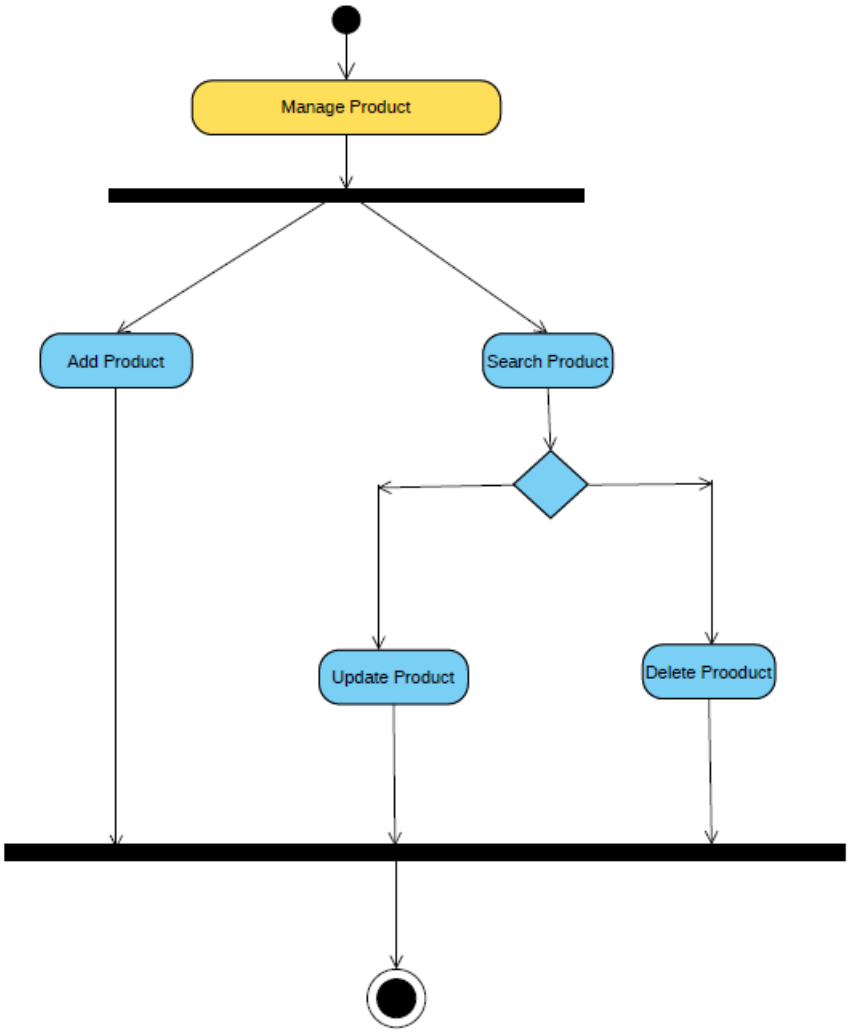
2.2: Activity Diagram Of BMS



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

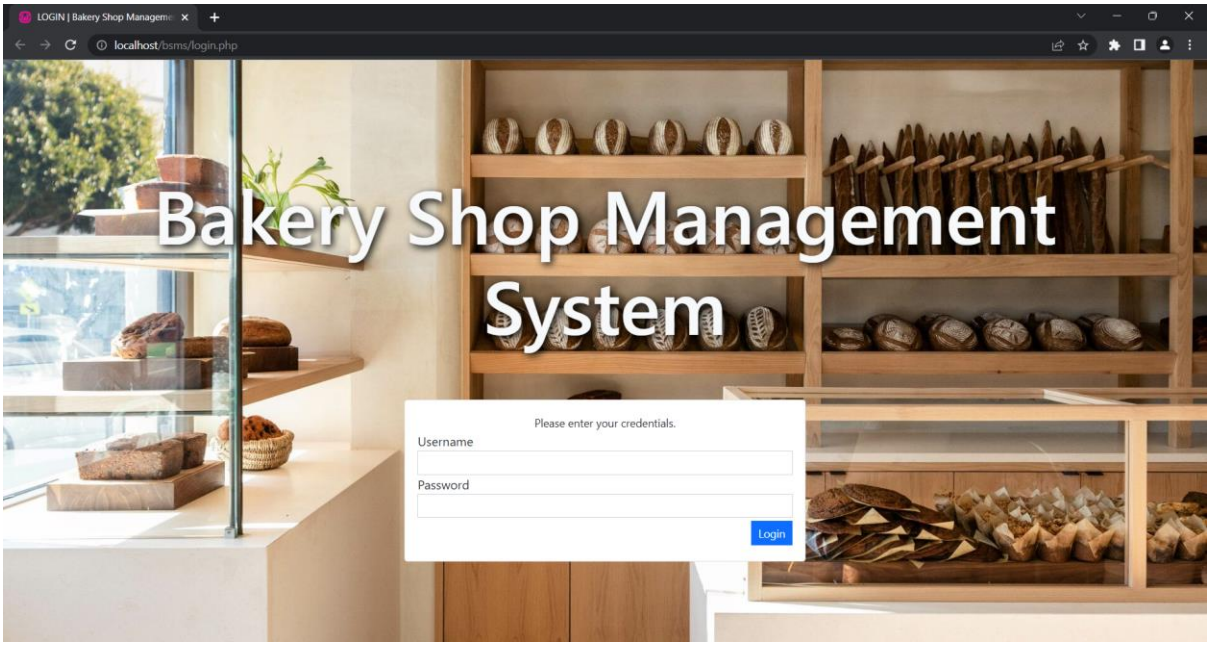
No	Field Name	Datatype
1	product_id(PK)	Int(30)
2	product_code	text
3	category_id(FK)	Int(30)
4	name	text
5	description	text
6	price	double
7	alert_restock	double
8	date_created	datetime
9	date_updated	current timestamp

5.Transaction_list

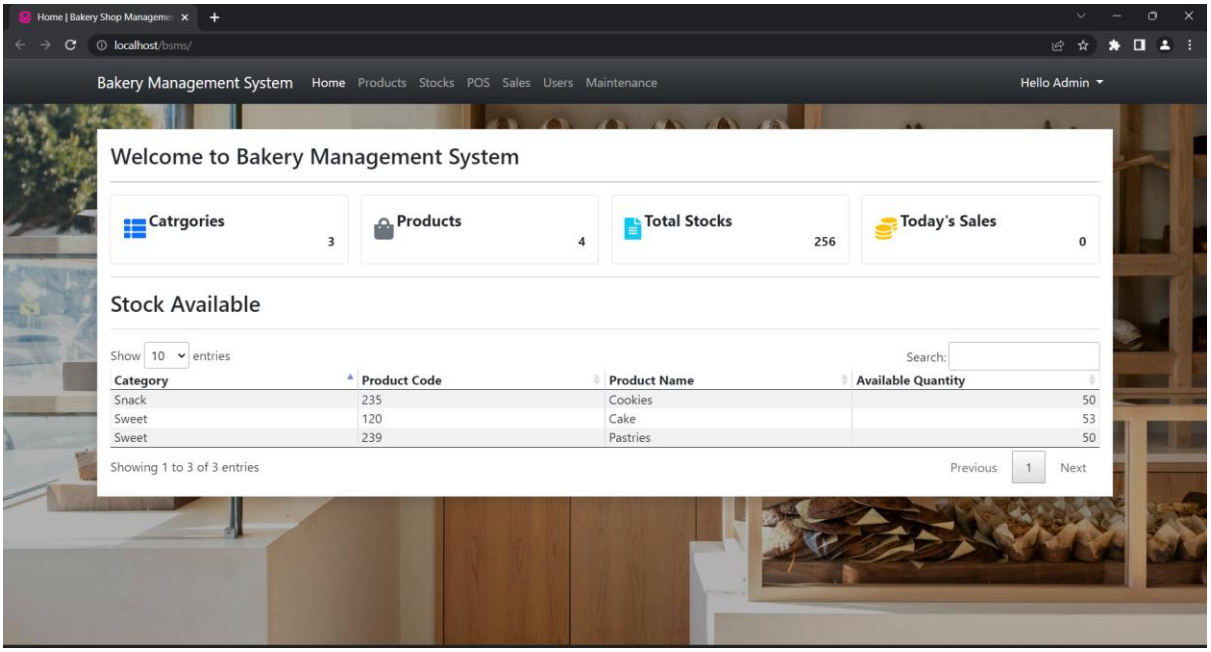
No	Field Name	Datatype
1	transaction_id(PK)	Int(30)
2	receipt_no	text
3	total	double
4	tendered_amount	double
5	change	double
6	user_id(FK)	Int(30)
7	date_added	timestamp

4.Interface Design

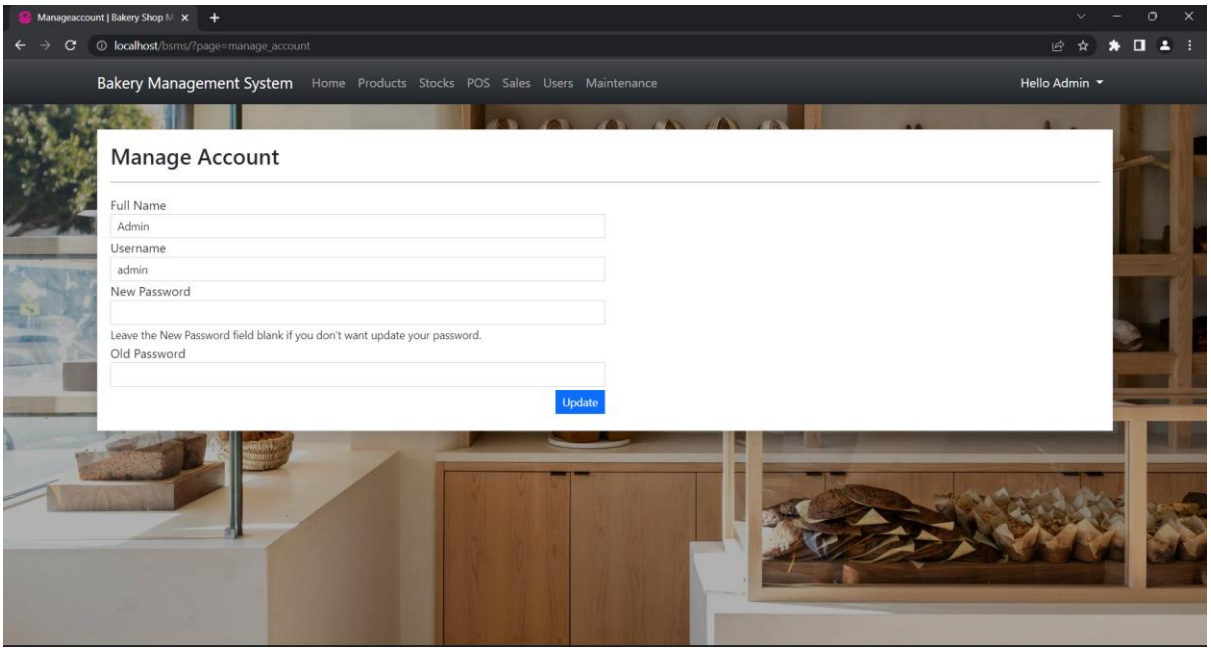
Login Page:



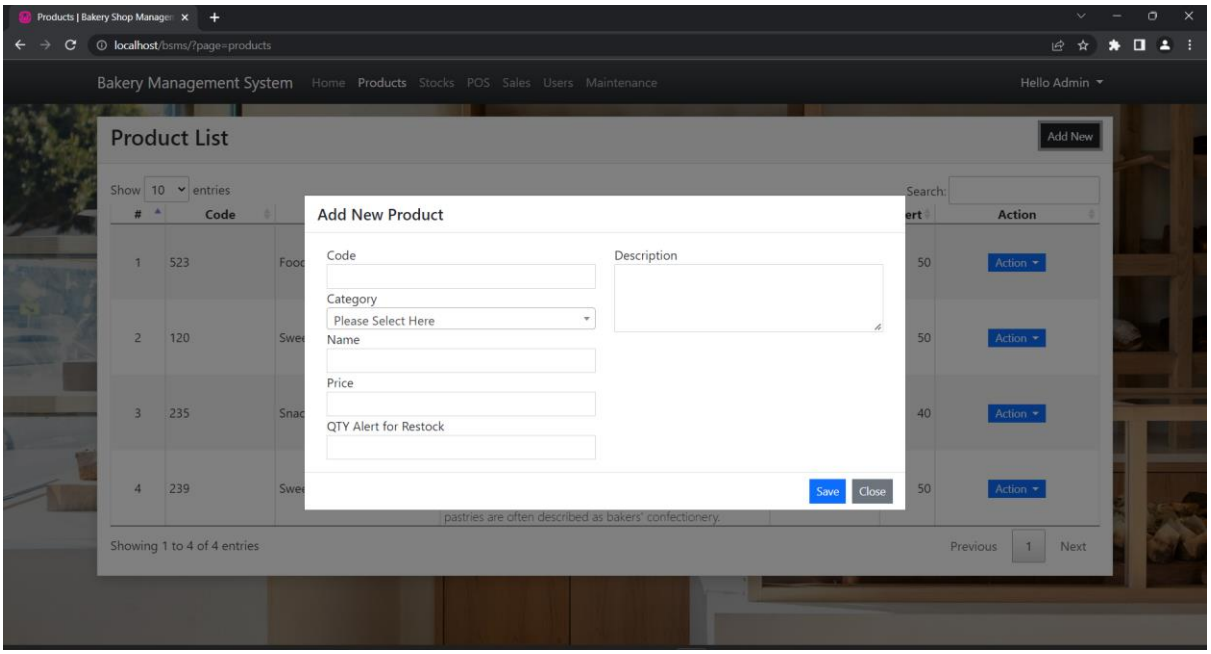
Main Page:



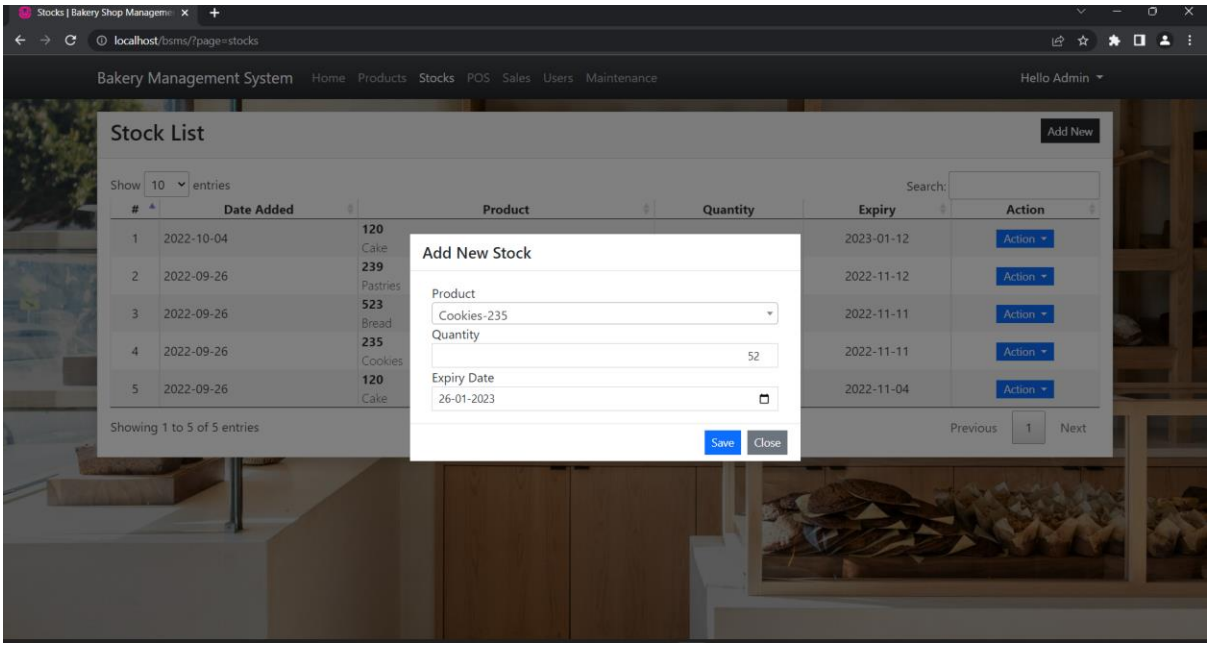
Admin Profile



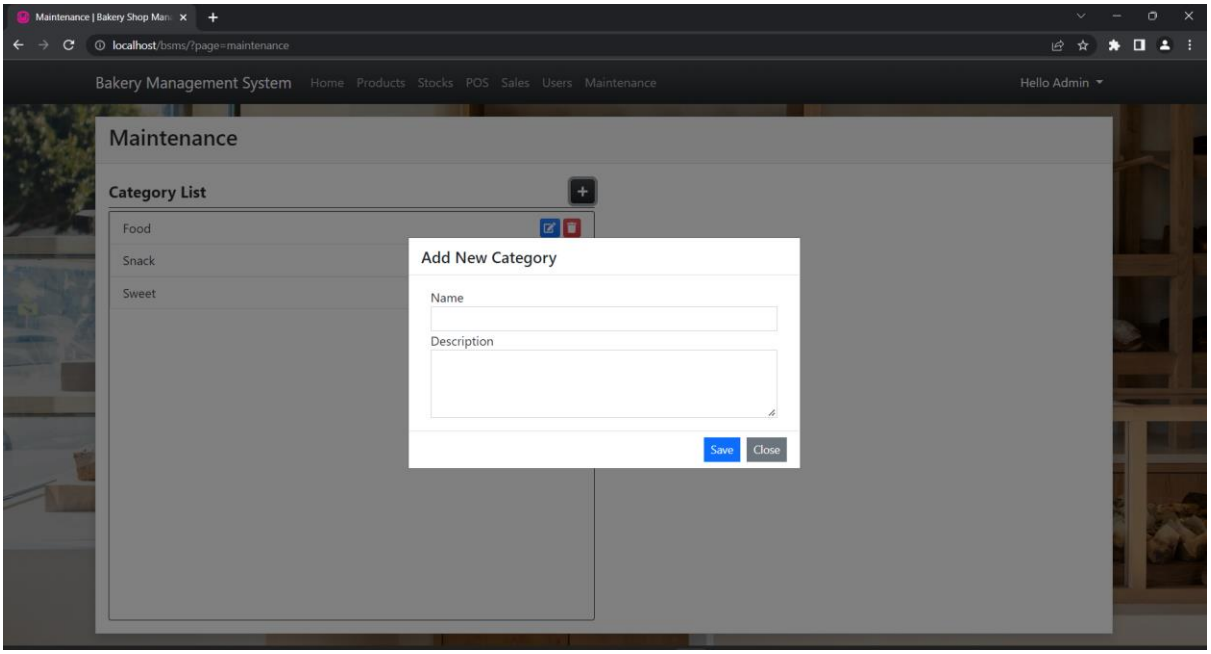
Add Product Page



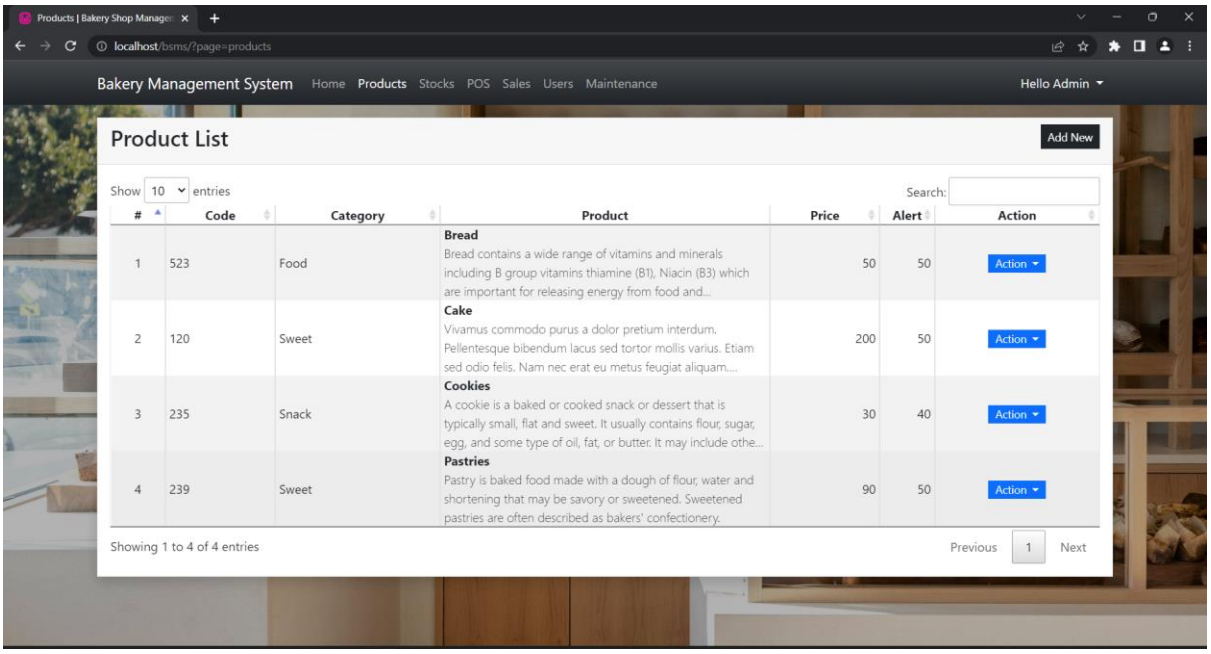
Add Stock Page



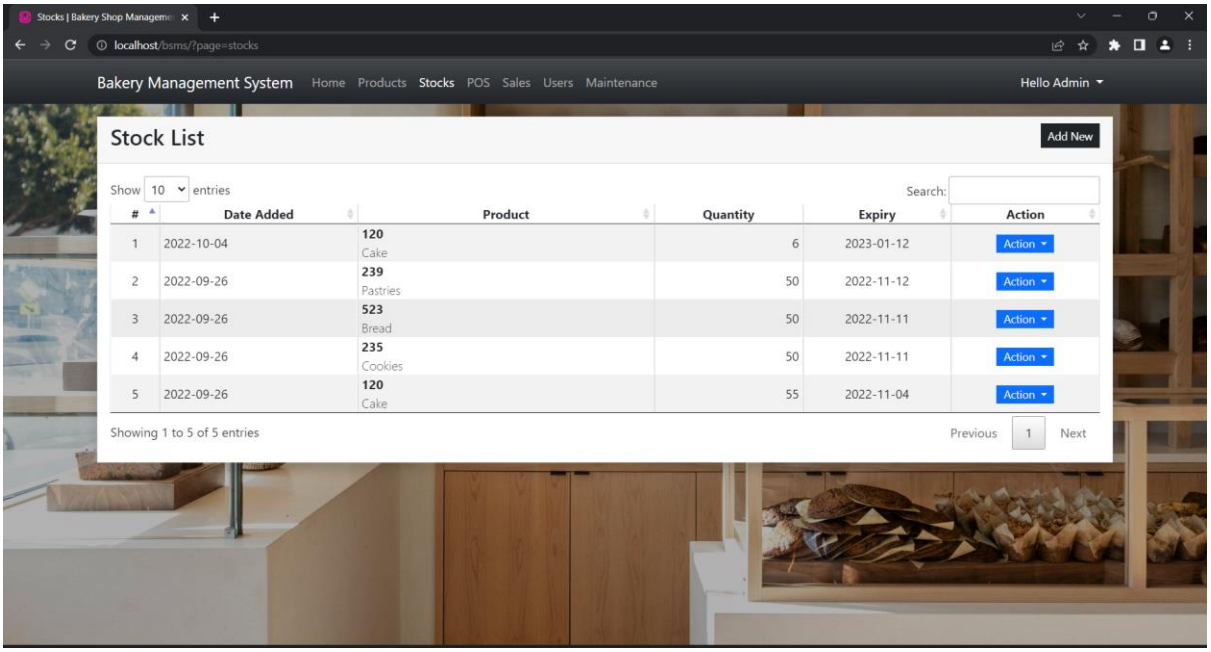
Add Category Page



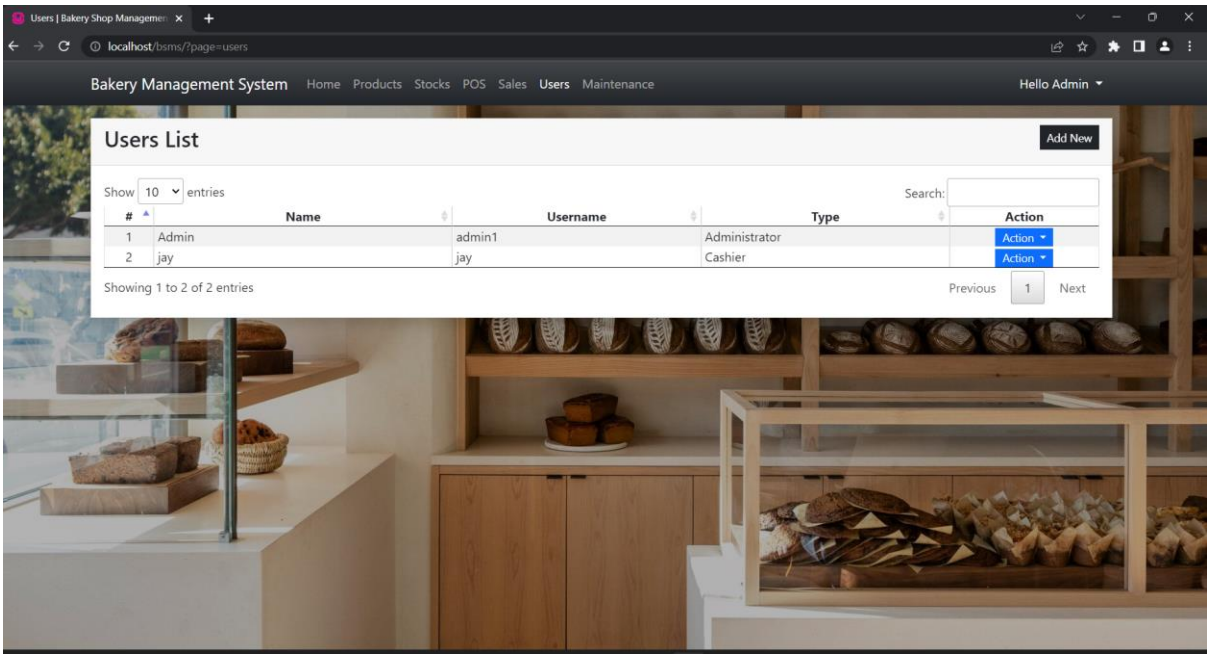
Manage Product Page



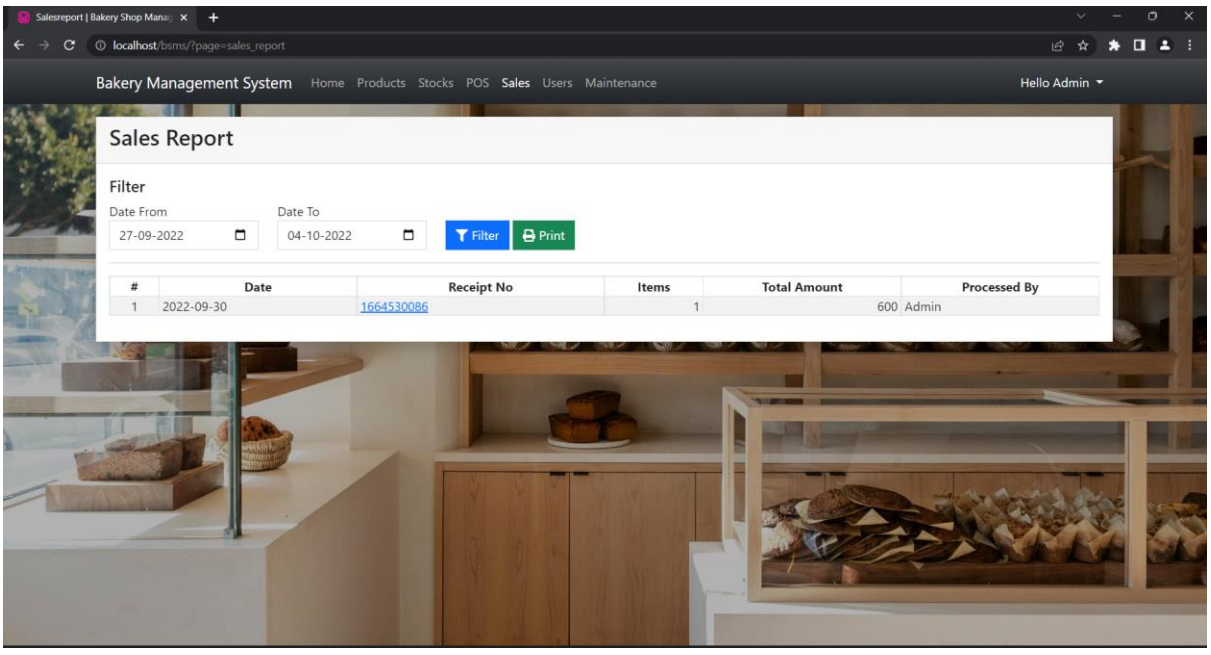
Manage Stock Page



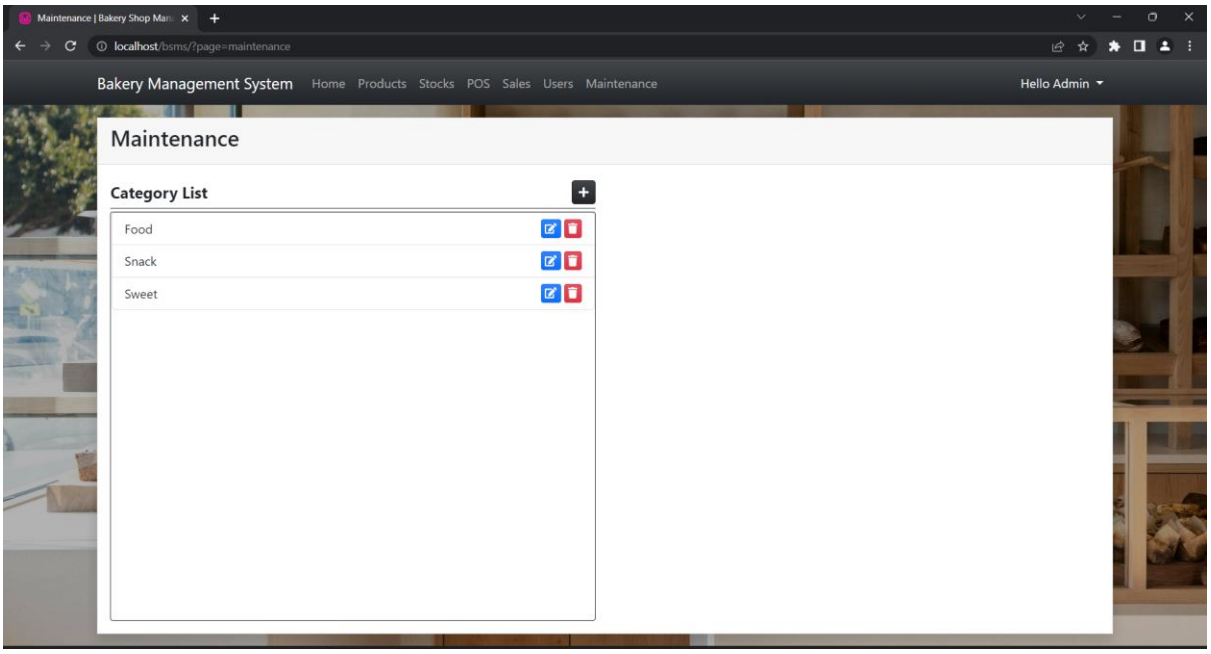
Manage User Page



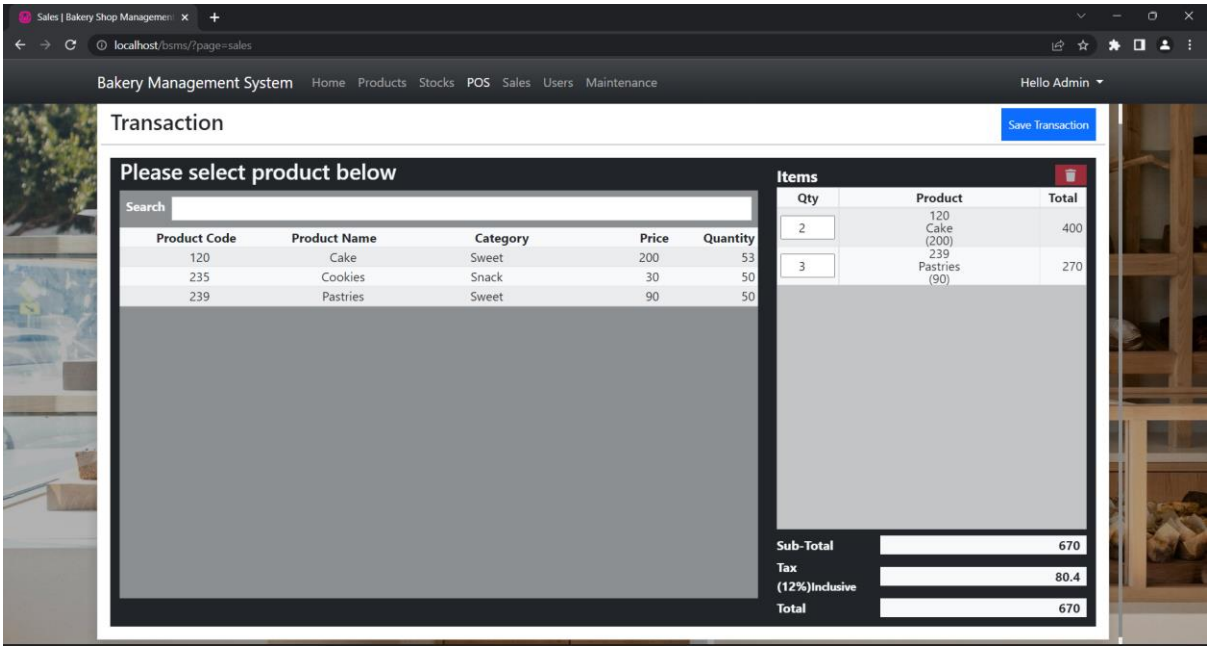
Sales Report Page



Manage Category



Generate Bill Page



5.References

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