



SALES MANAGEMENT SYSTEM

IN THE FUTURE TECHNOLOGY IS DEVELOPING VERY FAST



Login

Login

Username

Password

Sign in

SALES & INVENTORY MANAGEMENT SYSTEM

Encouraging the growth of creative industries

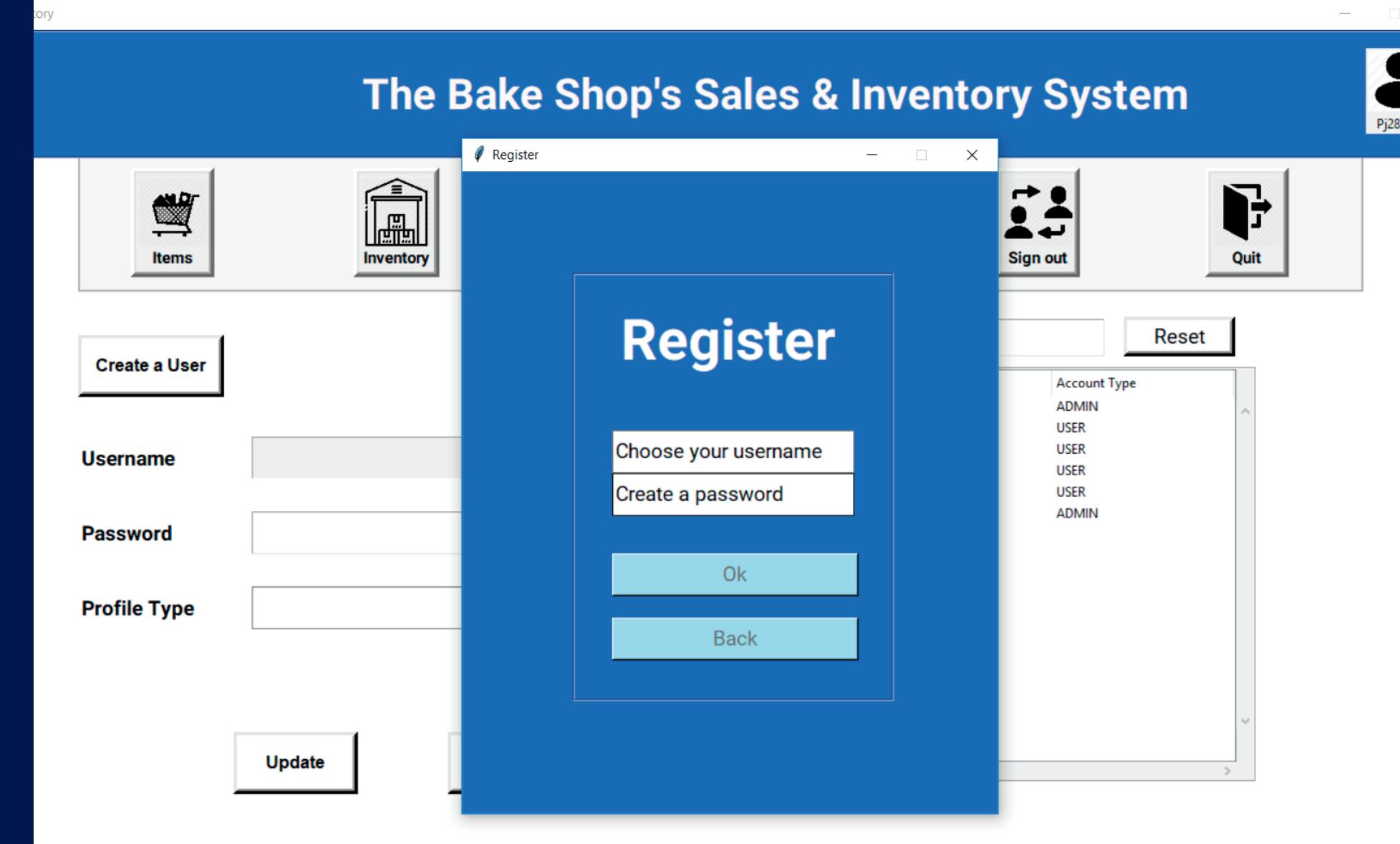
SCOPE:

The purpose of the whole project is to create a system for an organization that will manage their sales and inventory records. The scope of the project is to give a simple and attractive application to simplify the work of administrators and employees of the organization.

MAIN WINDOW

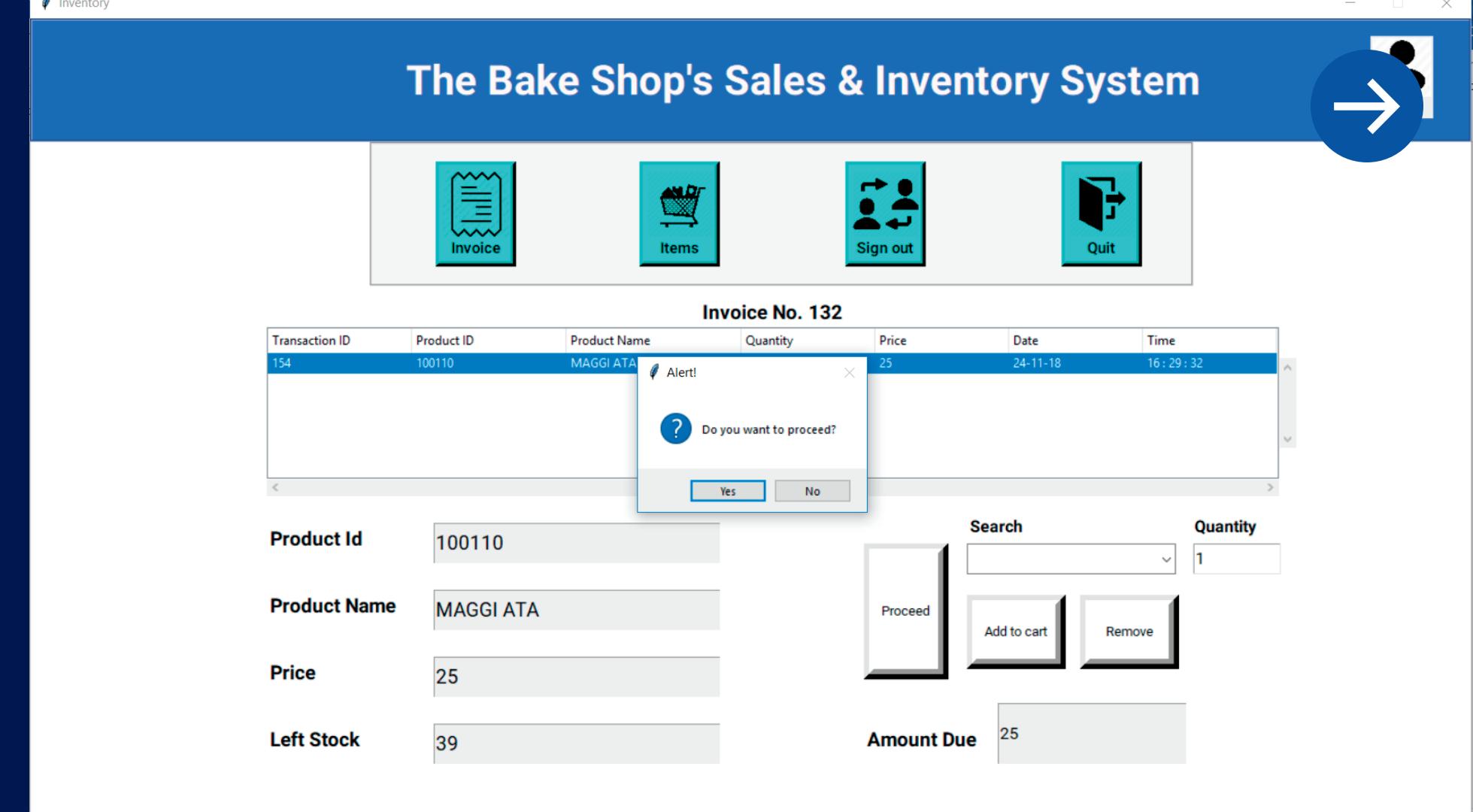
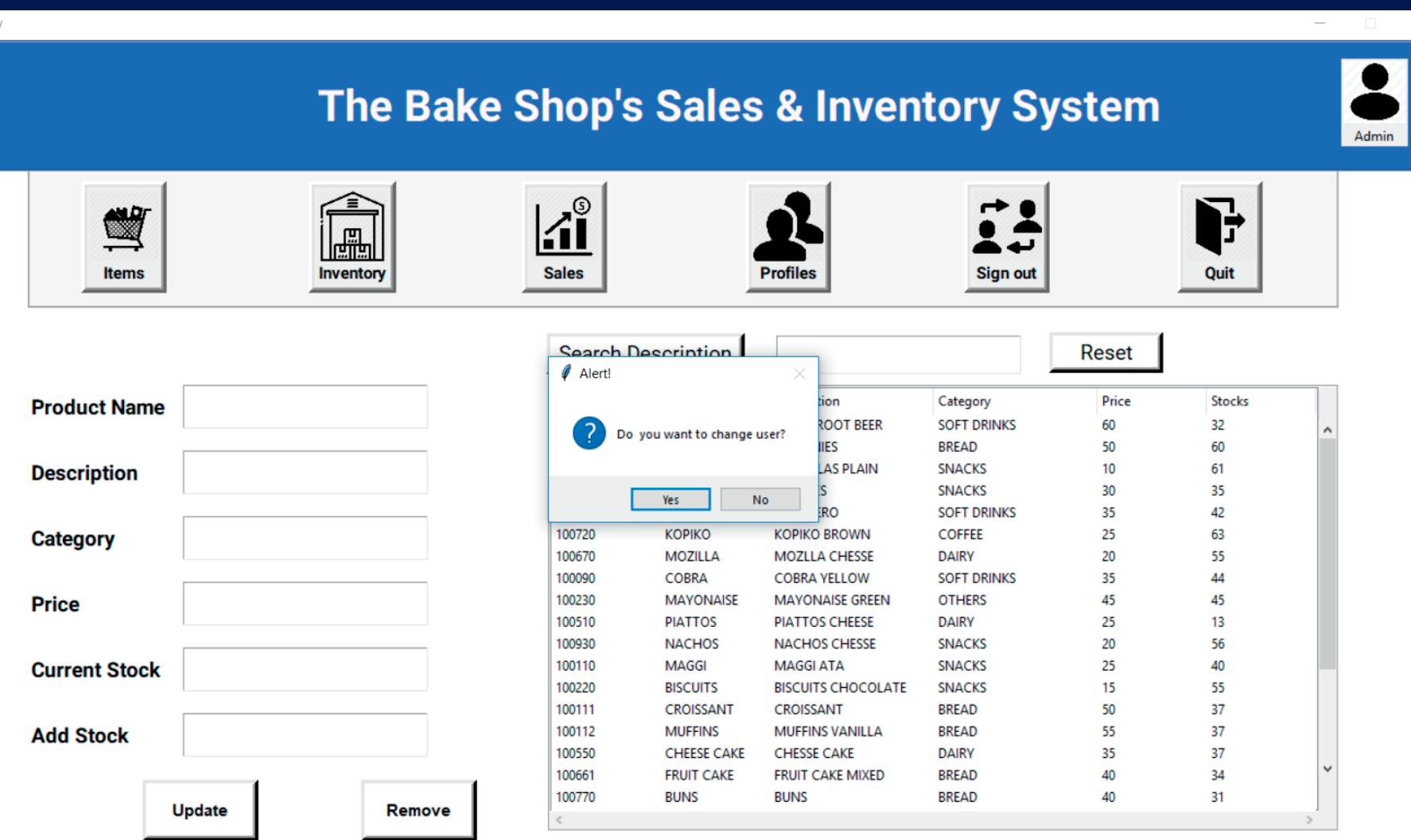
REAL LIFE USAGE

This project is affiliated to a bakery. It will maintain bakery's sales and inventory's record. It will enable bakery's administrators and employees to maintain their record more efficiently and easily.



IMPLEMENTATION

Project's GUI is implemented using Python module Tkinter which has a Database at backend to maintain all records of the bakery. Project is implemented by using OOP Paradigm.



Database is implemented by a Python module Sqlite3. It is a SQL based database.

RELATIONAL DATA BASE DESIGN



Login

- Username (Primary key)
- Password (Not Null)



Products

- Product id (Primary key)
- Product name (Not Null)



Sales

- Transaction id (Primary key)
- Invoice no. (Not Null)
- Quantity (Not Null)
- Date
- Time

Browser for SQLite - E:\GUI\login.db

Edit View Help

New Database Open Database Write Changes Revert Changes

Database Structure Browse Data Edit Pragmas Execute SQL

Create Table Create Index Modify Table Delete Table

Name Type Schema

Tables (3)

- products
- sales
- users
 - username
 - password
 - account_type

Indices (0)

Views (0)

Triggers (0)

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Type of data currently in cell: Text / Numeric
7 char(s)

Remote

Identity

Name Commit Last modified Size

SQL Log

Show SQL submitted by Application

```
23 PRAGMA user_version
24 PRAGMA wal_autocheckpoint
25 SELECT COUNT(*) FROM (SELECT '_rowid_','*
26 SELECT '_rowid_','* FROM 'products' ORDER BY '_rowid_'
27 SELECT COUNT(*) FROM (SELECT '_rowid_','*
28 SELECT '_rowid_','* FROM 'products' ORDER BY '_rowid_'
29 SELECT COUNT(*) FROM (SELECT '_rowid_','*
30 SELECT '_rowid_','* FROM 'users' ORDER BY '_rowid_'
31 SELECT COUNT(*) FROM (SELECT '_rowid_','*
32 SELECT '_rowid_','* FROM 'users' ORDER BY '_rowid_'
```

D8 Schema SQL Log Plot

Inventory

The Bake Shop's Sales & Inventory System

Items Inventory Sales Profiles Sign out Quit

Search Description Reset

Product Name

Description

Category

Price

Current Stock

Add Stock

Update Remove

Product ID	Product Name	Description	Category	Price	Stocks
100730	A & W	A & W ROOT BEER	SOFT DRINKS	60	32
100120	BROWNIES	BROWNIES	BREAD	50	60
100700	TORTILLAS	TORTILLAS PLAIN	SNACKS	10	61
100760	COOKIES	COOKIES	SNACKS	30	35
100280	COKE	COKEZERO	SOFT DRINKS	35	42
100720	KOPIKO	KOPIKO BROWN	COFFEE	25	63
100670	MOZILLA	MOZILLA CHESSE	DAIRY	20	55
100090	COBRA	COBRA YELLOW	SOFT DRINKS	35	44
100230	MAYONaise	MAYONaise GREEN	OTHERS	45	45
100510	PIATTOS	PIATTOS CHEESE	DAIRY	25	13
100930	NACHOS	NACHOS CHESSE	SNACKS	20	56
100110	MAGGI	MAGGI ATA	SNACKS	25	40
100220	BISCUITS	BISCUITS CHOCOLATE	SNACKS	15	55
100111	CROISSANT	CROISSANT	BREAD	50	37
100112	MUFFINS	MUFFINS VANILLA	BREAD	55	37
100550	CHEESE CAKE	CHEESE CAKE	DAIRY	35	37
100661	FRUIT CAKE	FRUIT CAKE MIXED	BREAD	40	34
100770	BUNS	BUNS	BREAD	40	31



Login

Username

Password

Sign in

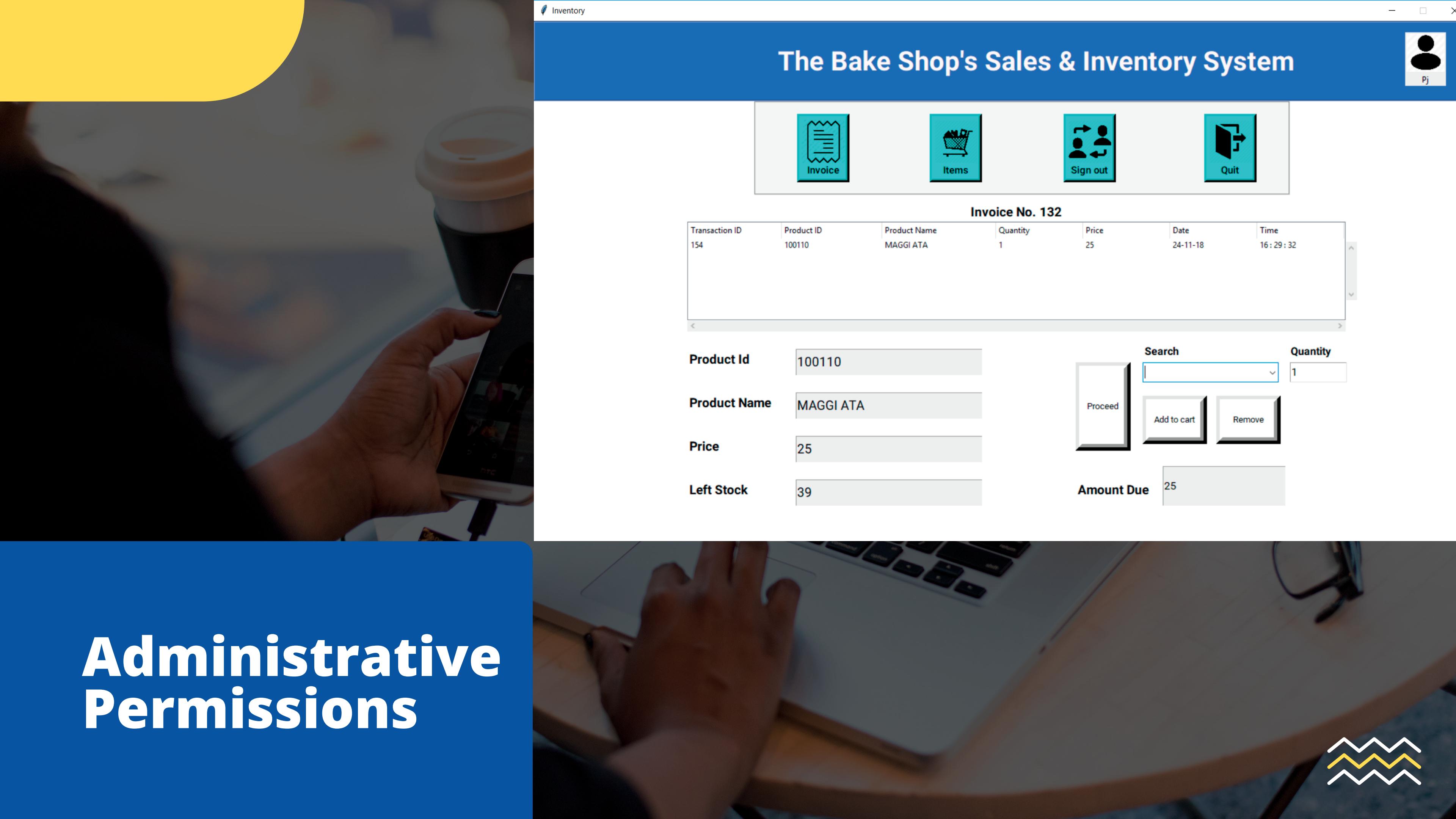
LOGIN SCREEN

From this screen you can login in as bakery's administrator or bakery's employee.

There are two different account types:-
Admin
User



Administrative Permissions



INSIDER WORKING

Make it easier to gather and perform database with sales management system

The Bake Shop's Sales & Inventory System



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Invoice Items Sign out Quit

Product ID	Product Name	Description	Category	Price	Stocks
100730	A & W	A & W ROOT BEER	SOFT DRINKS	60	32
100120	BROWNIES	BROWNIES	BREAD	50	60
100700	TORTILLAS	TORTILLAS PLAIN	SNACKS	10	61
100760	COOKIES	COOKIES	SNACKS	30	35
100280	COKE	COKEZERO	SOFT DRINKS	35	42
100720	KOPIKO	KOPIKO BROWN	COFFEE	25	63
100670	MOZILLA	MOZLLA CHESSE	DAIRY	20	55
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100770	BUNS	BUNS	BREAD	40	31

The Bake Shop's Sales & Inventory System



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Items Inventory Sales Profiles Sign out Quit

Create a User

Username:

Password:

Profile Type:

Search Username:

Username	Password	Account Type
PJ28105	ADMIN	ADMIN
PJ	PJ	USER
ROOPALI	RJ	USER
SHUBHANK	KHARE7673	USER
RISHIJAIN	RISHI@JAIN	USER
ADMIN	ADMIN	ADMIN

Update Remove

what can be done?

- Update Inventory
- Add / Remove Items
- Sales / Receipt
- Profiles
- Sign In / Out
- Load / Quit





CONTACT US

Such progress is seldom abrupt, but rather a steady, progressive, and intricate process that occurs over a relatively lengthy period of time.



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THANK YOU!

YOU MUST BE THE CHANGE YOU WISH TO SEE IN THE WORLD.