

# **Bakery Management System**

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the title



Session: 2022 – 2026

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## Short Description

The Bakery Management System allows the customer to check different bakery items and then buy them. This system acts as a primary database that contains a variety of bakery items. This system displays a list of bakery items in various categories. In this system, a customer can browse for their favorite bakery item, and can check for price and other details of the selected items. Generally, the customer will need to fill a simple and short form like a login form containing username etc. This system helps to buy bakery goods and calculate total purchased amount and generate the pay slips. As far as its link with computer science is concerned, this system provides us to store the data within a computer instead of using registers or can ensure the safety of data. In short, this system helps to reduce the manual work and increase the machine work.

## Users of Application

- Customers
- Admins

## Functional Requirements

### Customers:

Customer can check the list of items and place the order of whatever they want. Customer can view and pay their bill, can cancel the order. Furthermore, they can give their rating to the bakery.

### Features:

- Can login
- Can check food menu
- Can select any item
- Can buy any item
- Can select the amount of items he wants to buy
- Can cancel order
- Can pay bill
- Can check whether discount is available or not
- Can give rating
- Can logout

### **Admins:**

As an admin or owner one can have full authority to update the number of items, remove any item, can increase or decrease the price of an item, can add suggestions or recommendations.

### **Features:**

- Can login
- Can Create the menu
- Can update the menu
- Can delete any item
- Can increase or decrease the price of any item
- Can display bill
- Can check feedback
- Can add recommendations
- Can give discount

### **Validations:**

- Customer can buy only those items which are available on the menu.
- If customer has less money than bill he can't buy the item.
- As Admin and Customer both have to login before using the system the password must be of specific length.

### **Recommendations:**

- Admin can recommend the best item in their menu based on ratings

## Wireframes:

```
*****
*****Bakery Management System*****
*****

WELCOME

Enter Choice:

1) Login As an Admin
2) Login as a User
```

**Figure1: Header**

```
*****
*****Bakery Management System*****
*****

Login

Enter Username: -----
Enter Password (length 8): -----
```

**Figure2: Login Screen**

```
*****
*****Bakery Management System*****
*****

WELCOME to the interface of user

Enter Choice:

1) Food menu
2) To check whether discount is available or not
3) Update order
4) Buy Item
5) Can update login password
6) To select the amount of items he want to buy
7) To cancel order
8) To pay bill
9) Rating
```

**Figure3: Main menu for the User**

```
*****
*****Bakery Management System*****
*****
```

Menu	
Items	Price
Doughnut	60/-
Cup Cakes	70/-
Pastry	100/-
Cookies	120/-
Bread	90/-
Cakes	500/-

**Figure4: Menu**

```
*****  
*****Bakery Management System*****  
*****  
  
Enter Name: -----  
  
Enter PIN: -----  
  
Enter your new PIN: -----  
  
Your PIN is being updated.....
```

**Figure5: Customer's Update pin screen**

```
*****  
*****Bakery Management System*****  
*****  
  
Enter Name of item: Cookies  
  
Enter number of item you want to buy: 5
```

**Figure6: Order placing screen of customer**

*****		
***** <b>Bakery Management System</b> *****		
*****		
Items	Amount	Price
Doughnut	2	120/-
Cup Cakes	3	210/-
Pastry	5	500/-
<b>Total:</b>		800/-
<b>Payed amount:</b>		1000/-
<b>Change:</b>		200/-

**Figure7: Customer's bill payment screen**

*****		
***** <b>Bakery Management System</b> *****		
*****		
Doughnut	2	120/-
Cup Cakes	3	210/-
Pastry	5	500/-
Enter name of item you want to cancel: -----		
Your item is cancelled successfully.....		

**Figure8: Customer's order cancelling screen**



```
*****
*****Bakery Management System*****
*****

Enter feedback you want to give: -----

Your feedback has been added successfully.....
```

**Figure9: Customer's feedback entering screen**

```
*****
*****Bakery Management System*****
*****

Welcome to the interface of Admin

Enter Choice:

1) Create Menu
2) Update Item in Menu
3) Delete Item
4) Update price of item
5) Give discount on an item
6) Check feedback
7) Add Recommendations
8) Display Bill
```

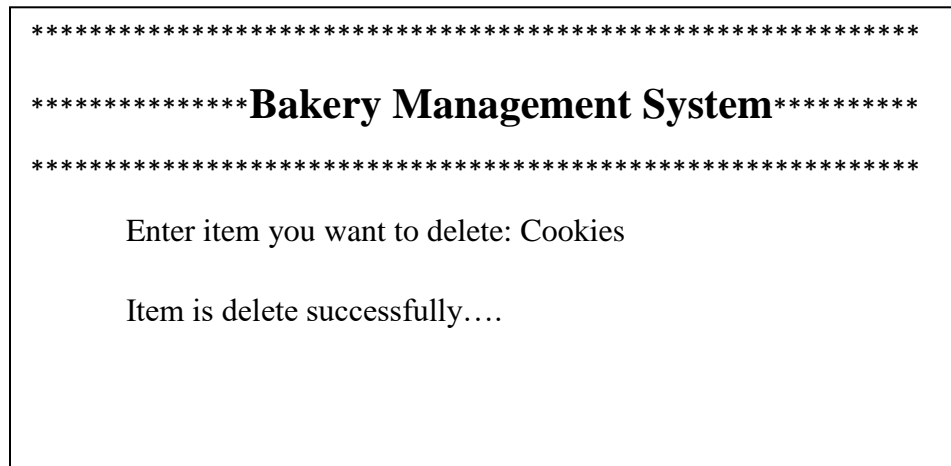
**Figure10: Main Screen for Admin**

*****		
***** <b>Bakery Management System</b> *****		
*****		
Items	Stock	Price
Doughnut	40	60/-
Cup Cakes	35	70/-
Pastry	30	100/-
Cookies	70	120/-
Bread	60	90/-
Cakes	20	500/-

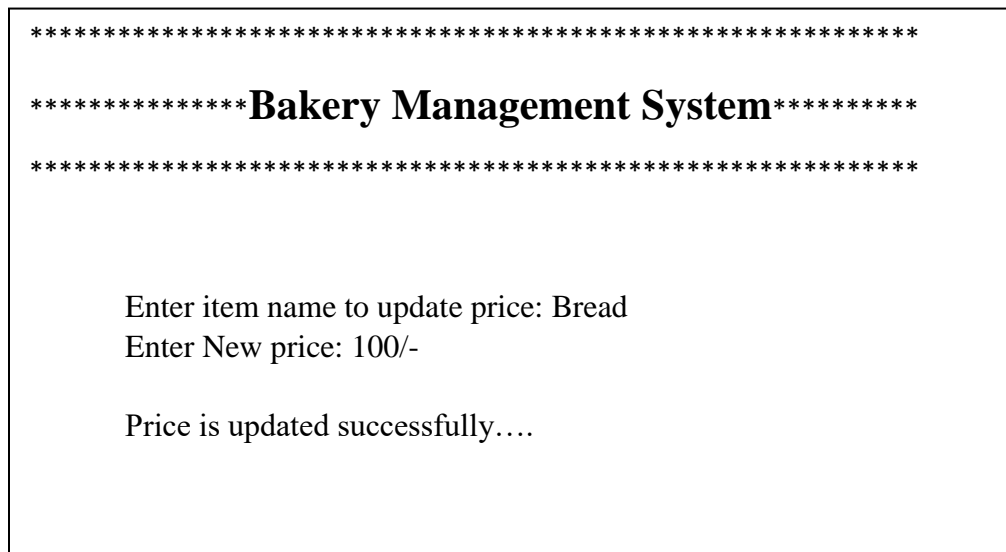
**Figure11: Admin Control View (Create Menu)**

*****	
***** <b>Bakery Management System</b> *****	
*****	
Enter item you want to add: Biscuits	
Enter amount of stock: 80	
Enter price of new item: 60/-	
Item is added successfully....	

**Figure12: Admin Update in menu screen**



**Figure13: Admin item deleting screen**



**Figure 14: Admin Update in price**

```
*****
*****Bakery Management System*****
*****

Enter item name you want to give discount: Cake
Enter percentage of amount: 5%

Discount is added successfully....
```

**Figure15: Admin Adding Discount screen**

```
*****
*****Bakery Management System*****
*****
```

Items	Amount	Price
Doughnut	2	120/-
Cup Cakes	3	210/-
Pastry	5	500/-
<b>Total:</b>		800/-

**Figure16: Admin Displaying bill screen**