

# DBMS PROJECT

Project Title :- Online Groceries Application

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## **OVERVIEW :-**

Idea:- To Design a Groceries Portal which is functional to both customer and employee.

Basic Features of the Project :-

### 1)Employees Page

- Employees can add a product.
- Employees can remove a product.
- Employees can change the price of a product.
- Delivery Personnel can view all order details

### 2)Customer Page

- Customer can navigate through various categories of products, add desired products to his cart and then checkout.
- User Info Can be viewed

Additional Features :-

### 1)Graph of Sales

- 2)Identifying closest grocery pickup location based on delivery address
- 3)Best Seller in each product category

## **FRONTEND:-**

The Front end was done using JAVA swing. The UI is an application which is offline and hence local to the users.

The different frames of our UI :-

[https://docs.google.com/presentation/d/1\\_HhoZ-oPJppbYowaDDWnJJBQbp8TiT0BVxSDJYH7vGc/edit?usp=sharing](https://docs.google.com/presentation/d/1_HhoZ-oPJppbYowaDDWnJJBQbp8TiT0BVxSDJYH7vGc/edit?usp=sharing)

## **BACKEND:-**

Open for third party integrations. However we don't have our own Backend.

## **DATABASES :-**

(MONGO-DB / SQL)

### **Employee Tables :-**

- Emp Name(varchar(20))
- Emp ID(varchar(10))
- Emp join date(date)
- Emp sal(int)
- Emp role(varchar(10))

### **Customer Tables :-**

- Cus Name(varchar(20))
- Cus ID(varchar(10))
- Cus Phno(char(10))
- Cus Address(varchar(20)):
  - City, Area, Street, Pin

### **Product Tables :-**

- Prod Name(varchar(20))
- Prod ID(varchar(10))
- Prod Price(int)
- Prod Category(varchar(10))
- Prod Stock(int)

### **Transaction Tables :-**

- Transaction ID(varchar(10))
- Customer ID(varchar(10))
- Prod ID(varchar(10))
- Prod Quantity(int)
- Total Cost(int)
- Transaction Date(date)

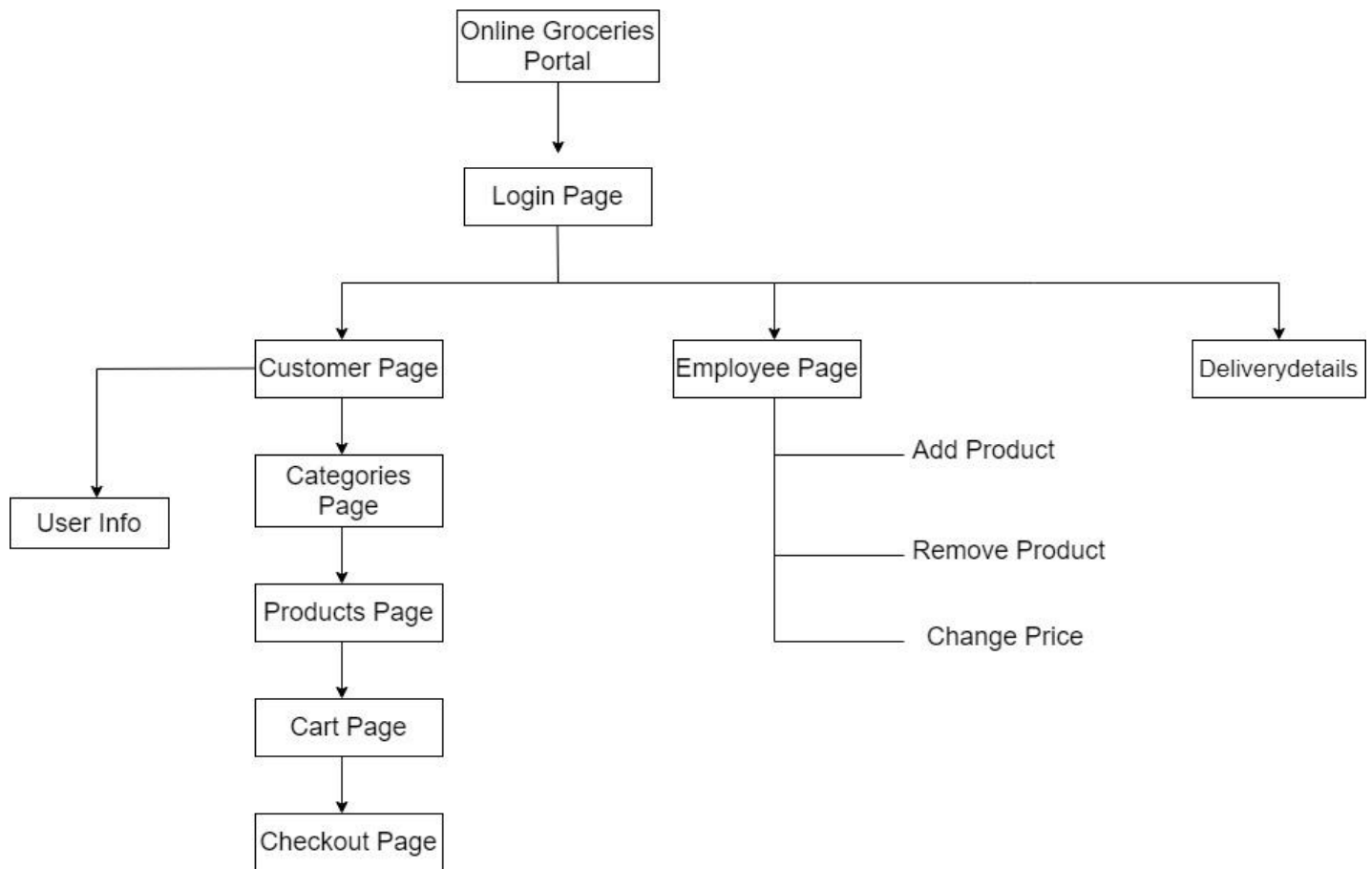
### **Delivery Table :-**

- Transaction ID(varchar(10))
- Customer ID(varchar(10))
- Delivery Address(varchar(20))
  - City, Area, Street, Pin
- Employee ID(int)

### **Login Table :-**

- Login Username(varchar(20))
- Login Password(varchar(20))
- Login ID(varchar(10))

### NAVIGATION CHART:-



### DESIGN:-

