

# 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.

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.

2)Customer Page

-Customer can navigate through various categories of products, add desired products to his cart and then checkout.

## **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)

## **DATABASES :-**

Employee DB :-

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

Customer DB :-

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

Product DB :-

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

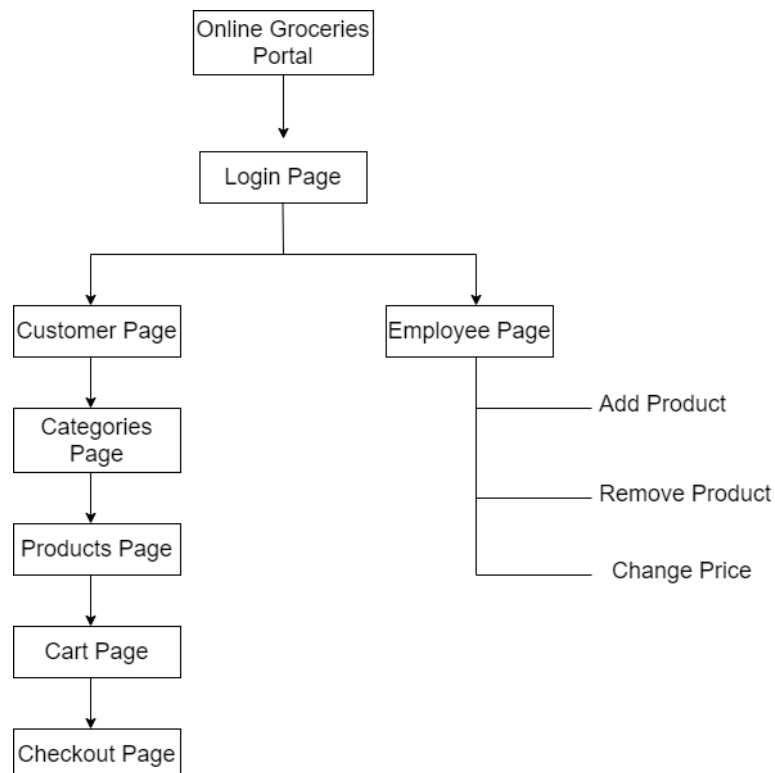
Transaction DB :-

- Transaction ID(varchar(10))
- Customer ID(varchar(10))
- Prod ID(varchar(10))
- Prod Quantity(int)

Login DB :-

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

Navigation Chart :-



**Design:-**

