

# **Project Report (QuickServe)**

## **Scope:**

Online shopping has revolutionized how we purchase goods, offering numerous benefits that make it an attractive alternative to traditional brick-and-mortar stores. QuickServe is a fast, reliable, and convenient way to deliver your favorite meals to your doorstep. It is an online shopping platform that helps restaurants list food items and allows customers to browse and purchase them.

## **Functionalities:**

### **Login/SignUp:**

1. Customers, restaurants, delivery workers, and admins can use their phone numbers to log in to this platform.
2. If you don't have an account, you can create one using your phone number and address. You can choose your role from customers, Restaurants, and Delivery workers.
3. There is only one admin.

### **Customers:**

1. Choose from different restaurants listed on the platform.
2. View all the food items of a particular restaurant.
3. Add a particular food item and its quantity to the cart.
4. Place an Order after adding all the required food items from a restaurant.
5. View all your orders placed till now and their delivery status.
6. View your profile and edit it.

## **Restaurants:**

1. View all the food items you provide and their available stock.
2. Update the stock and price of any particular item.
3. Add a new food item with details such as price, stock, and food is veg or not.
4. View all the orders placed from your restaurant and their delivery status.
5. View your profile and edit it.

## **Delivery Person:**

1. View all the active orders assigned to you along with the details such as pick-up place and where to deliver.
2. Once an order has been delivered, update it on the platform.
3. View your profile and edit it.

## **Admin:**

1. Any restaurant can only list its food items on the platform when you give access to the restaurant.
2. You can change the Salary of any delivery person working on the platform.

## **Triggers:**

1. `Update_delivey_time`: When a delivery person delivers an order and updates the delivery status, record the current time and store it in the database. This is displayed when order details are displayed to the customer and restaurants.
2. `Increment_salary`: When a delivery person completes 100 deliveries, their salary is increased by Rs 1000.

## **Views:**

1. Res\_details: It contains the details of those restaurants that have been granted access by the admin. This view is used throughout the application instead of the table 'restaurant,' which contains all the restaurants.
2. Food\_details: It contains those food items whose quantity is more than 0. When food items are displayed to the customer, this view is used.

These views help to provide a layer of abstraction because customers do not know all the restaurants listed on the platform. Also, customers don't know about a restaurant's food items.