



# RESTURANT STORE FRONT MANGAMENT APP (HLD)

CSE 2

Database project

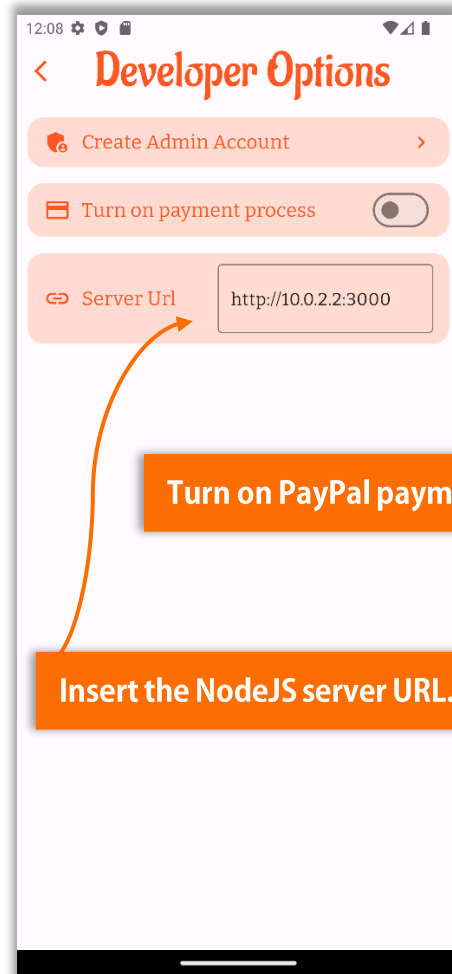
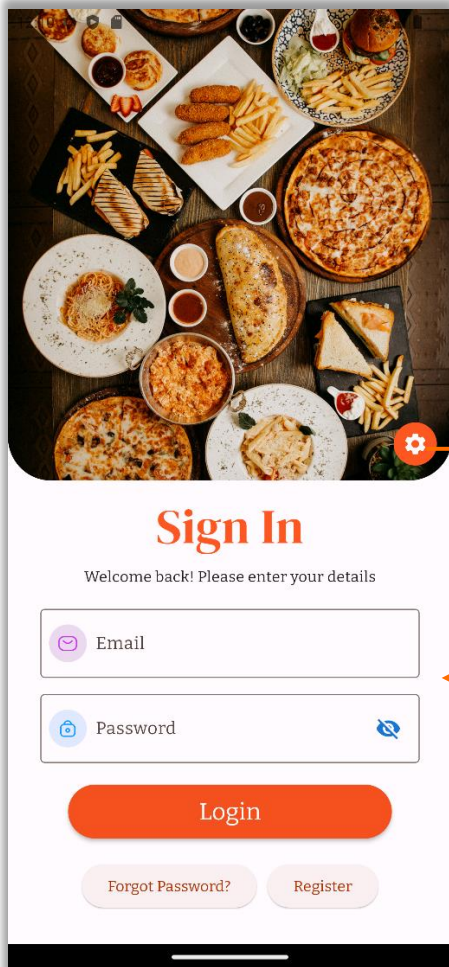
Dr/Haitham Abou Bakr

# RESTO

An online storefront for a restaurant with management,  
delivery and booking systems.

	Name	Code	Position
1	Karim Salah Eldin Elghamry	20812021101453	Manager / Full Stack
2	Mohamed Gehad Hussien Metwally	20812021100025	Leader / Frontend
3	Mohamed Mahmoud Mohamed Ghanem	20812021101295	Frontend
4	Nancy Ayman Nabil Mohamed	20812021200506	Frontend
5	Ahmed Mohamed Salah El-Din Abdel-Khaleq	20812021100722	Frontend
6	Mahmoud Galal Ramadan El-Gendy	20812021101328	Leader/ Back & DB
7	Shahd AlSayed Ahmed Ali	20812021200543	Backend & Database
8	Ahmed Muhammad Saleh Al-Din	20812021101167	Backend & Database
9	Hassan Mohamed Hassan Ali	20812021101068	Leader/ Back & DB
10	Reham Hamdy Mohamed Ibrahim	20812021201109	Backend & Database
11	Karim Wael Talba Muhammad	20812021101083	Backend & Database

# High level Design

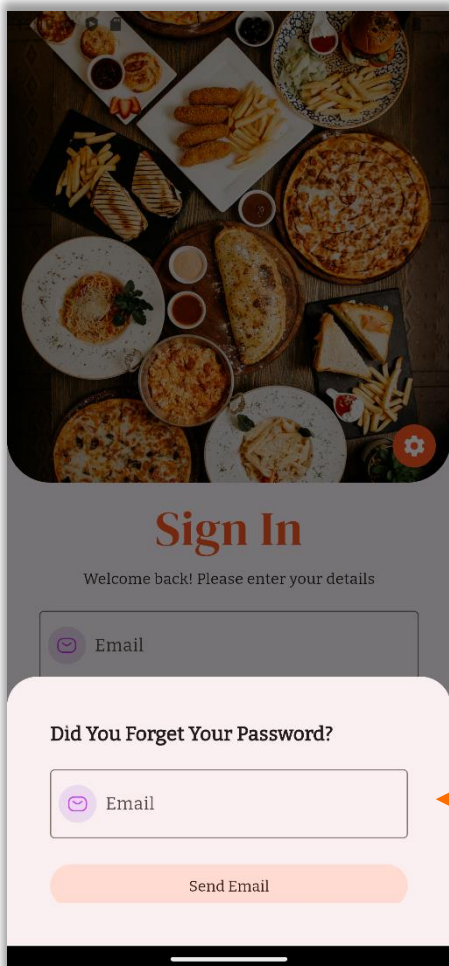


Turn on PayPal payment gateway.

Insert the NodeJS server URL.

After creating an admin account, you can type in the email: "admin" and in the password: "admin", to login to the admin interface.

Put in your email to get a code sent to you in email to change your password.



# Normal Sign-up process

12:10

## Sign Up

Welcome! Please enter your details.

First Name

Last Name

Email address

Already have an account: [Login](#)

Progress: 1 of 3 steps (Step 1 active)

12:10

Phone number

Birth Date

Latitude

Longitude

Progress: 2 of 3 steps (Step 2 active)

12:10

Password

Repeat Password

☐ At least 8 characters

☐ At least 1 number

☐ Has Uppercase

☐ Has Lowercase

☐ Has Special Characters

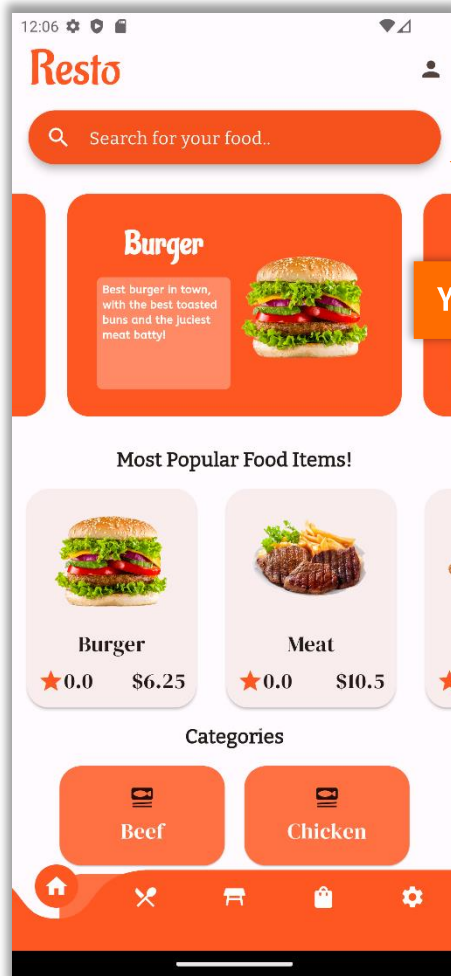
☒ Customer ☐ Delivery Man

Selected Type: customer

Register

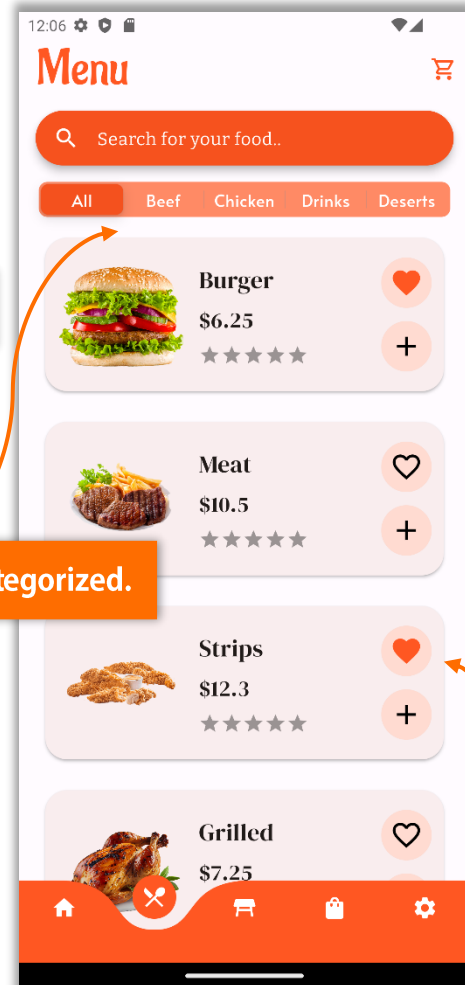
Progress: 3 of 3 steps (Step 3 active)

# User Interface: Home and Menu

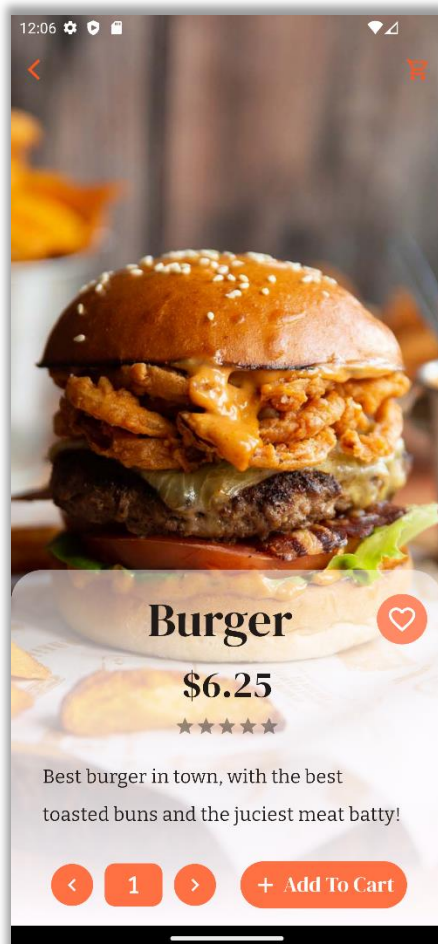


You can search!

Items are categorized.

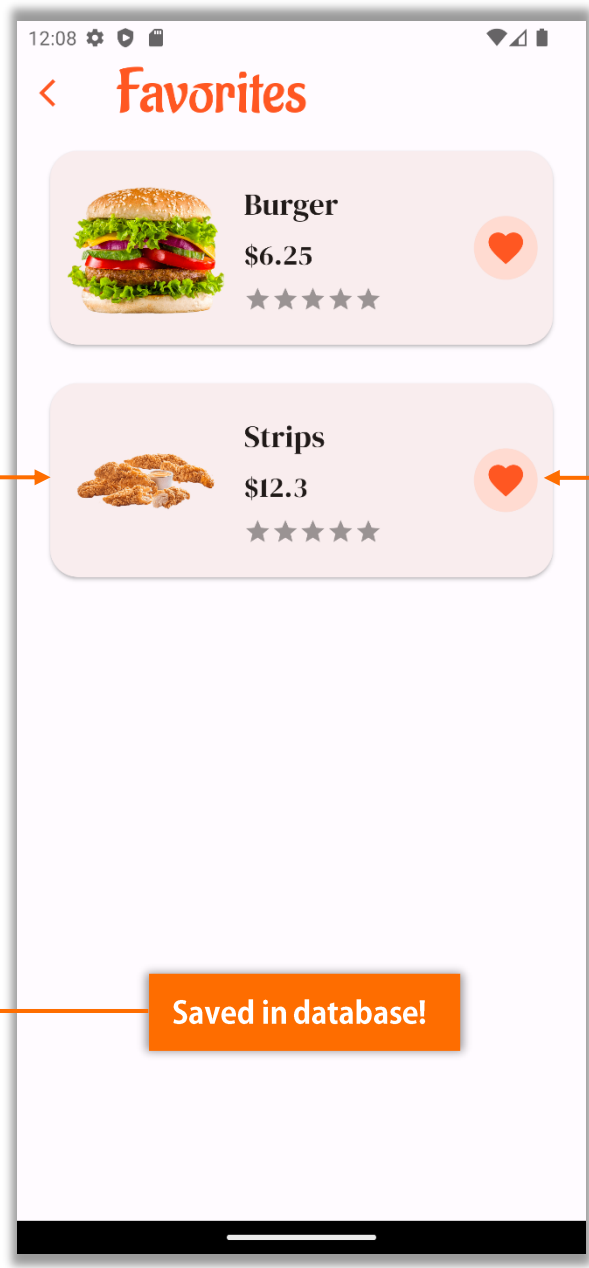
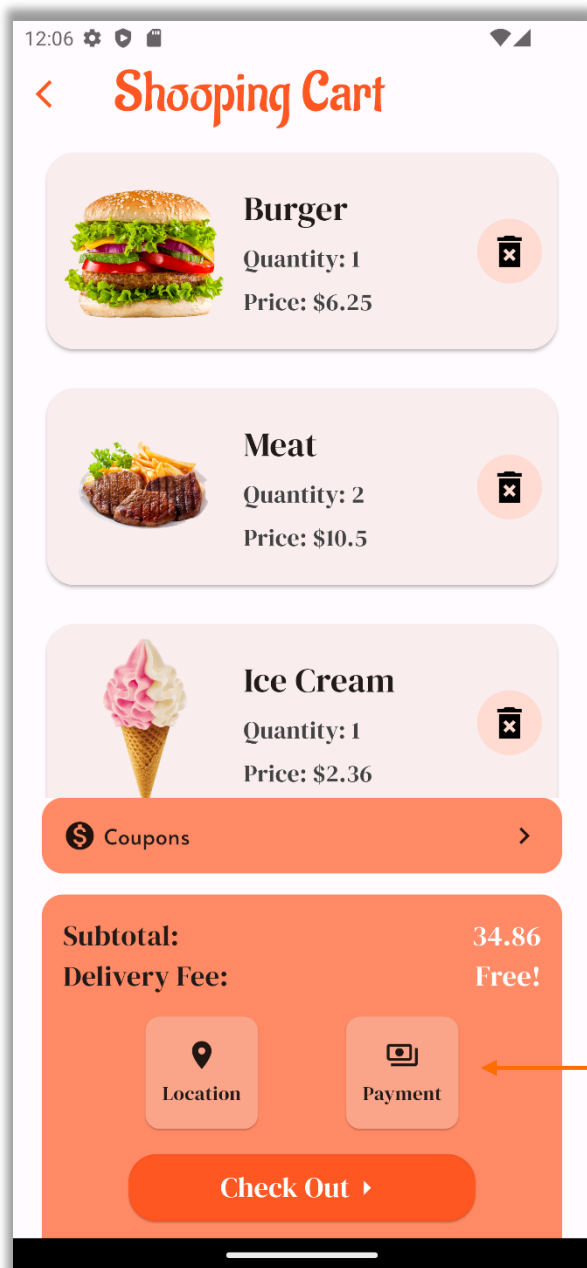


You can favorite items!



When clicking on an item a new screen pops up with all the info about it and the ability to increase the quantity.

## User Interface: Cart and Favorites

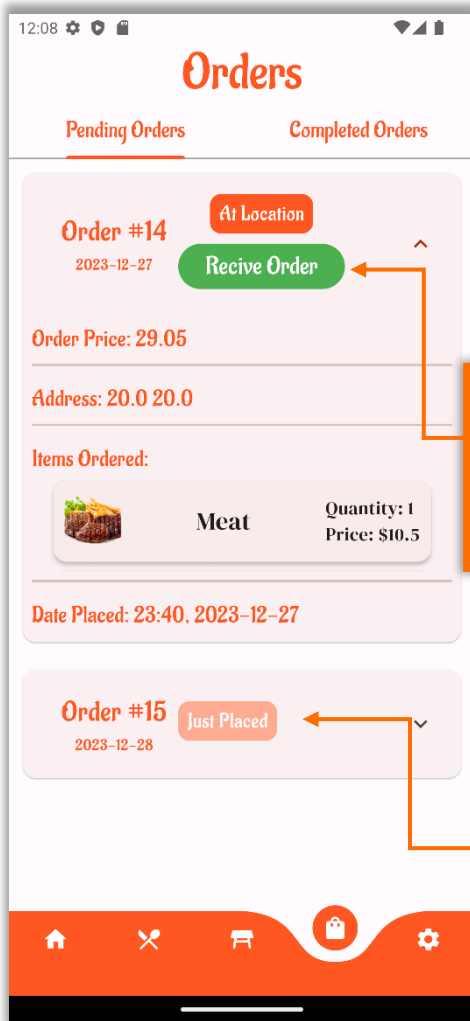


Choose your payment option.

Saved in database!

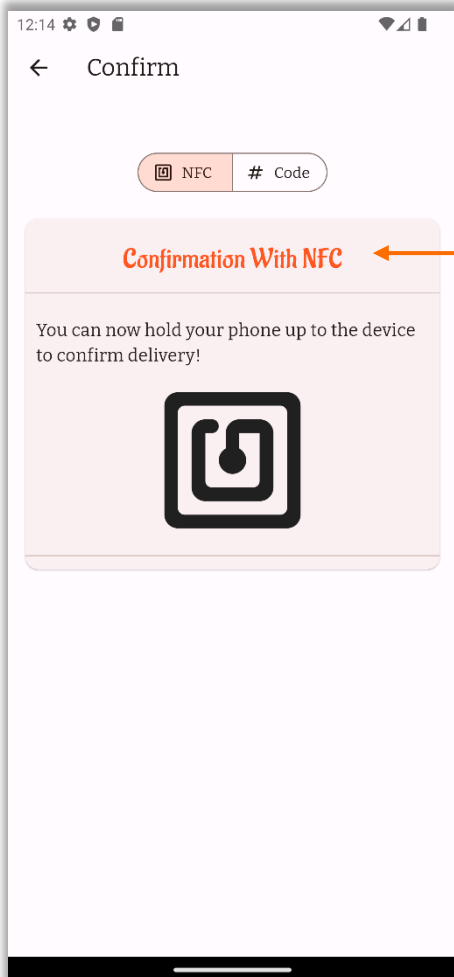
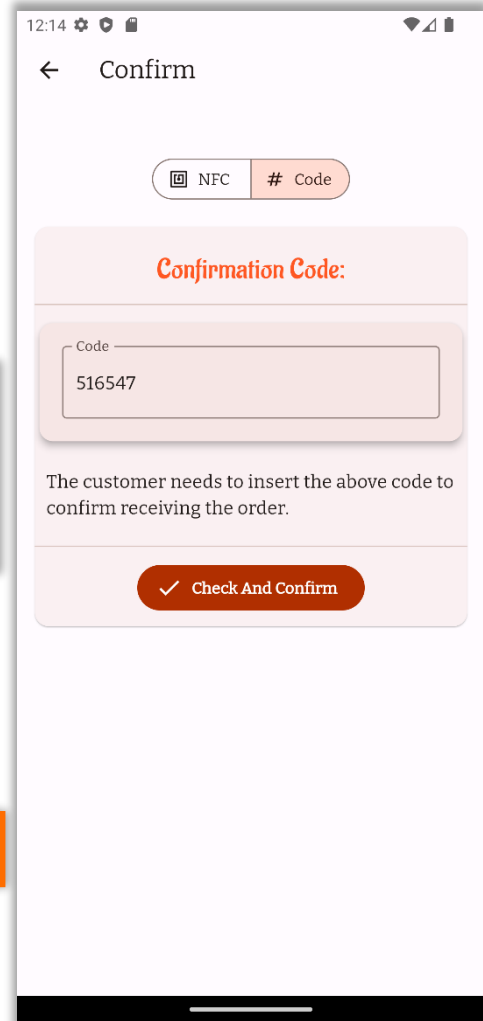
Remove item from  
your favorites.

# User interface: Orders



Click to receive the order from the delivery man.

Status changes!



2 ways to confirm the receiving the order:

First: NFC

Second: normal confirmation code



# User interface: Booking

12:07

## Booking

Choose Your Time

Table Name

Select Day  
Thu, 12/28

Book A Table ▶

Home, Search, Booking, Cart, Settings

12:07

## Booking

Table Name

Date  
Thursday, December 28, 2023

Selected Hour  
13:7

Select Table ▶

Home, Search, Booking, Cart, Settings

Choose date and time you wish to book at!

12:07

## Available Tables

Grid of table icons (8, 6, 5, 4 seats). One 8-seat table is highlighted with a red circle.

Book ▶

Home, Search, Booking, Cart, Settings

Choose Where you want to sit if its available.

12:09

## Booking

Your Table is Booked

Table Name: Karim Elghmary

Table: 12

Number Of Seats: 8

Date: 2023-12-28

Start Time: 12:07

End Time: 13:07

Download Cancel

Home, Search, Booking, Cart, Settings

Download a pdf version of this!



Get a QR Code version of this info!

Cancel your booking if you wish!

Resto

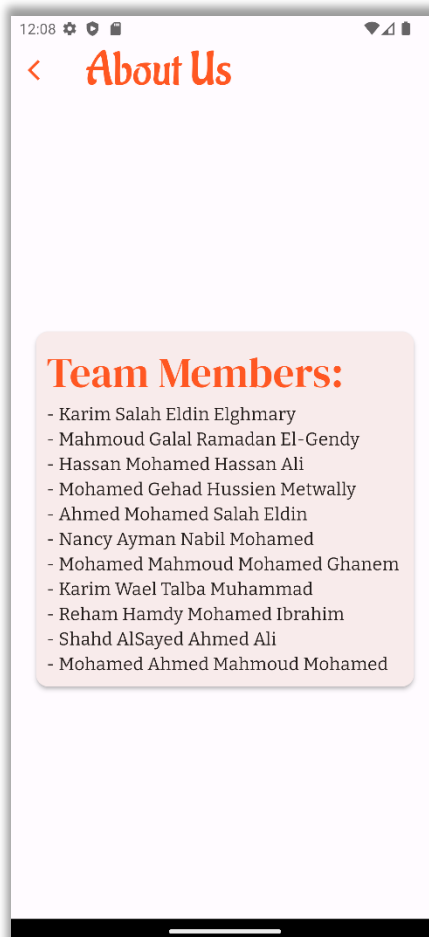
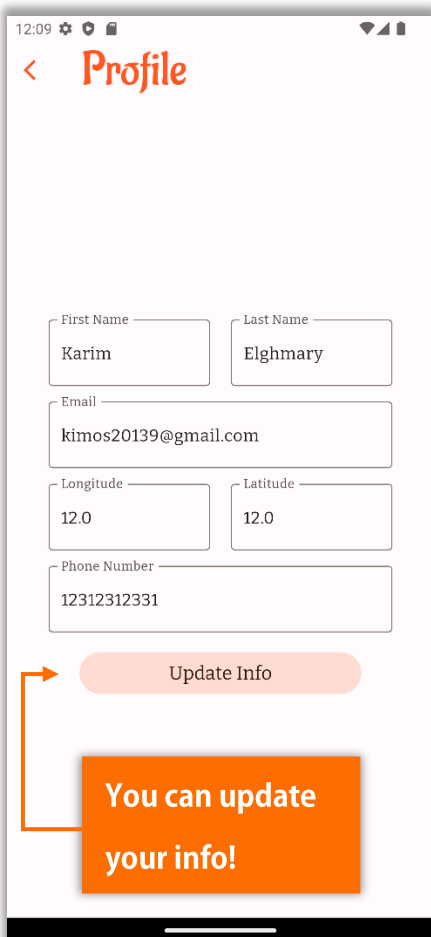
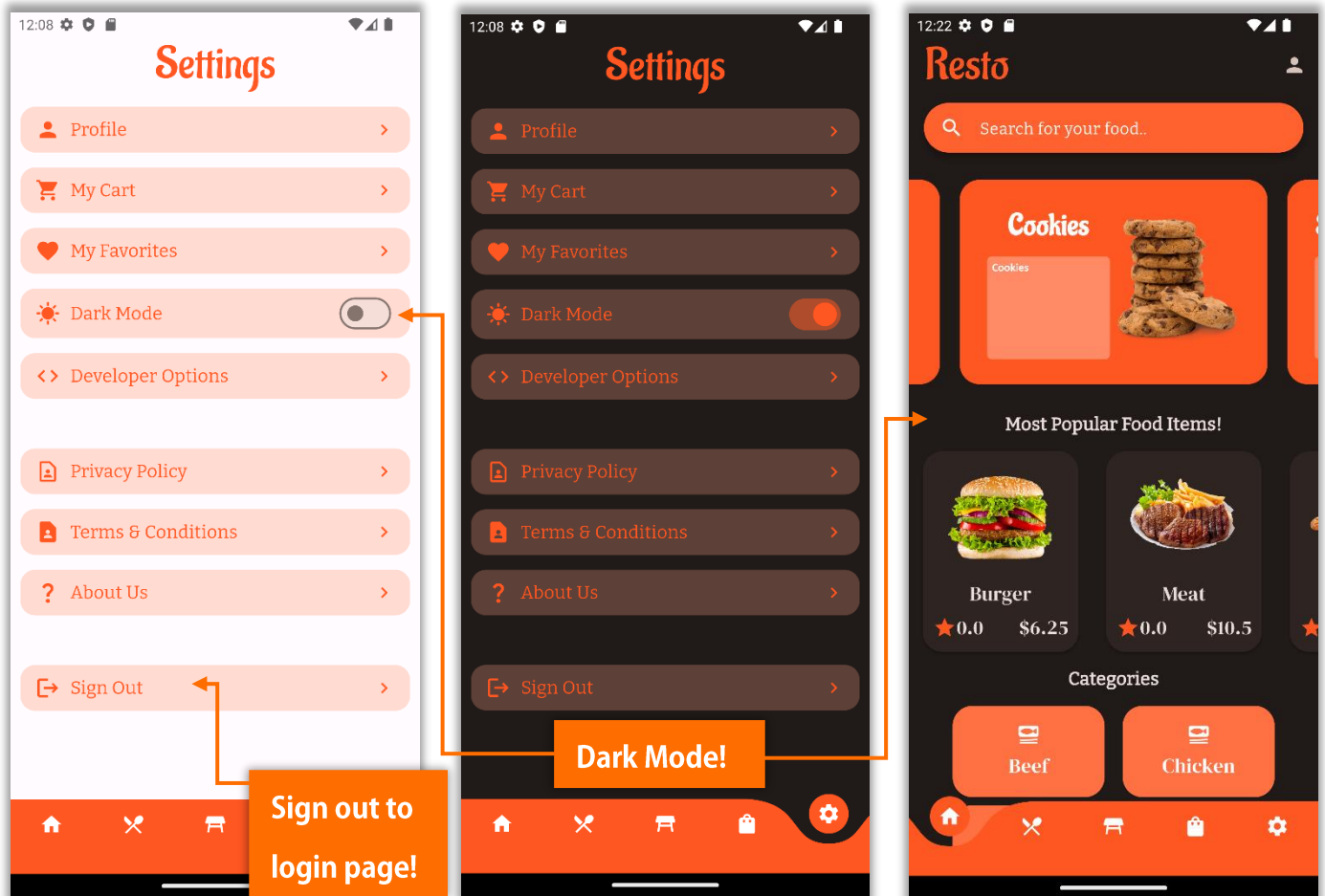
### Booking Table

Table Name:	Karim Elghmary
Table Number:	10
Date:	28-12-2023
Start Time:	13:11
End Time:	14:11

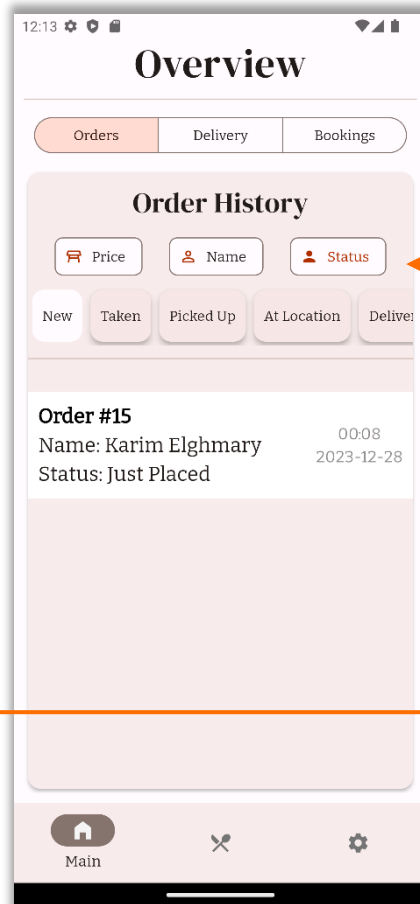
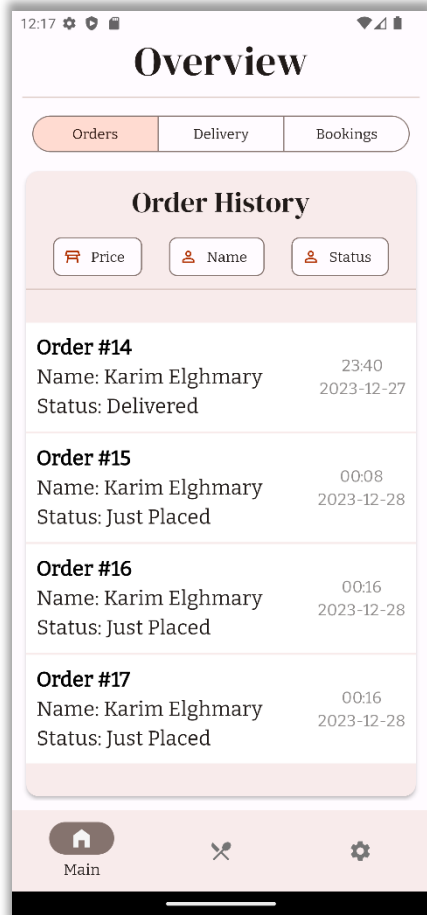
THANK YOU FOR VISITING OUR RESTAURANT



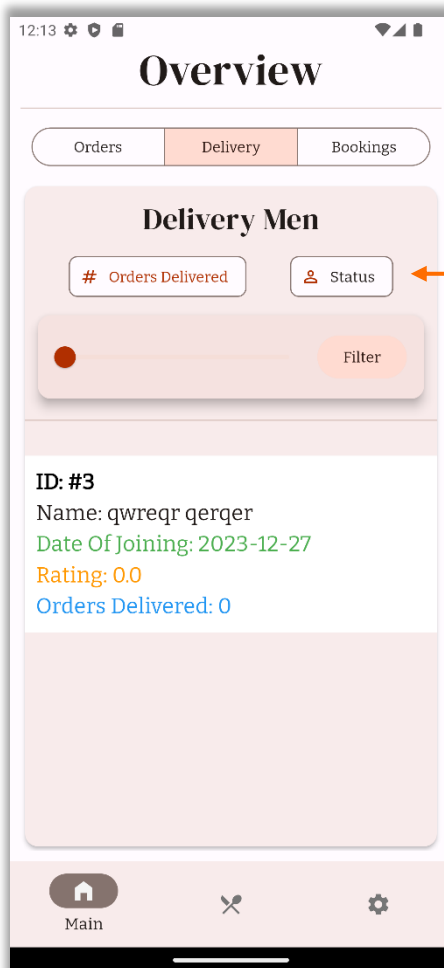
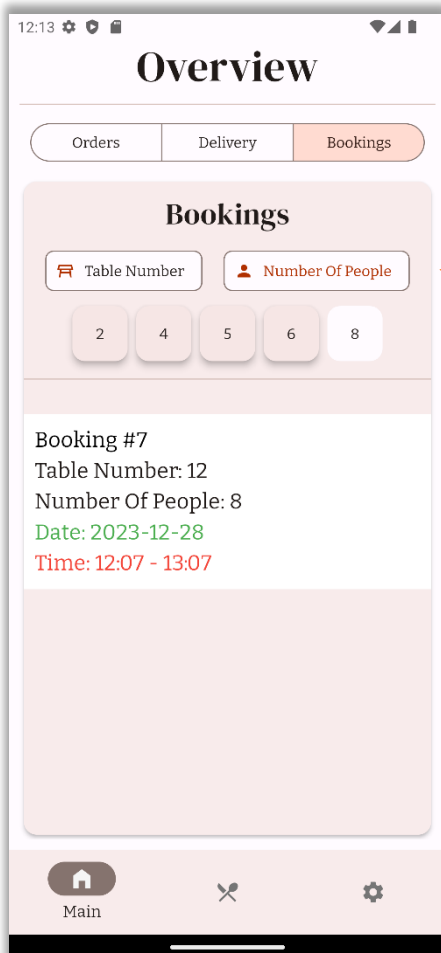
# User Interface: Settings



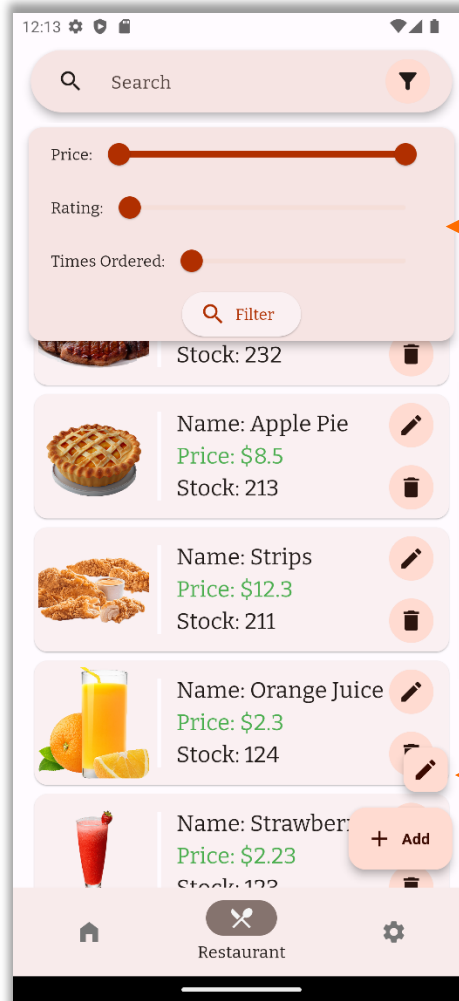
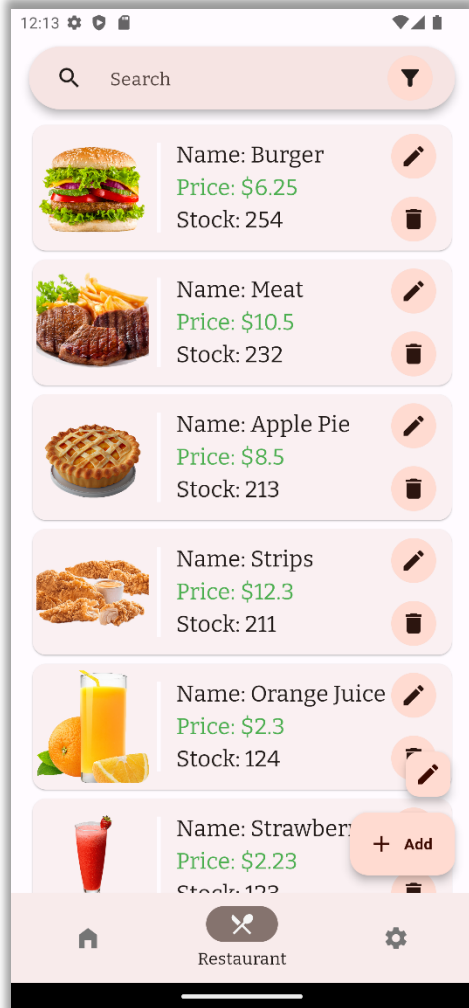
# Admin Interface: Overview



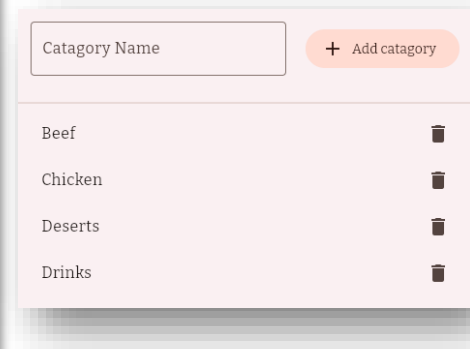
Filters!



# Admin Interface: Edit Menu

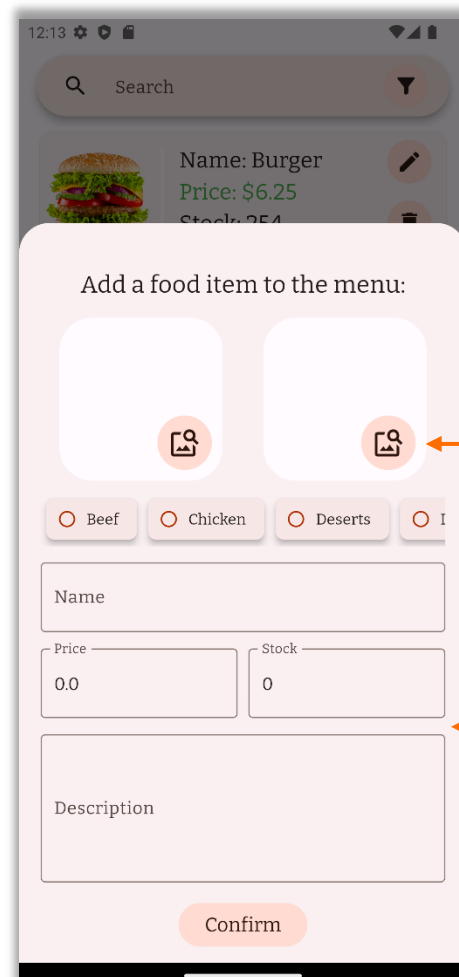
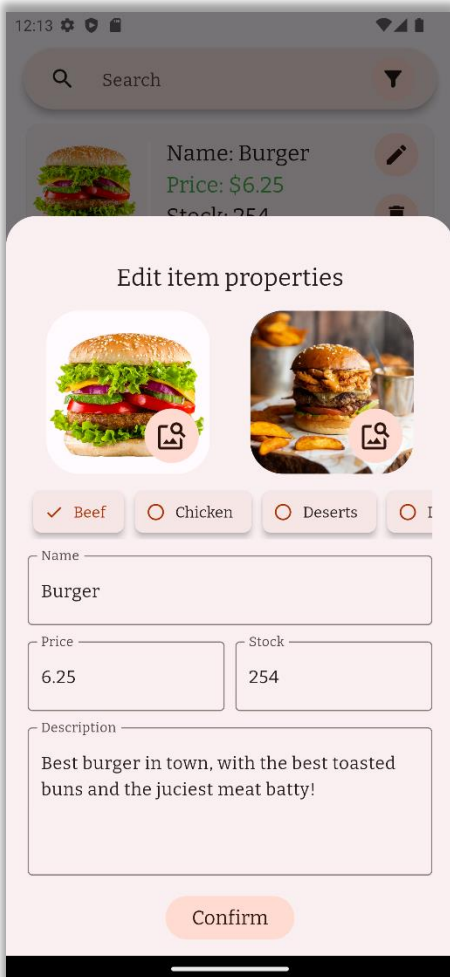


You can filter by a lot of parameters such as price rating and times ordered!



Edit categories.

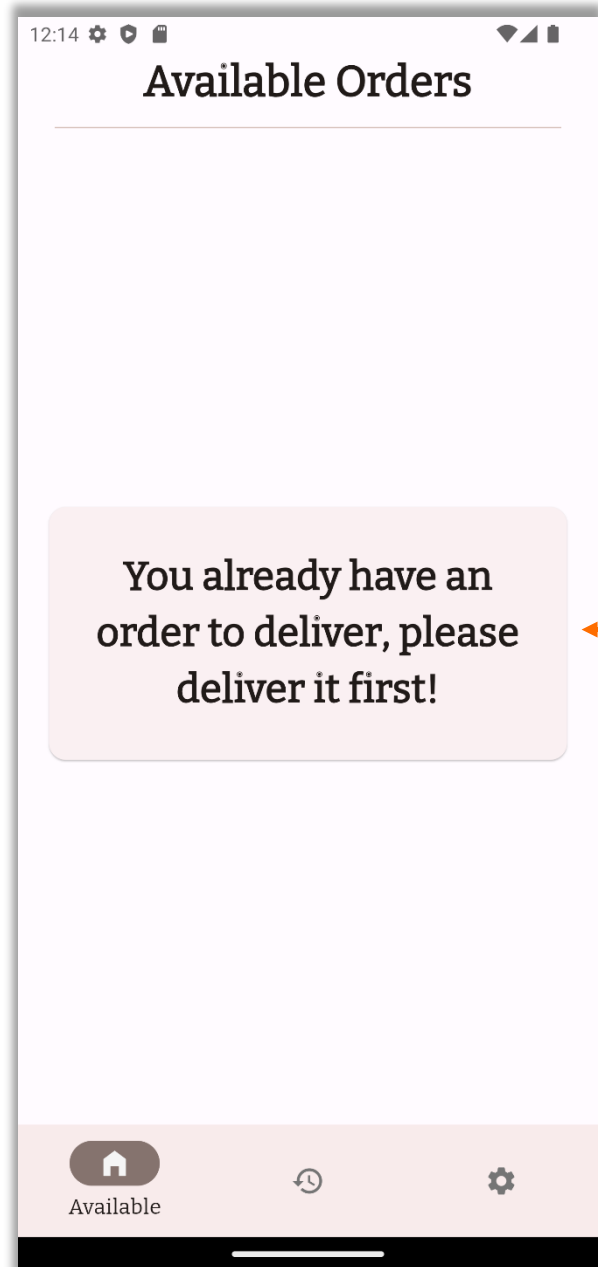
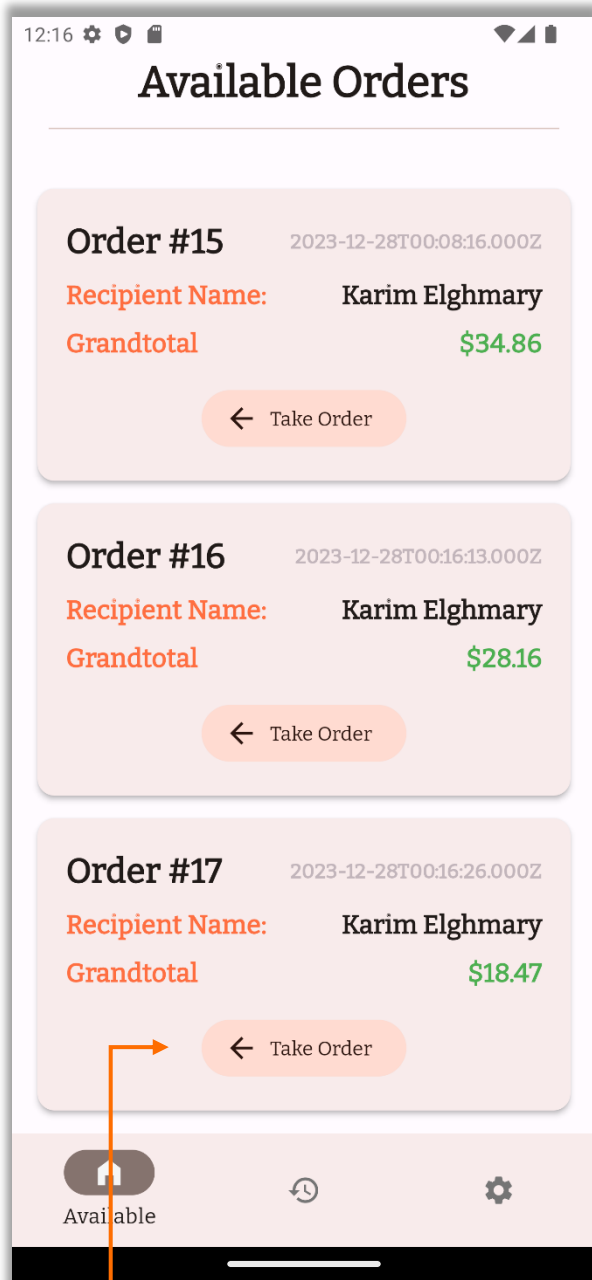
Add a new item!



You must add 2 photos, one for a small thumbnail and the other when the user click the item.

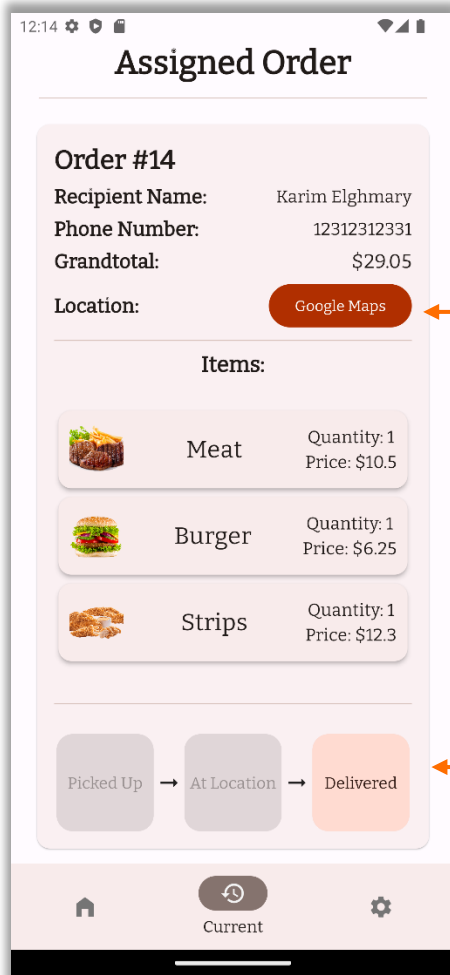
Insert all the info required to add or edit an item.

# Delivery Interface: Available Orders



If the delivery man took an order, he can't take another one until he finishes the one he took first.

# Delivery Interface: Assigned Orders






**Assigned Order**

**Order #14**

**Recipient Name:** Karim Elghmary  
**Phone Number:** 12312312331  
**Grandtotal:** \$29.05  
**Location:** [Google Maps](#)

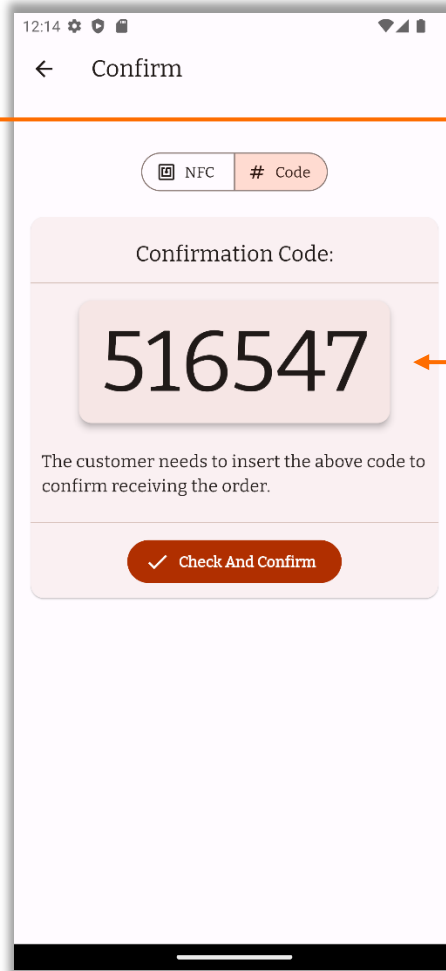
**Items:**

	<b>Meat</b>	Quantity: 1 Price: \$10.5
	<b>Burger</b>	Quantity: 1 Price: \$6.25
	<b>Strips</b>	Quantity: 1 Price: \$12.3

**Status:** Picked Up → At Location → **Delivered**

[Home](#) [Refresh](#) [Settings](#)

Current



**Confirm**

[NFC](#) [# Code](#)

**Confirmation Code:**

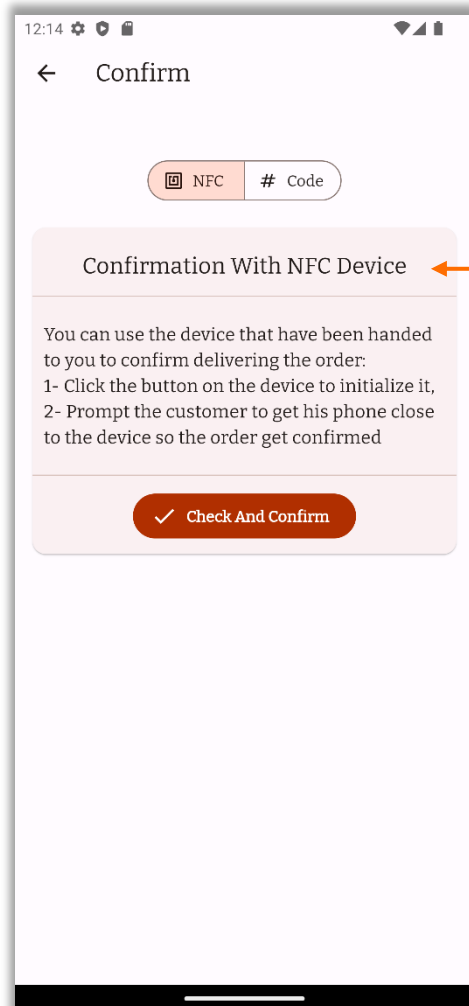
**516547**

The customer needs to insert the above code to confirm receiving the order.

[✓ Check And Confirm](#)

Click here to open google maps to the location of the recipient!

Click on these buttons to change the status of the delivery!



**Confirm**

[NFC](#) [# Code](#)

**Confirmation With NFC Device**

You can use the device that have been handed to you to confirm delivering the order:

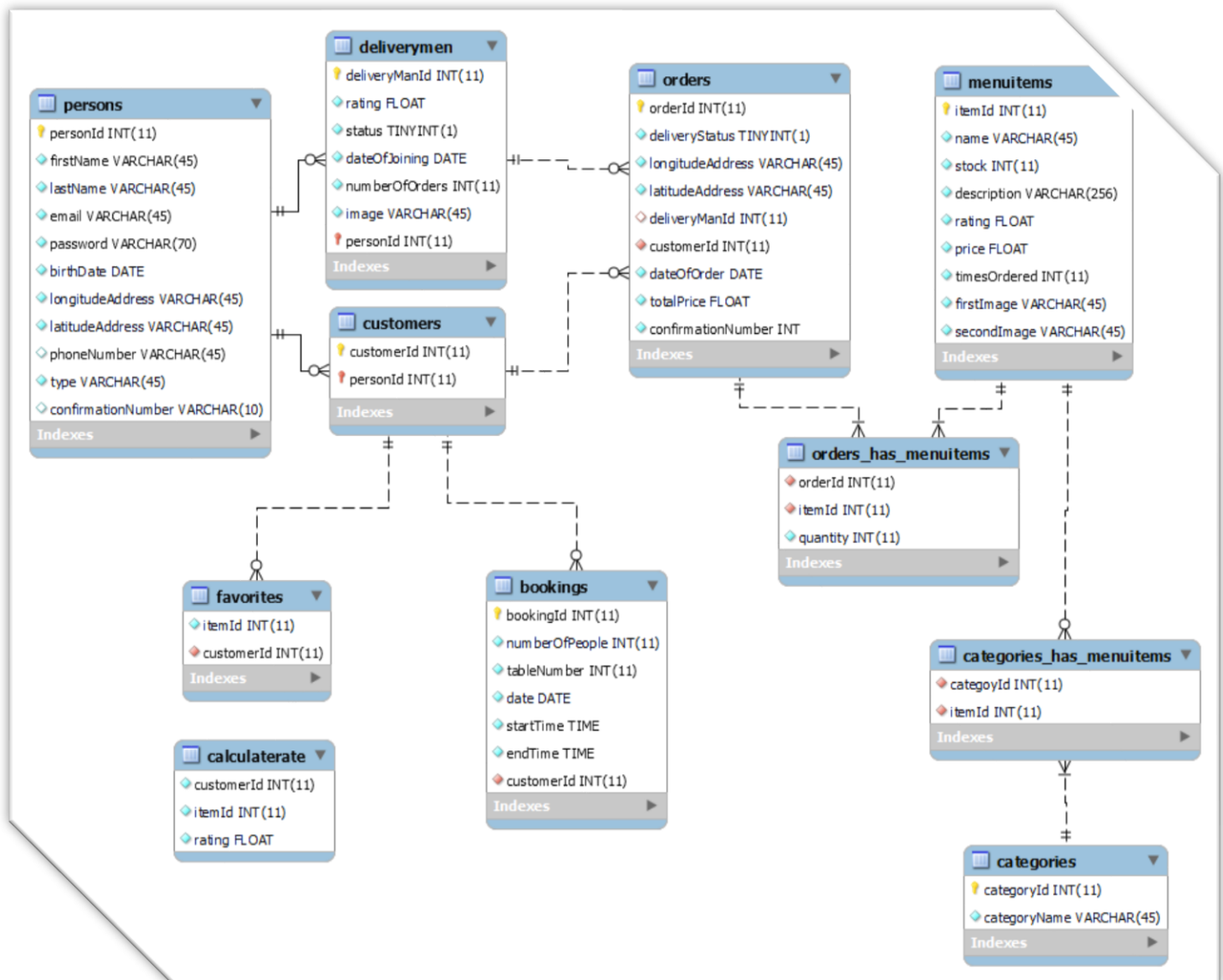
- 1- Click the button on the device to initialize it,
- 2- Prompt the customer to get his phone close to the device so the order get confirmed

[✓ Check And Confirm](#)

Two ways of confiramtion:

- NFC device
- Code

# EER Diagram



# Project Toolbox

## Applications:

- ❖ Android Studio
- ❖ Visual Studio Code
- ❖ MySQL Workbench
- ❖ XAMPP

## Languages & Frameworks:

### Frontend:

- ❖ Flutter
- ❖ Dart

### Backend:

- ❖ JavaScript
- ❖ Node JS
- ❖ Express JS

### Database:

- ❖ MySQL