

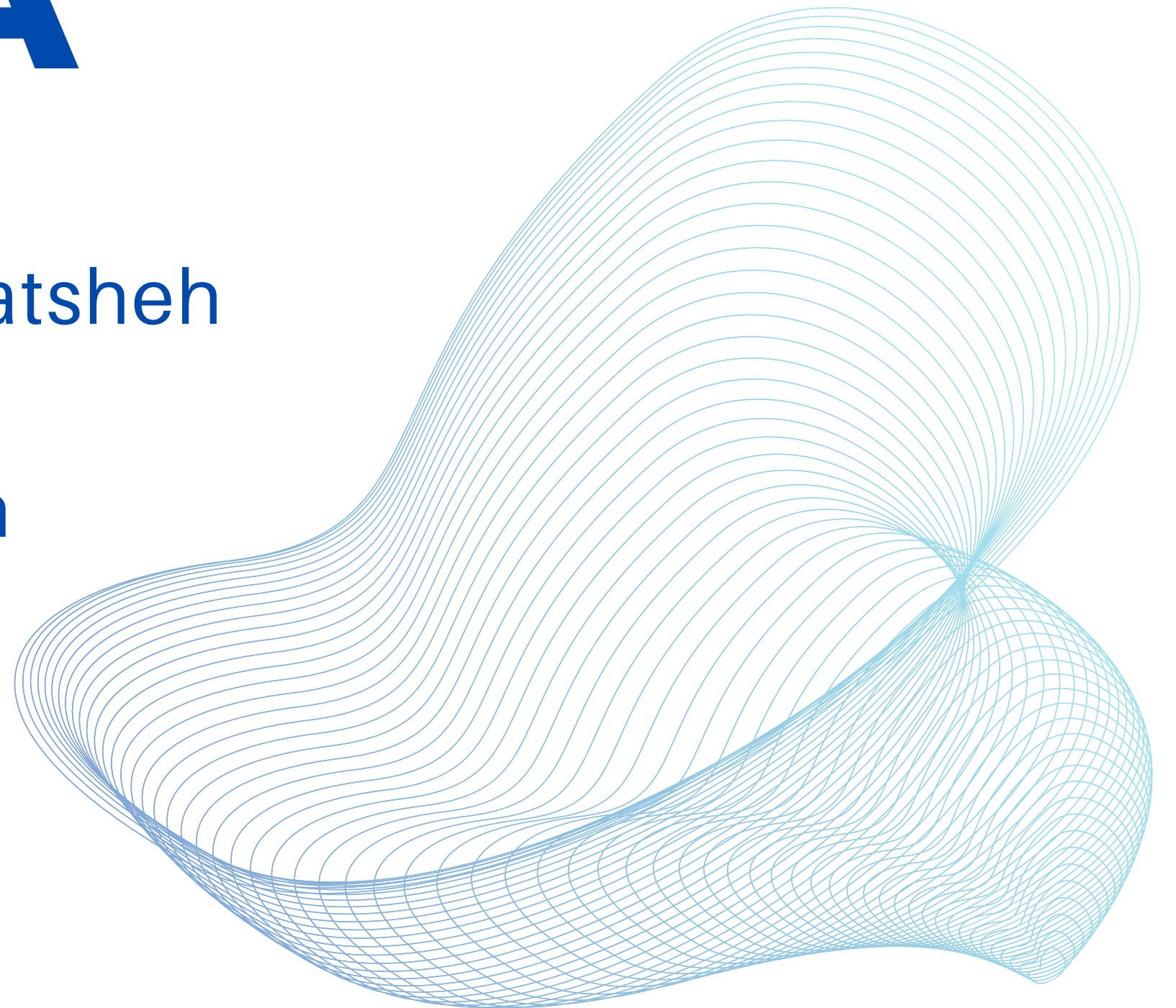
JAFFA

Supervisor: Emad Natsheh

students

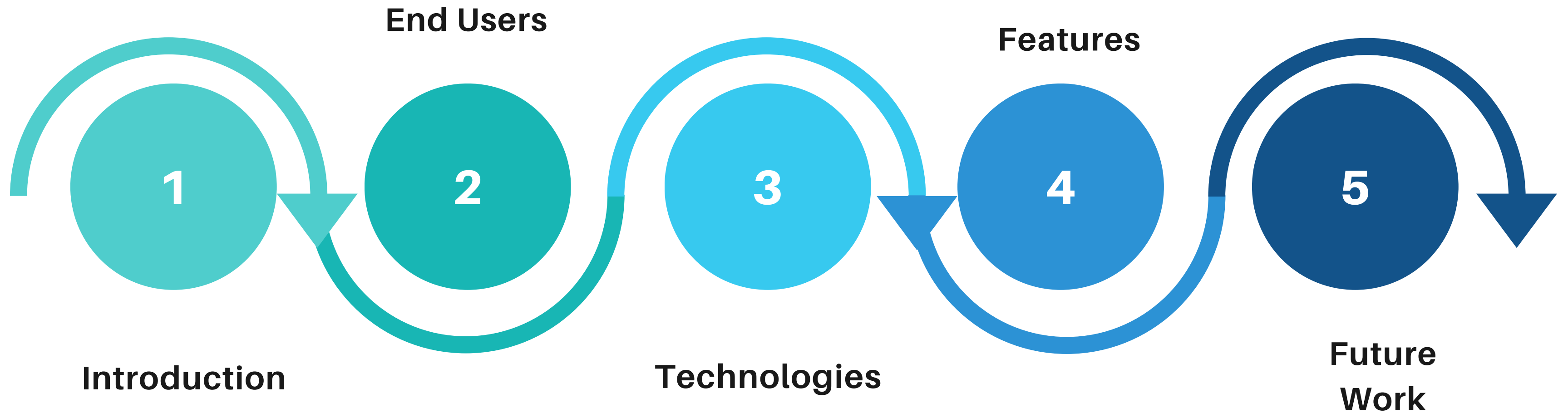
Mai Shelbayeh

Dema Khalili



OUTLINE

5-Step Ordering Process



OBJECTIVES

Our aim is to create a user-friendly e-commerce platform for our factory's products, ensuring easy shopping and delivery tracking. We'll set up secure payment and smooth logistics to make shopping hassle-free and enjoyable for customers.



TECHNOLOGIES

</>



Dart



FRONT END



Nodejs



Reastful API



BACK END



Mongo DB



DATABASE



Firebase



CLOUD STORAGE

END USERS

CLIENTS



Users

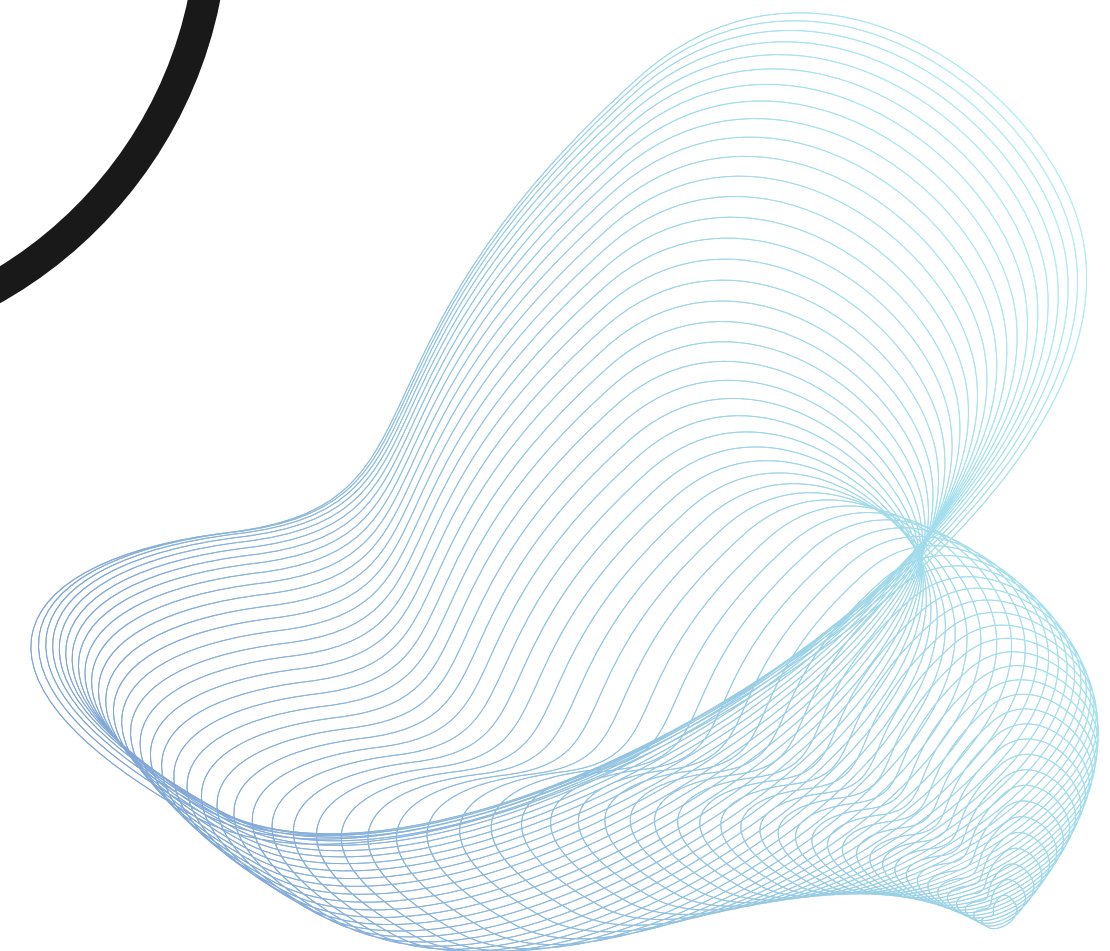
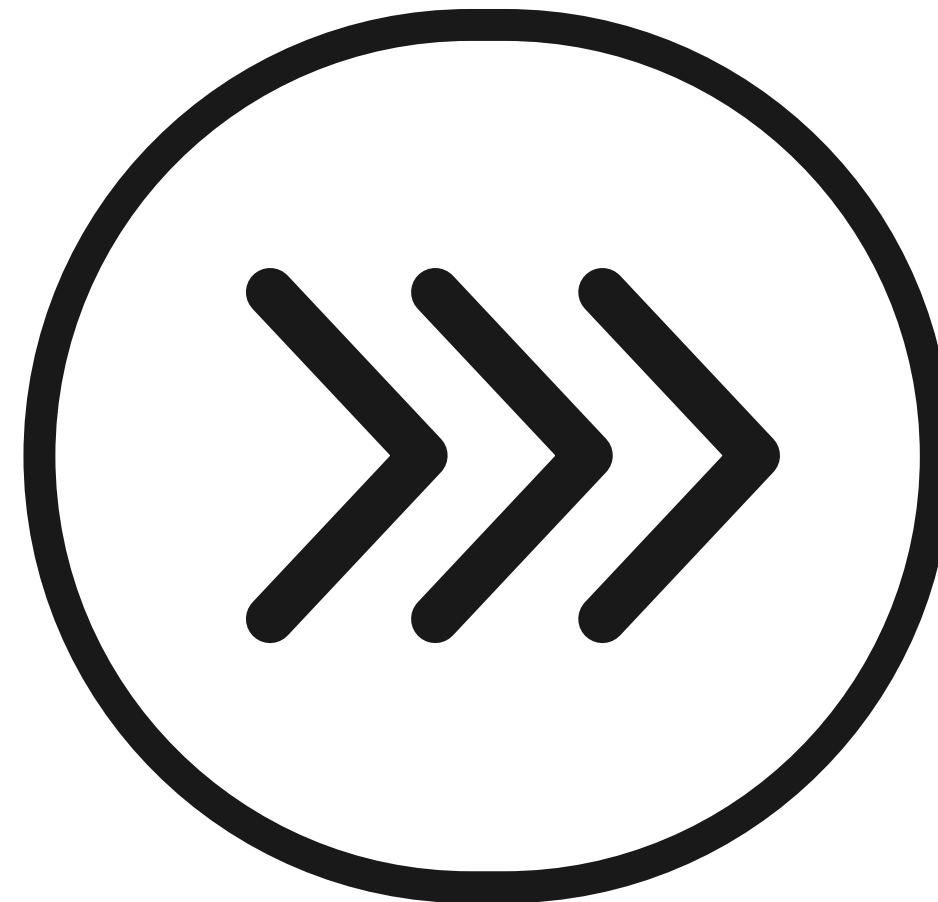
SuperMarkets

ADMIN

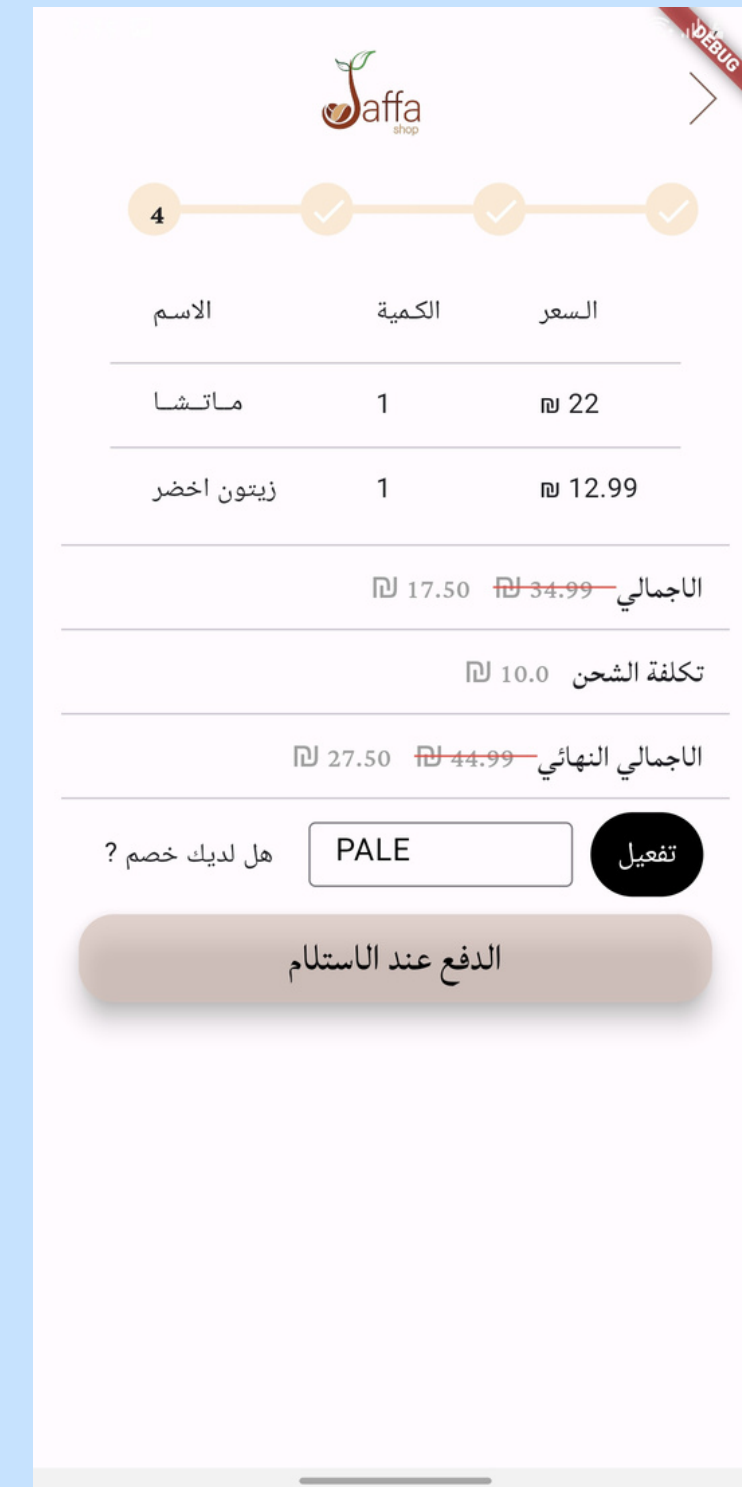
DELIVERY



FEATURES



Tracking Order

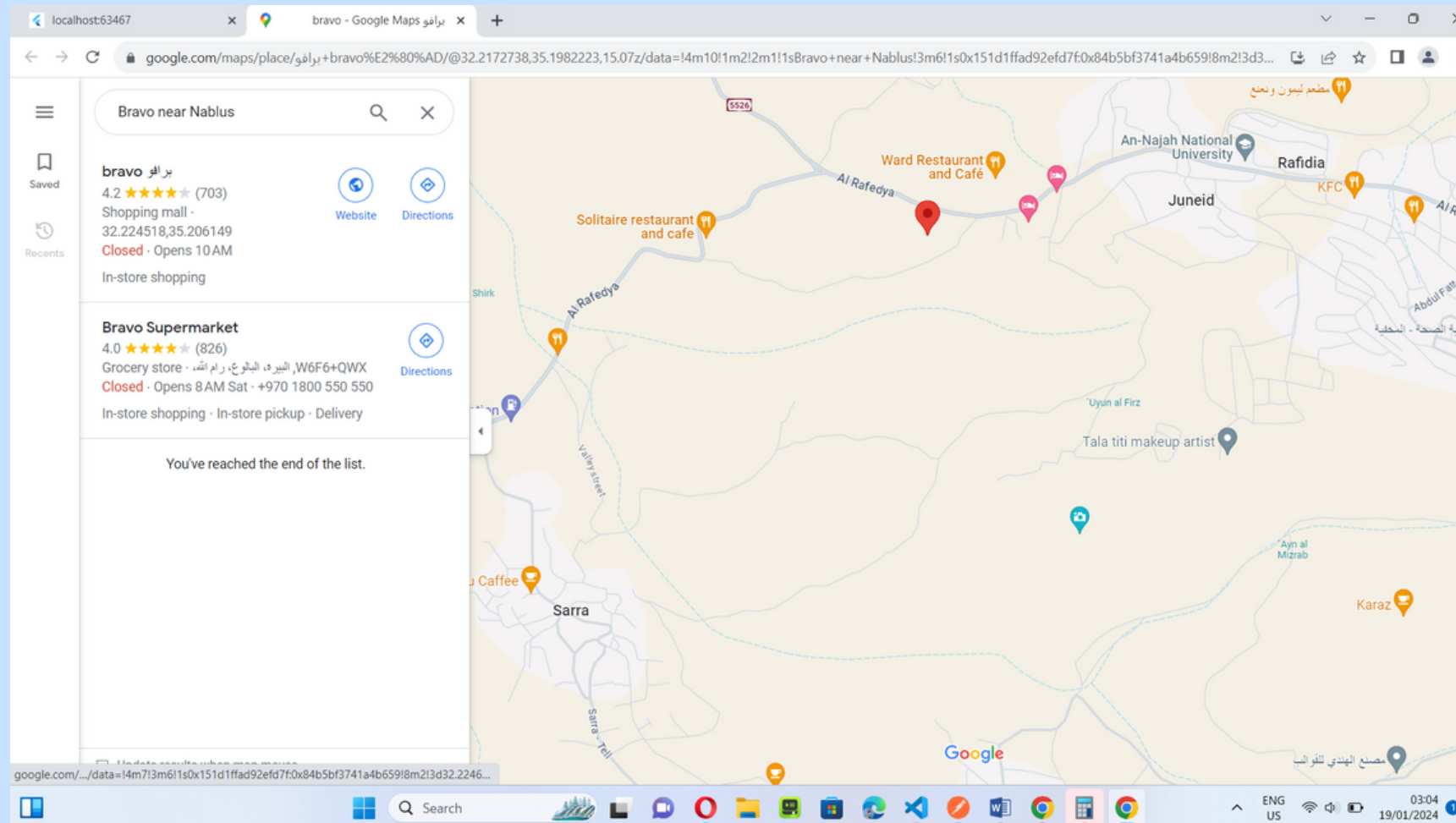
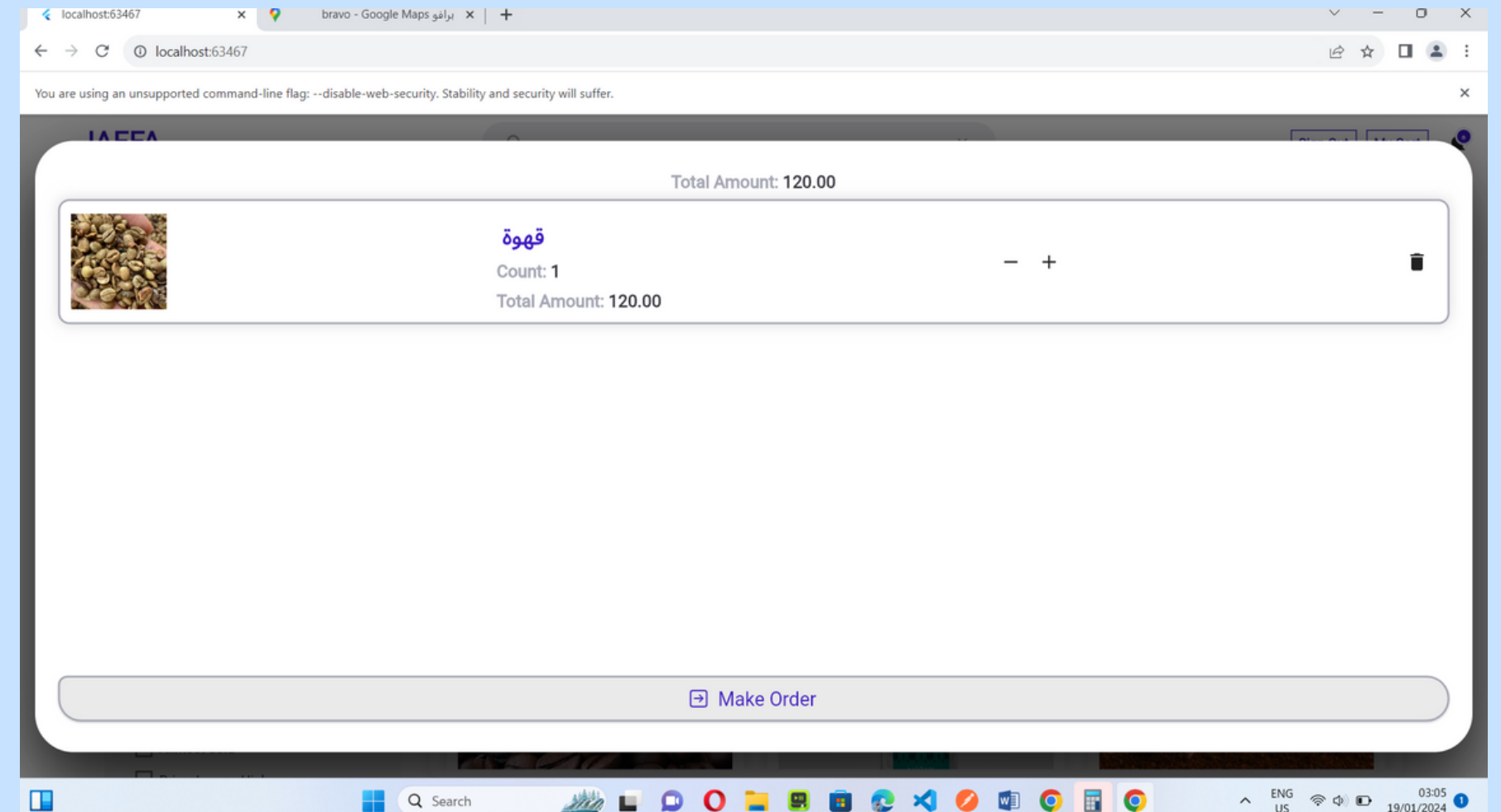


Making Order

superMarket
side

Tracking Order

Cart Screen

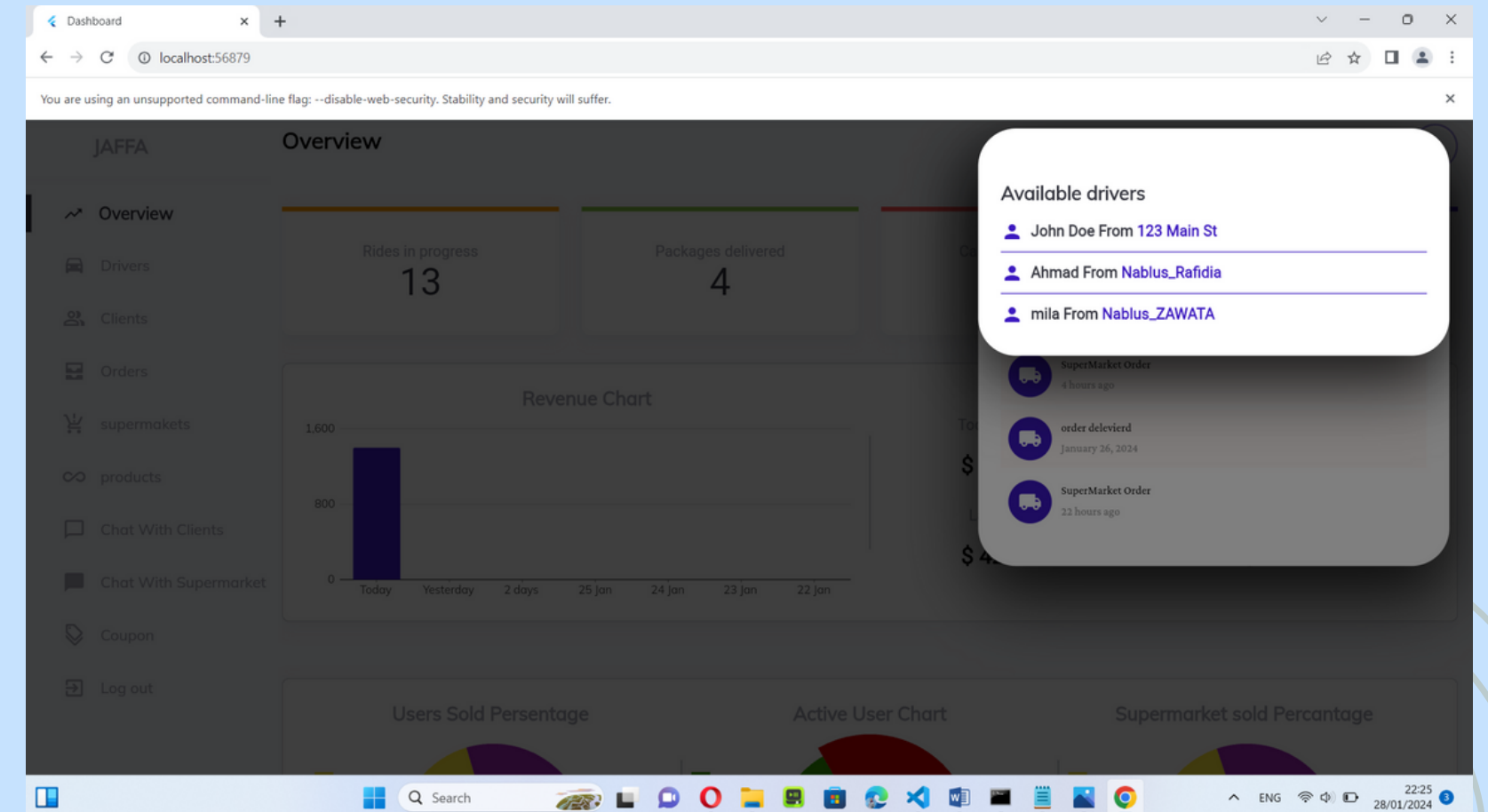
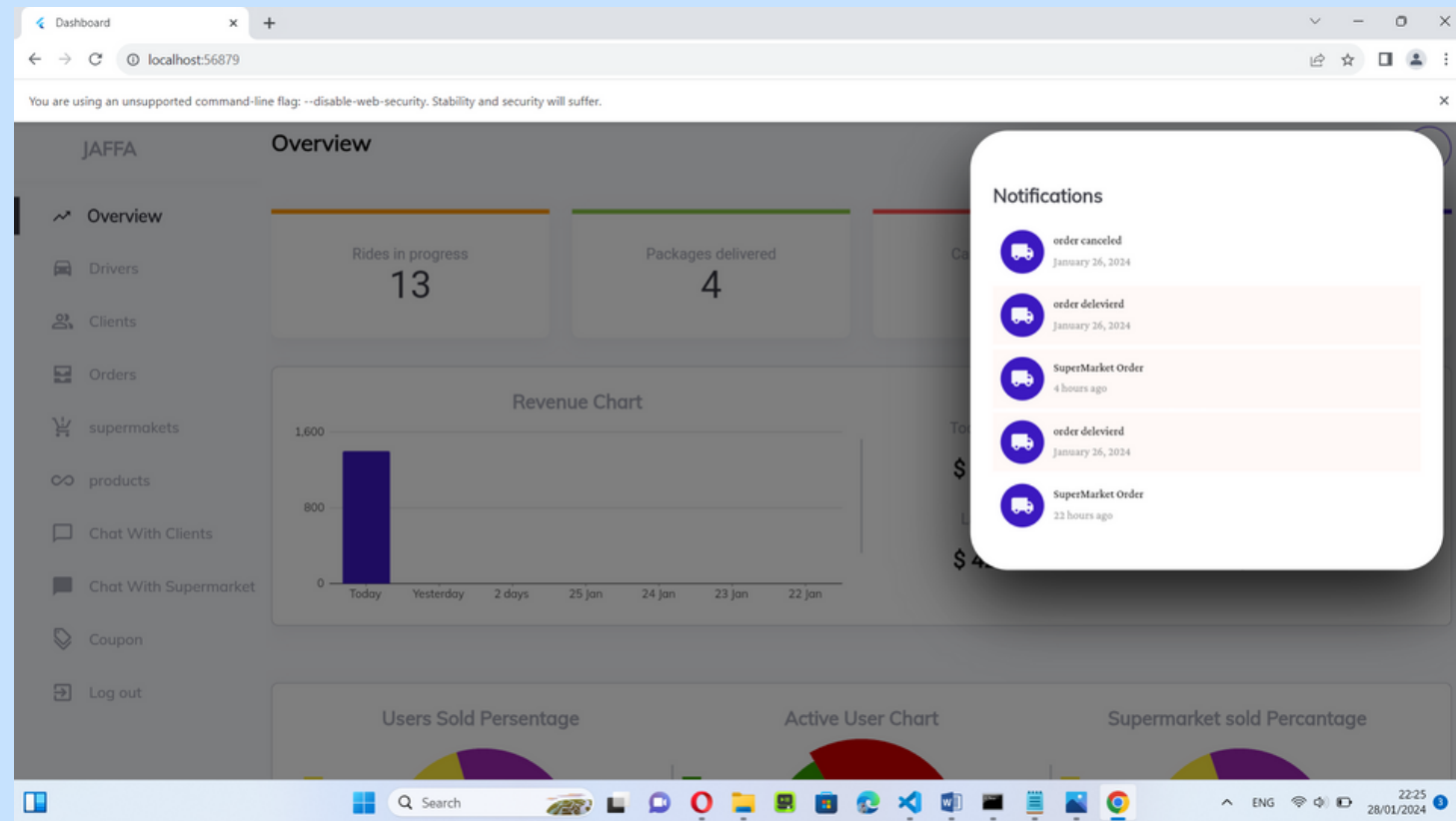


Location Screen



Tracking Order

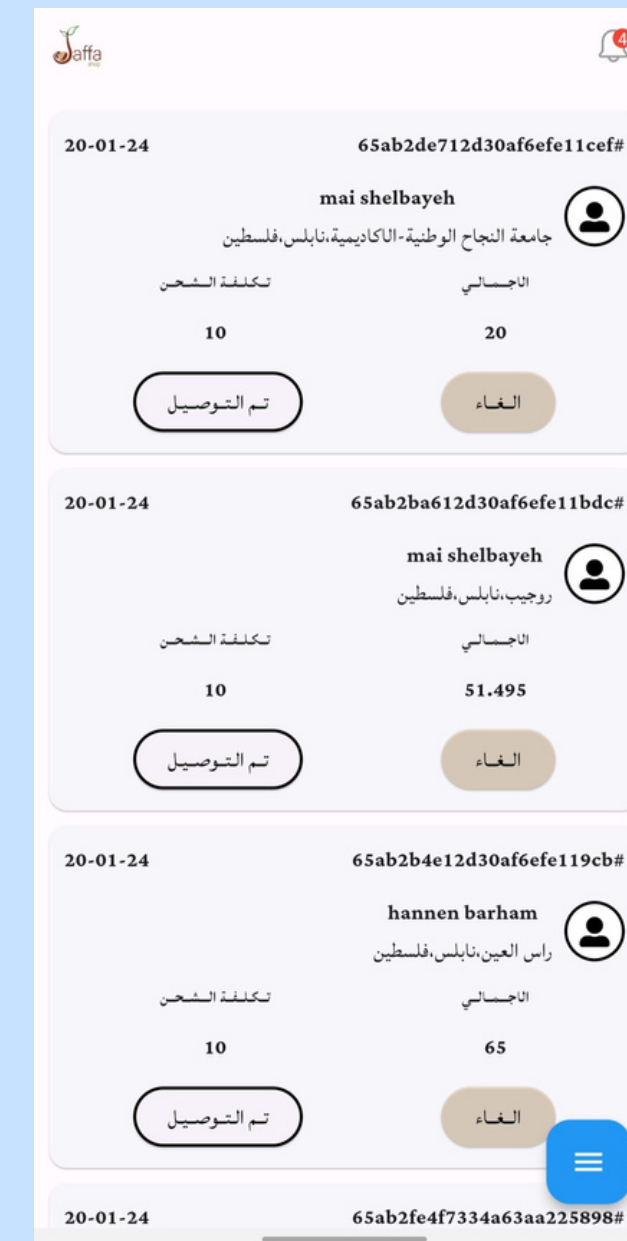
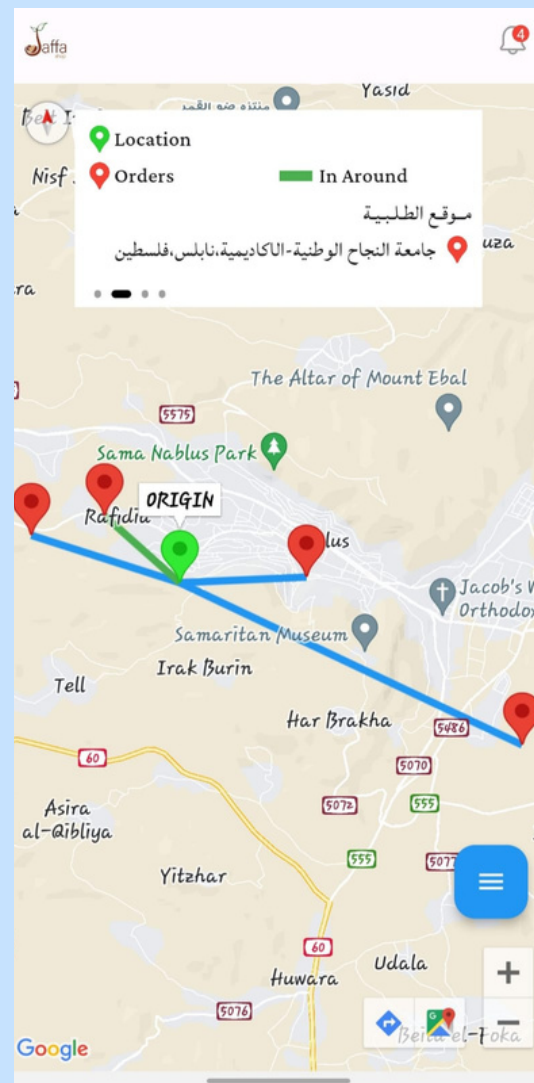
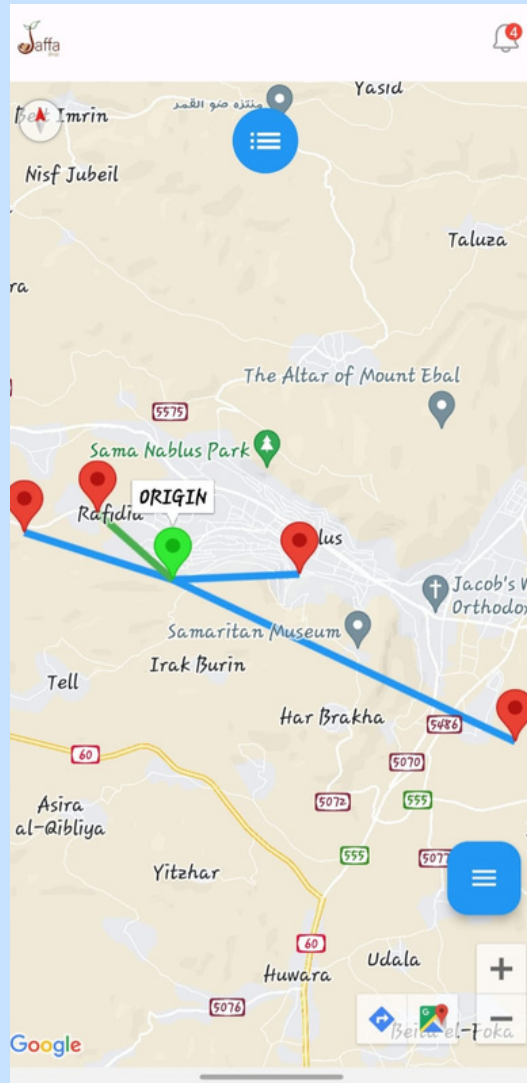
**The admin receives
the order, As
notification**



**choose Suitable
Delievery**

Tracking Order

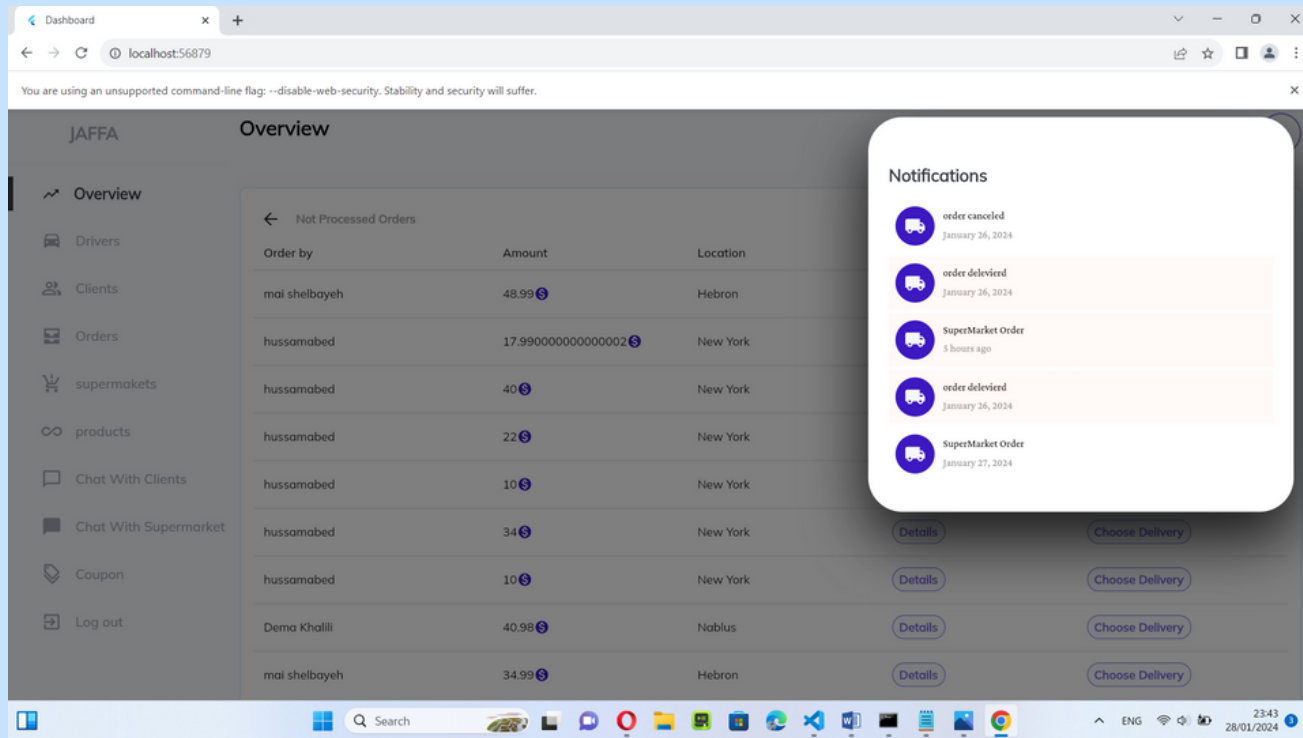
The orders will be sorted using simulated annealing to determine the optimal path



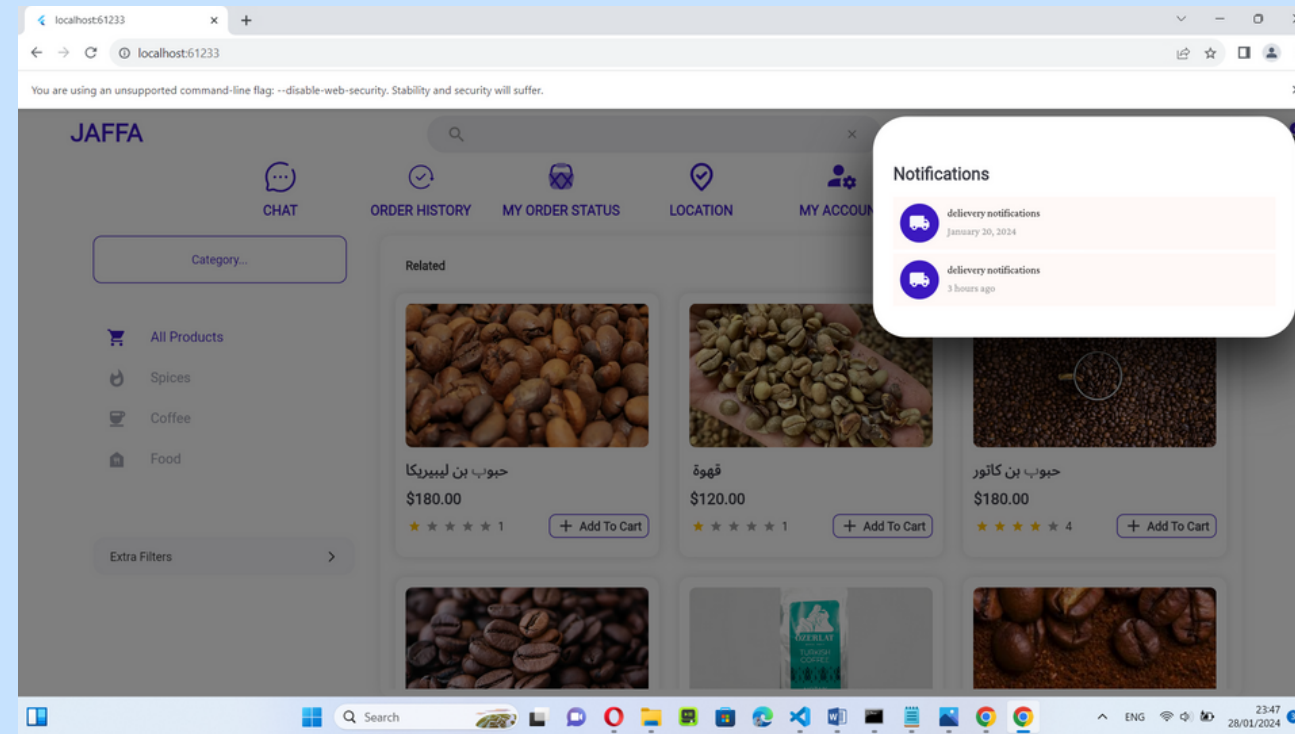
Display all orders, notify the user, and update their status

Tracking Order

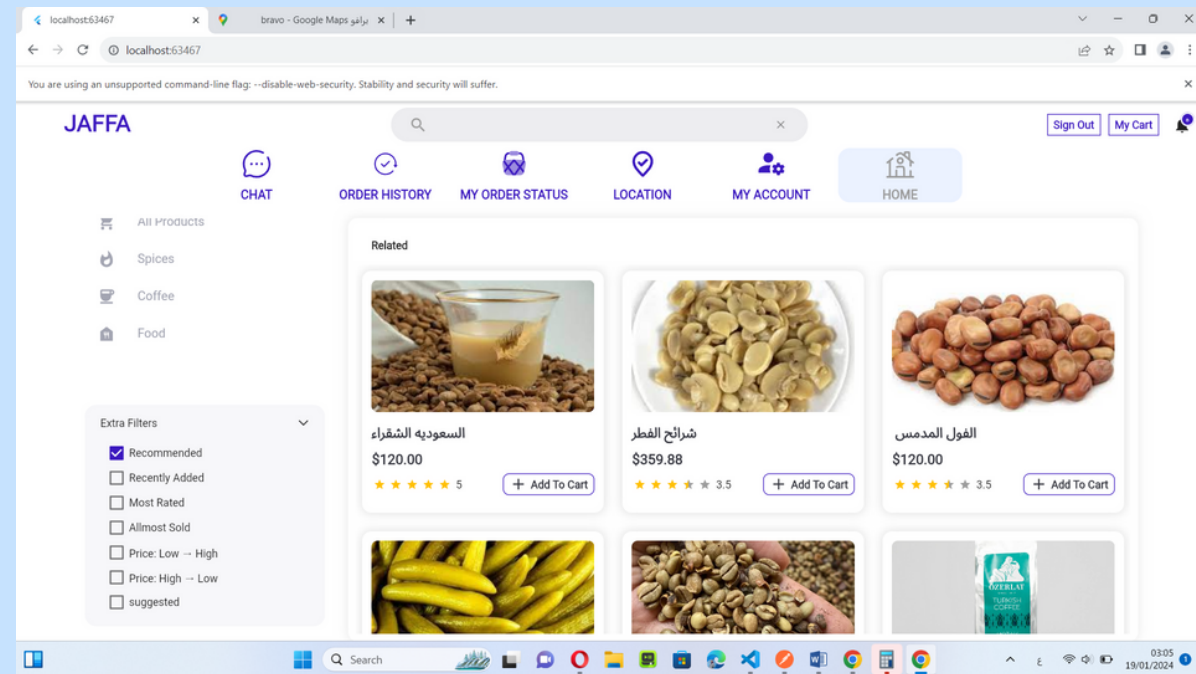
The delivery process will notify the admin regarding the status of users' orders



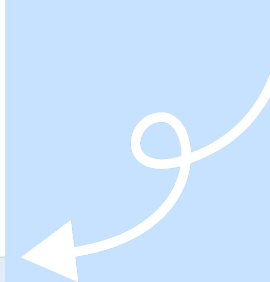
The delivery process will notify the admin regarding the status of users' orders and will also inform the respective users who placed the orders.



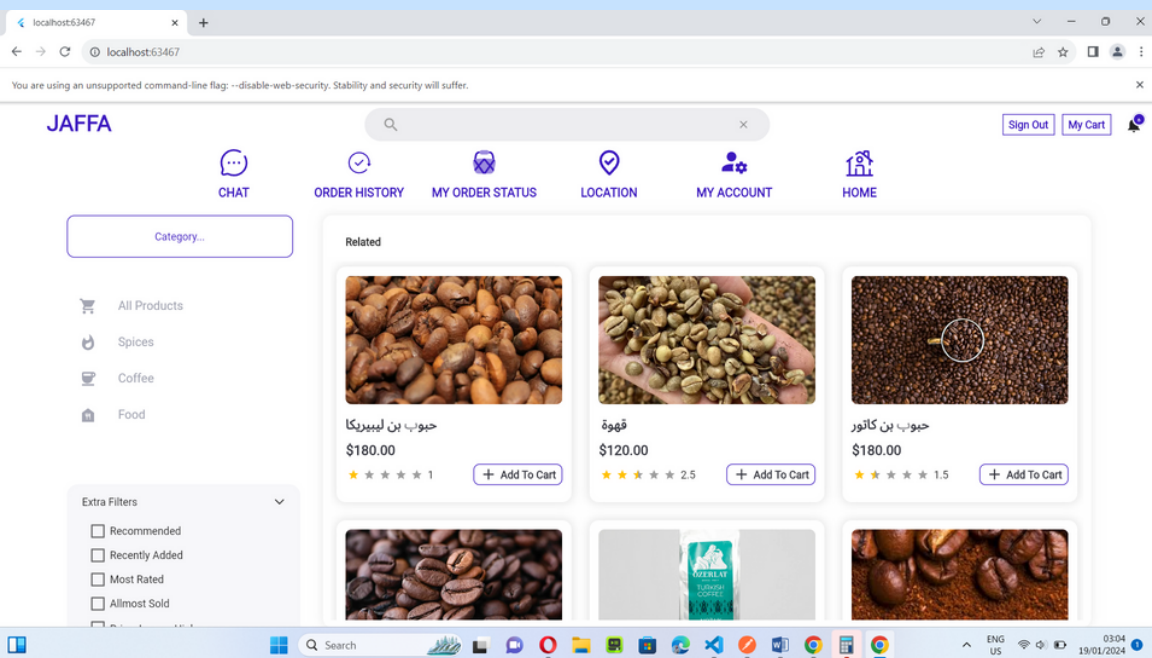
Recommendation System



recommended list



Generate a list of recommended products based on their similarity in ratings provided by different users



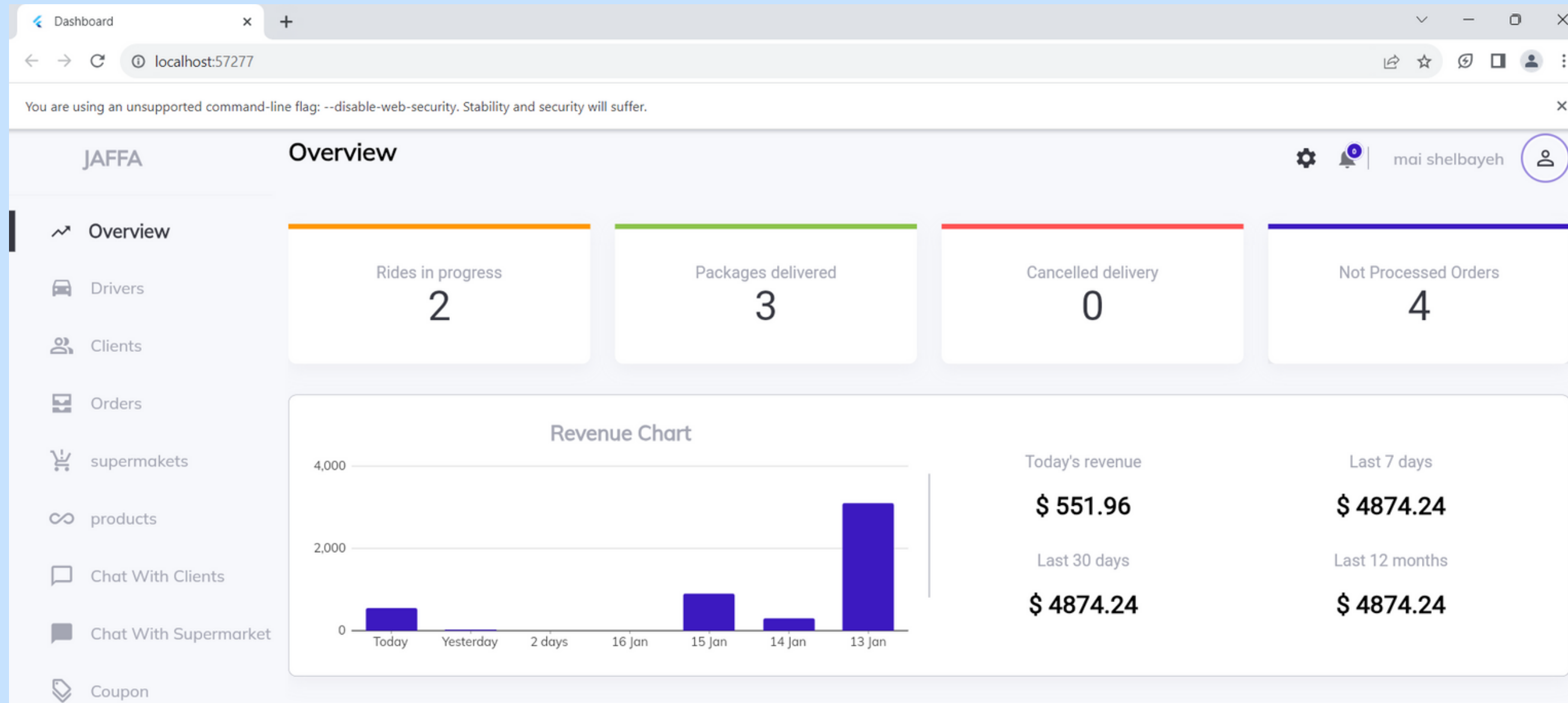
normal list



Press CTRL+C to quit

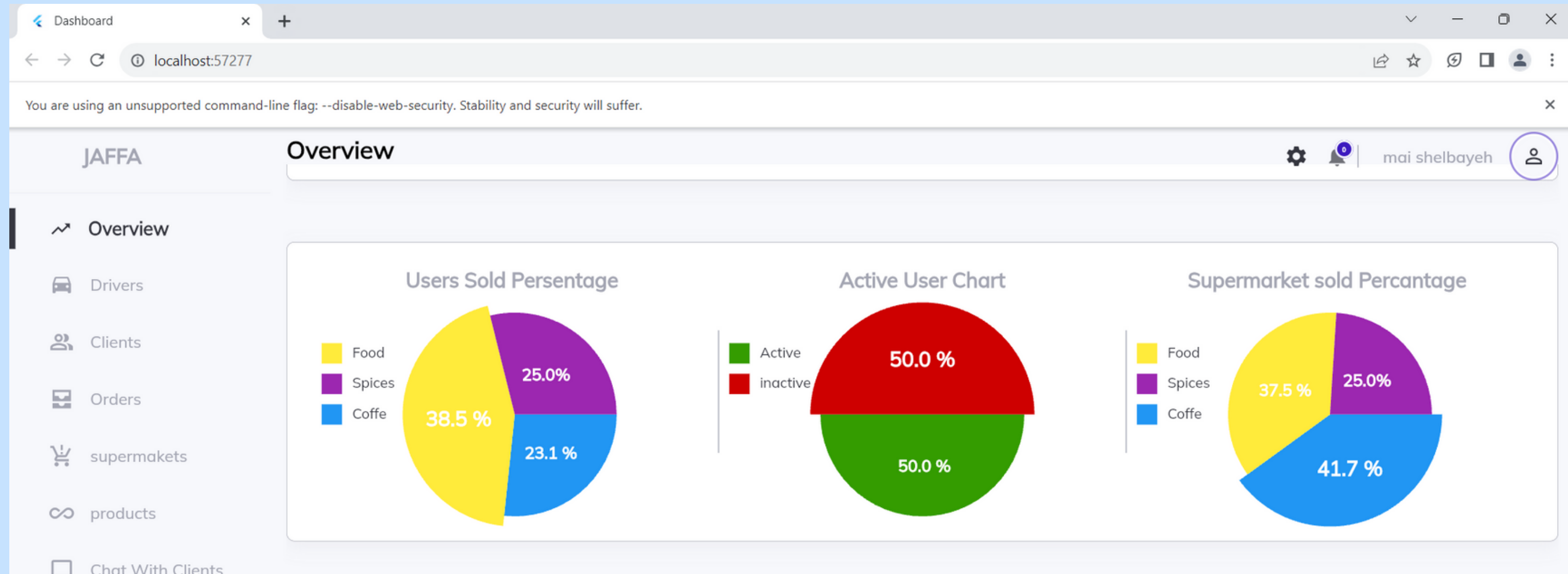
```
Similar users and their similarity scores for User 657bc981ba20f3b4cfb2b937:  
User 6590b326eb0252b34c26e0dc - Similarity Score: 0.8273757551638536  
User 6590c3e05a96a78b25d9492a - Similarity Score: 0.6667850967583184
```

Static Analysis



Last week revenue

Static Analysis



pie charts

Static Analysis

The screenshot shows a web dashboard for 'JAFFA' with the following components:

- Header:** 'JAFFA' logo, 'Overview' title, settings, notifications, and user profile 'mai shelbayeh'.
- Navigation Menu:** Overview, Drivers, Clients, Orders, supermarkets, products, Chat With Clients, Chat With Supermarket, Coupon, Log out.
- Overview Chart:** A bar chart titled 'Most Sold Products' showing sales for various items. The y-axis ranges from 0 to 260. The x-axis lists products in Arabic.
- Available Drivers Table:** A table with columns for Name, Location, Phone Number, and Action (Assign Delivery).

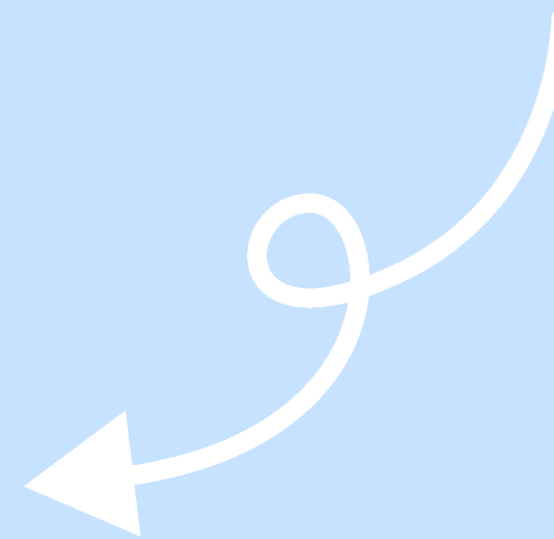
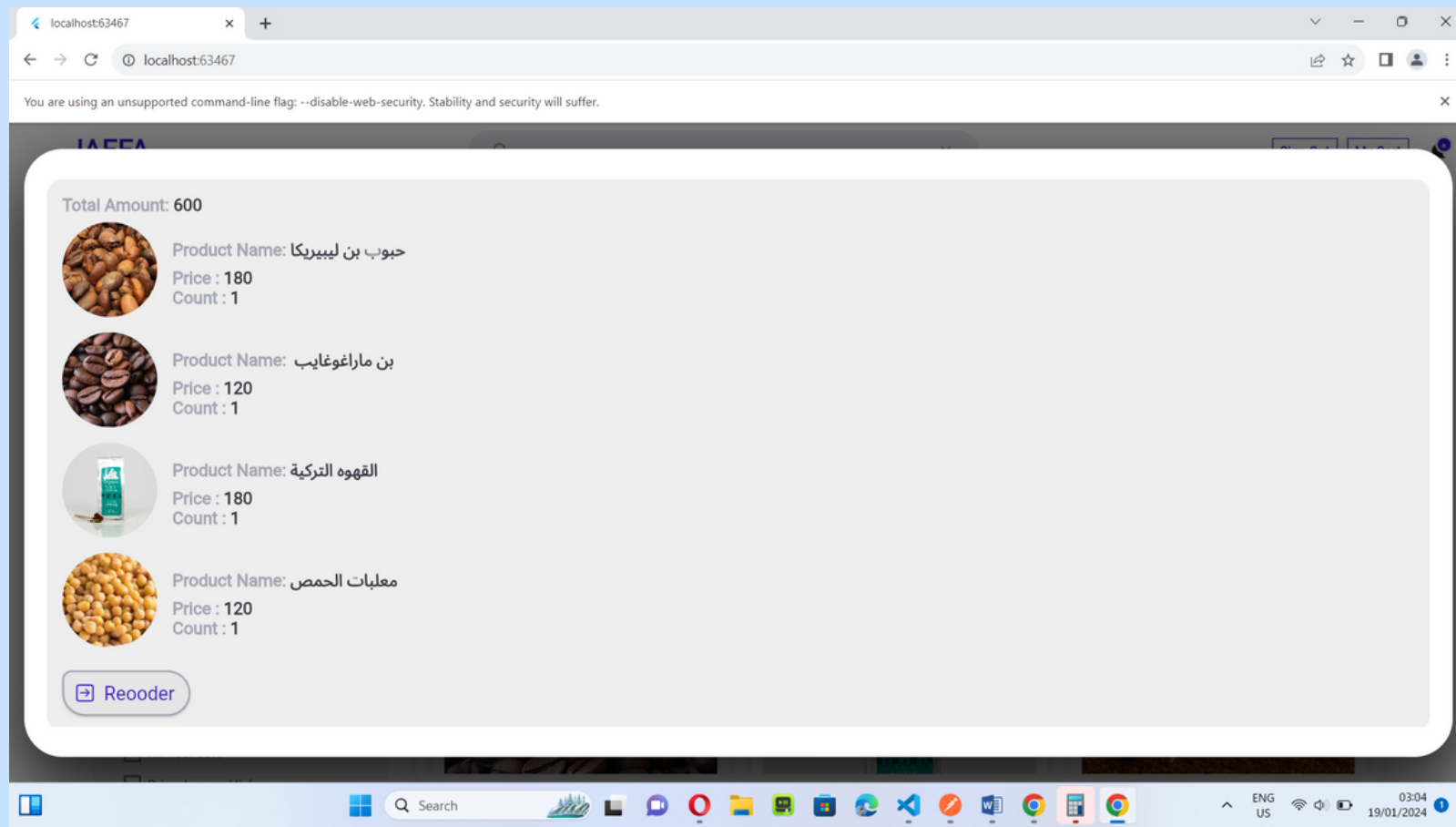
| Name | Location | Phone Number | Action |
|----------|----------------|--------------|-----------------|
| John Doe | 123 Main St | 5551234 | Assign Delivery |
| Ahmad | Nablus_Rafidia | 12345678 | Assign Delivery |
| mila | Nablus_ZAWATA | 87654321 | Assign Delivery |

| Product | Sales |
|------------------|-------|
| صلصة البندورة | 260 |
| كبسولات القهوة | 245 |
| زيت زيتون | 225 |
| نسكافيه | 200 |
| رمان | 155 |
| سبانخ | 150 |
| حبوب بن ليبيريكا | 150 |
| قهوة | 115 |
| القهوه التركية | 110 |
| السعوديه الشقراء | 105 |

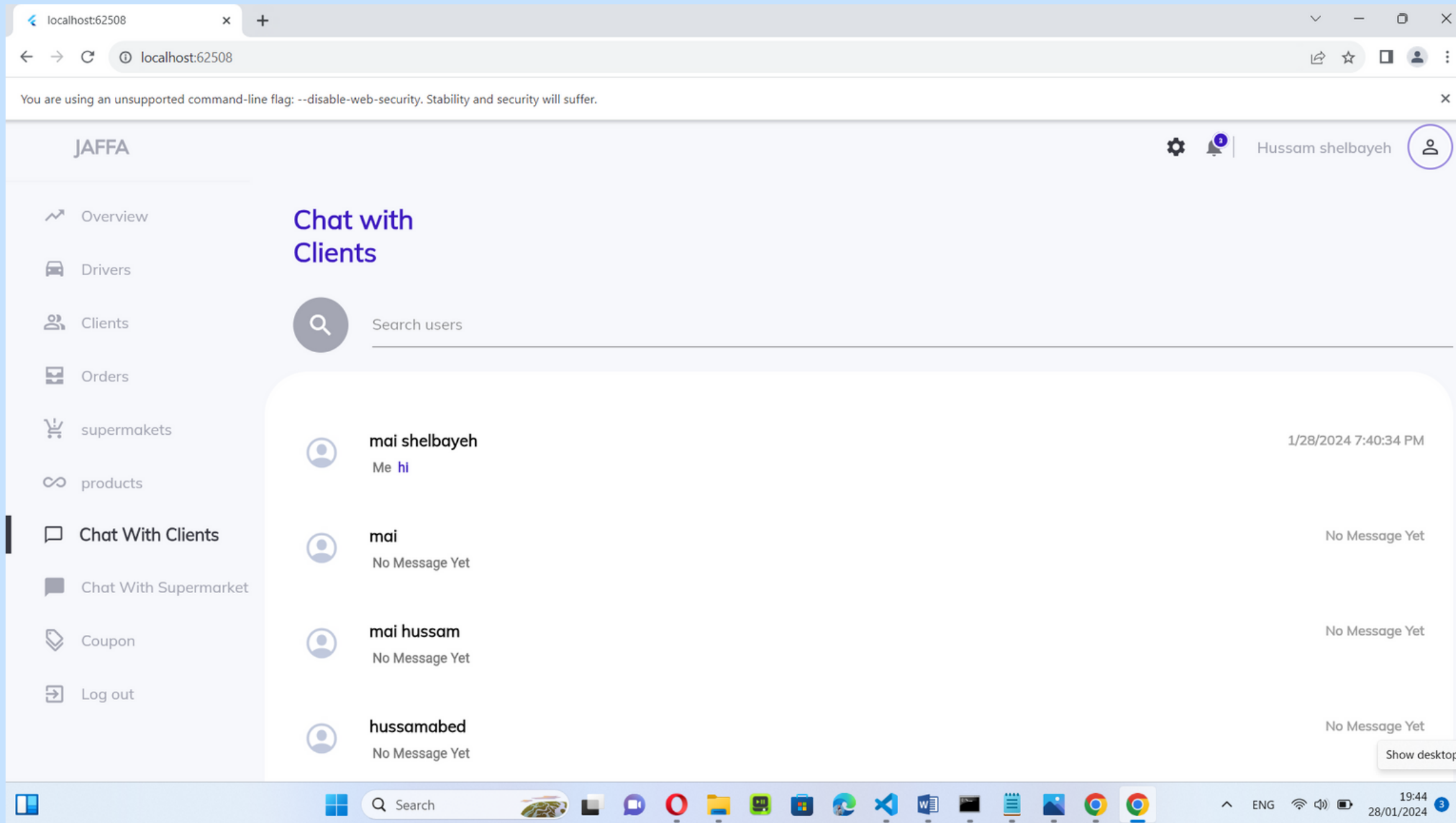
Best Soltage

Reorder the orders for supermarkets

We have introduced a feature to facilitate easy reordering for supermarkets



CHATTING



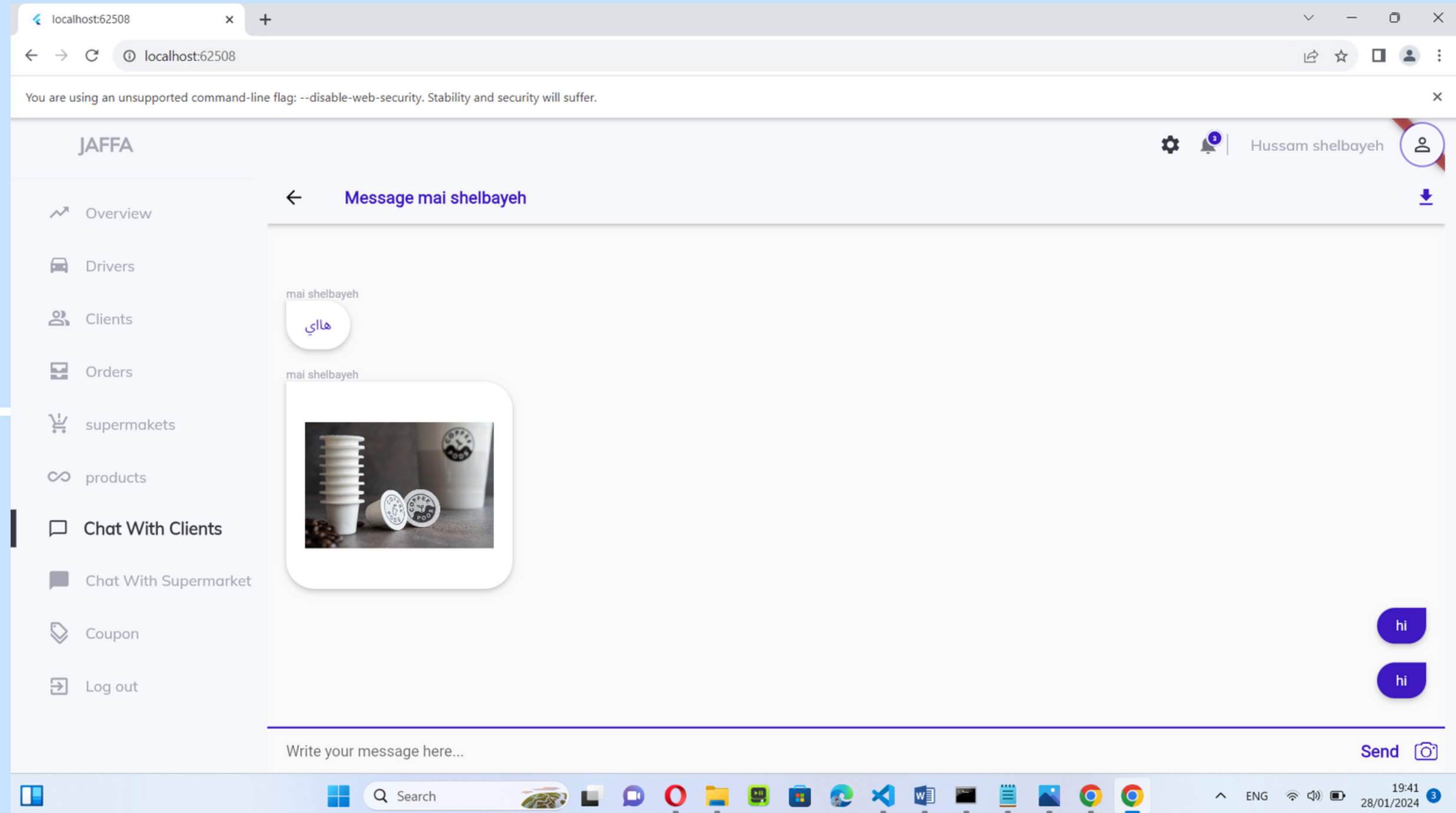
Admin see messages from clients

search for client to send message

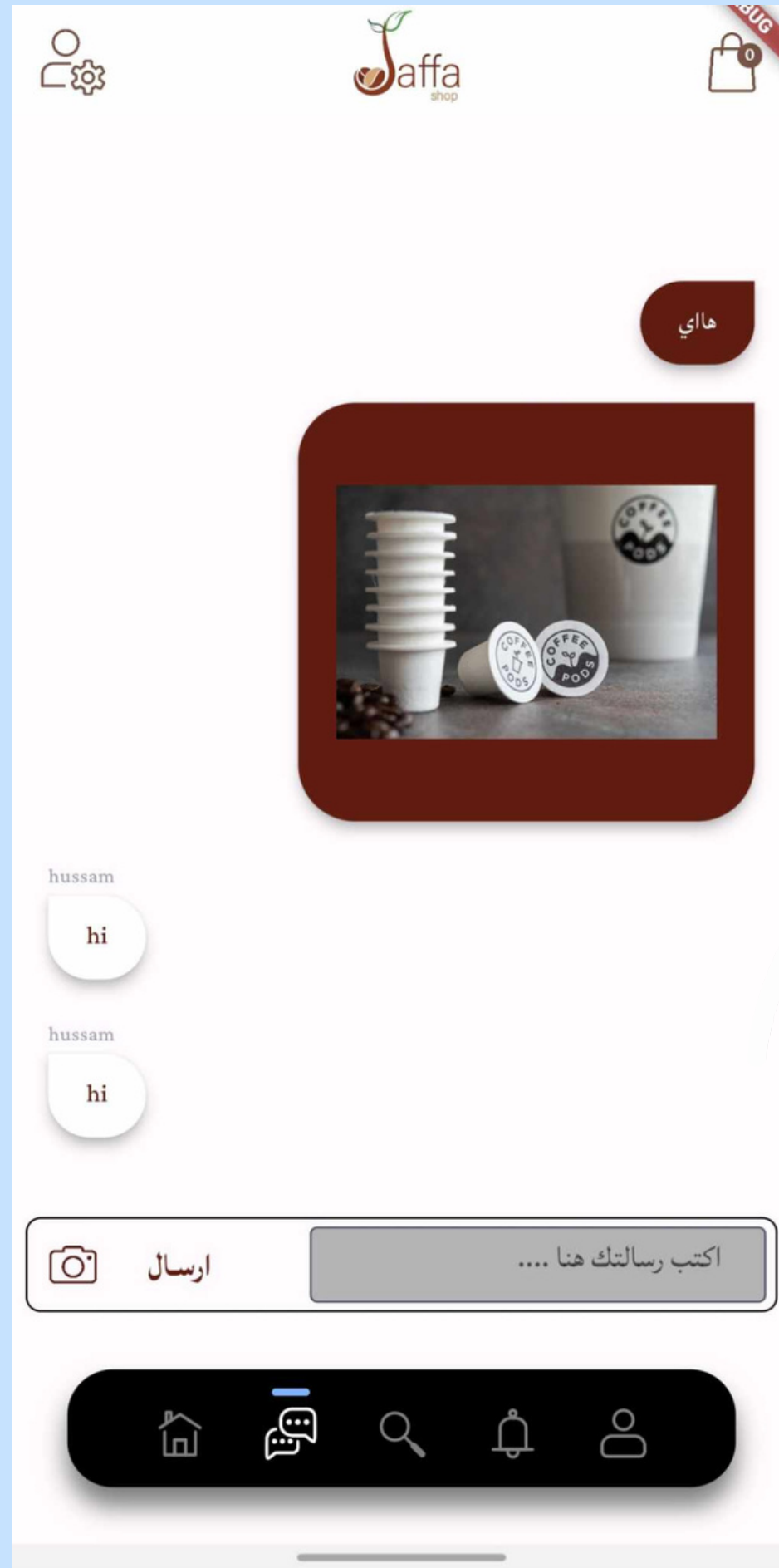
CHATTING

Send message to client

See messages from client



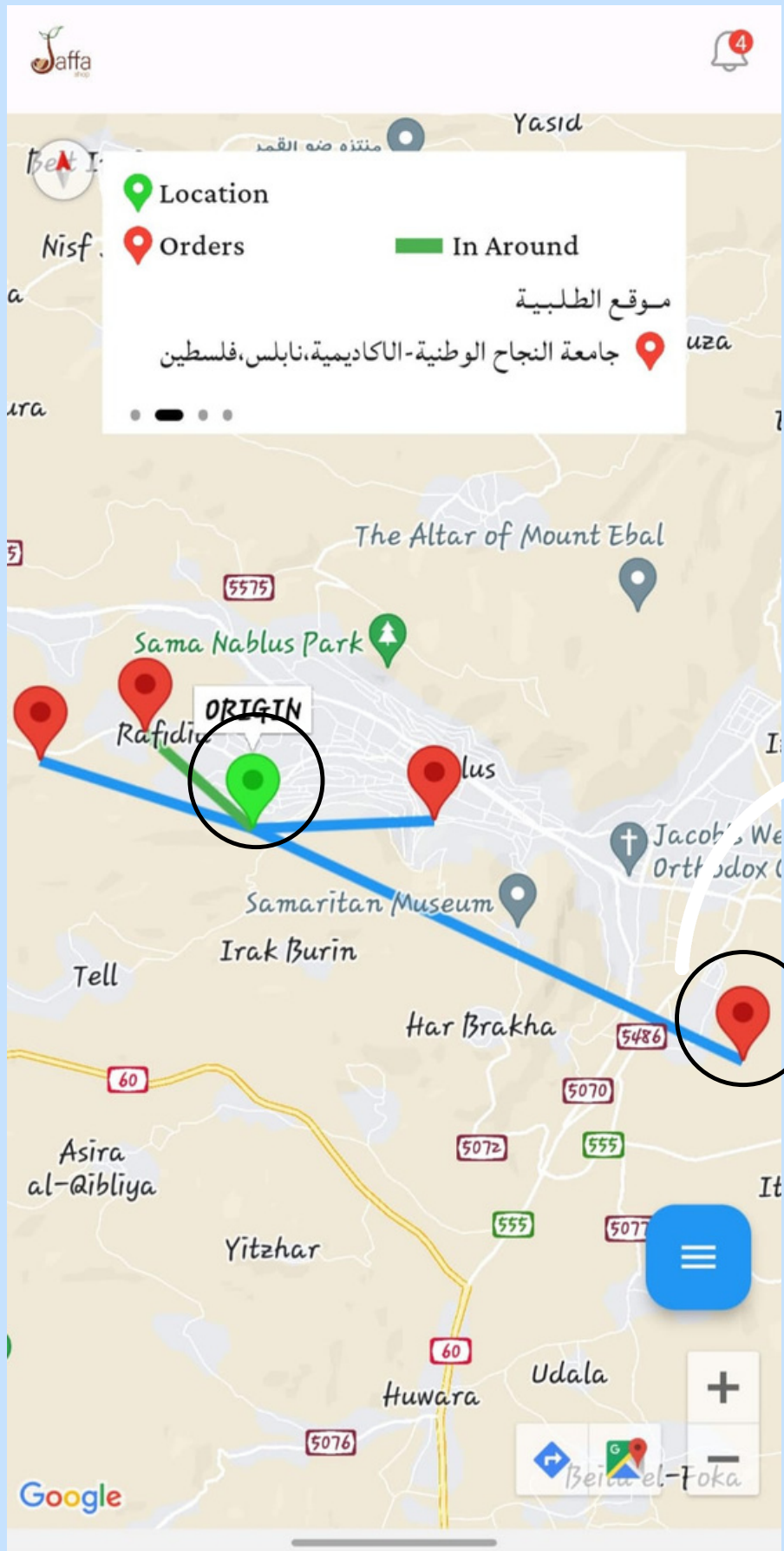
CHATTING



Client chat with admin, by sending messages and Images

Simulated Annealing for Order Location Optimization

The challenge of making delivery routes as efficient as possible. find the best way to deliver orders, It's like figuring out the most effective path to save time and money in the delivery process



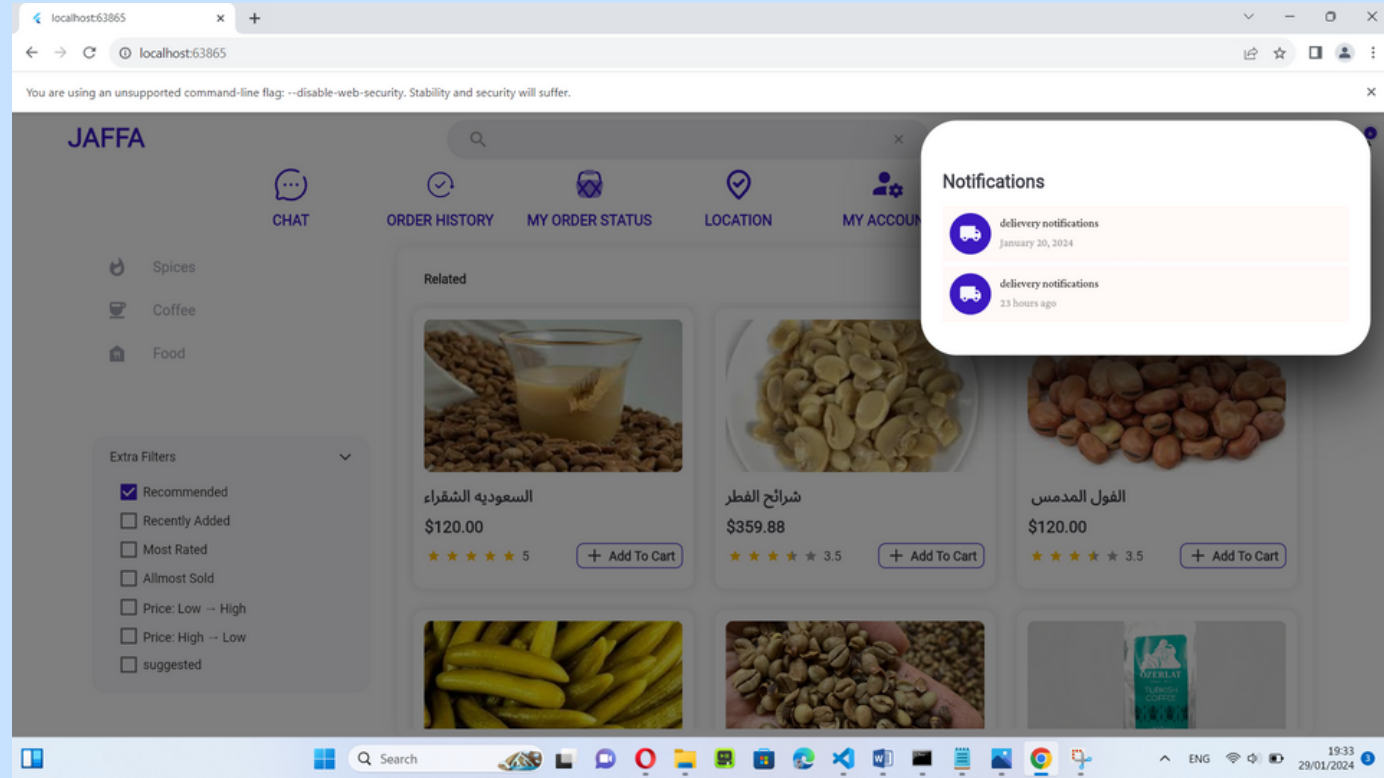
Represent input data for delivery and orders location from map read it as longitude and latitude

Generate list of optimization way to finish orders

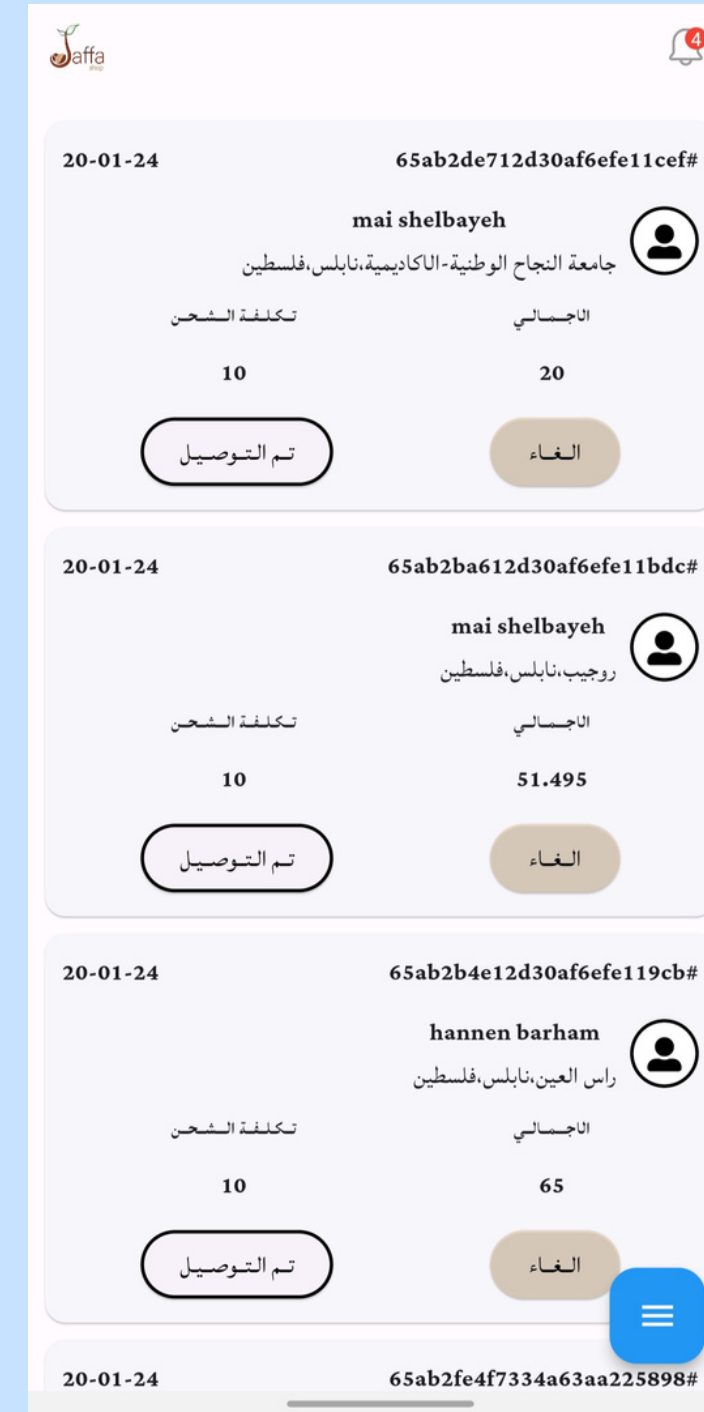
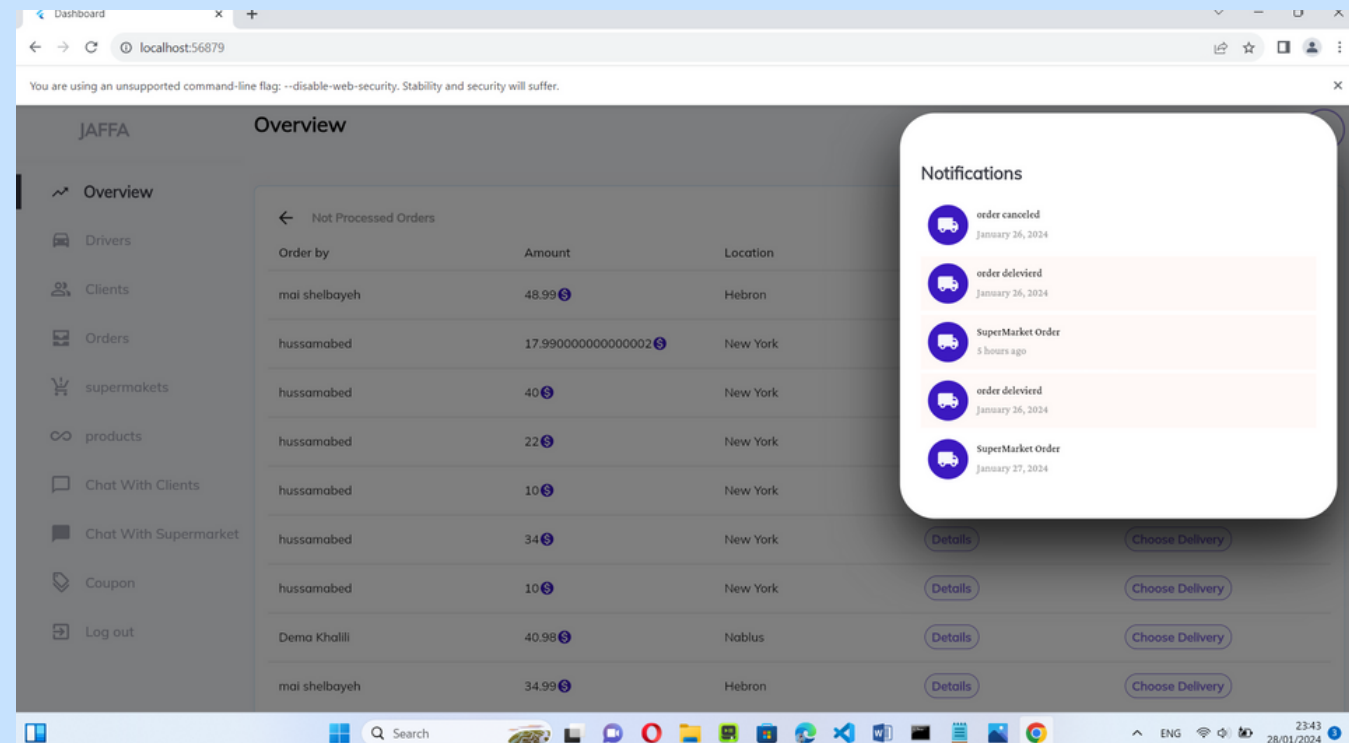
```
[0, 633.1140000000001, 1546.4470000000003]
[633.1139999999999, 0, 1135.1149999999996]
[1546.4470000000003, 1135.115, 0]
Optimized Delivery Route (Coordinates): [[32.2166477, 35.2592609], [32.224689999999995, 35.206401899999996]]
Optimized Total Distance: 1768.2289999999998
```

Notification System For All Users

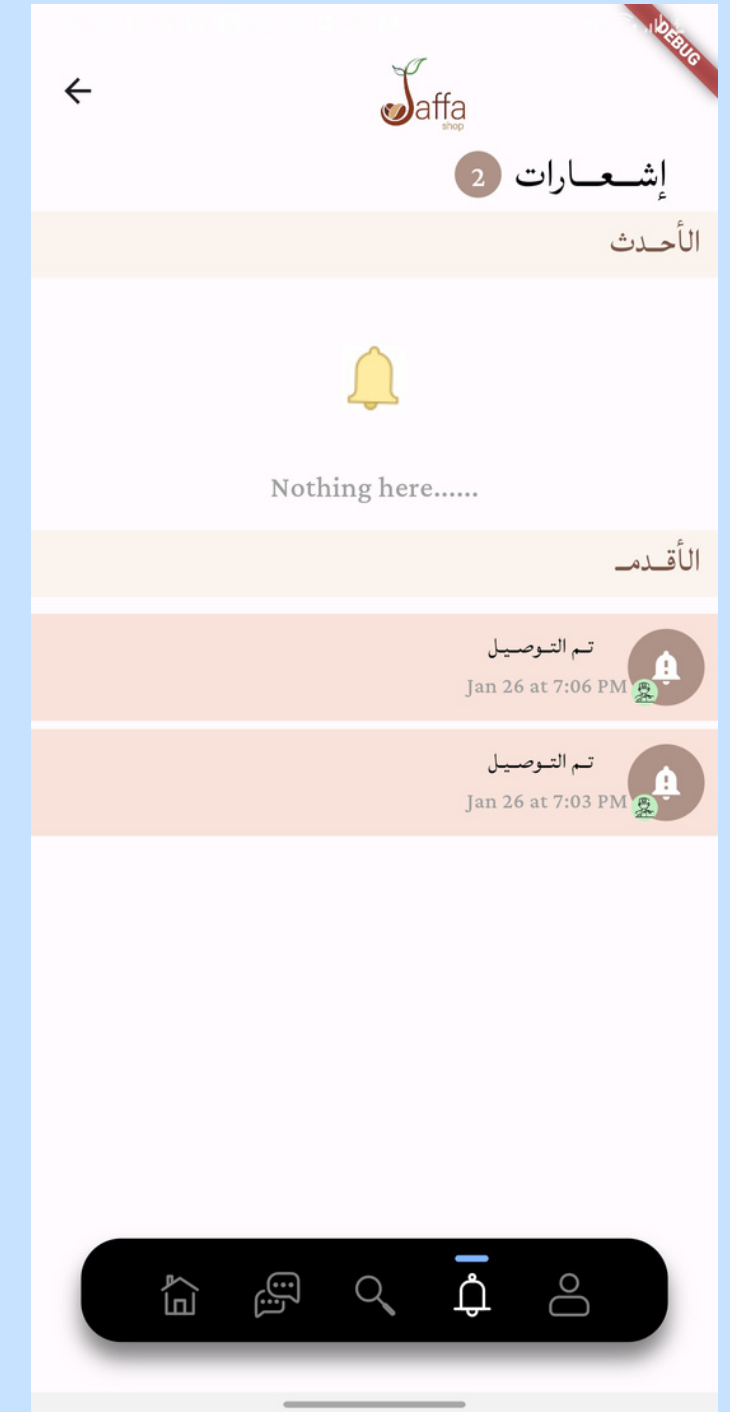
supermarket



admin



Delivery



user

Admin Tables

Orders Tables

The screenshot shows the 'supermakets' table in the JAFFA dashboard. The table has four columns: Name, Location, Order Count, and Action. The data rows are as follows:

| Name | Location | Order Count | Action |
|--------|---------------|-------------|-----------------------|
| Bravo | برافو، نابلس" | 7 | Block |
| Redz | | 0 | Block |
| shiney | | 0 | Block |

The screenshot shows the 'Orders' table in the JAFFA dashboard. The table has five columns: Order by, Amount, Location, Status, and Details. The data rows are as follows:

| Order by | Amount | Location | Status | Details |
|---------------|--------|----------|---------------|-------------------------|
| mai shelbayeh | 15 € | | Not Processed | Details |

Below this is a table for 'ALL Supermarket Orders':

| Order by | Amount | Location | Status | Details |
|----------|----------------------|---------------|-----------------|-------------------------|
| Bravo | 600 € | برافو، نابلس" | Delivered € | Details |
| Bravo | 2495.5200000000004 € | برافو، نابلس" | Not Processed € | Details |
| Bravo | 300 € | برافو، نابلس" | Delivered € | Details |
| Bravo | 360 € | برافو، نابلس" | Delivered € | Details |
| Bravo | 551.76 € | برافو، نابلس" | Processing € | Details |
| Bravo | 180 € | برافو، نابلس" | Not Processed € | Details |

Supermarket Tables

The screenshot shows the 'Orders' table with an 'Order Details' modal open. The modal displays the following information:

- Product Name: حبوب القهوة السوداء
- Count: 3

The modal also features an image of coffee beans.

Orders Details

Admin Tables

Products Tables

JAFFA products

All products coffee spices Food Almost sold out Best Sellers

| Image | Name | sold product | #Product in store | Price | Type | Delete | Update |
|-------|------------------|--------------|-------------------|-------|------|--------|--------|
| | حبوب بن ليبيركا | 150 | 30 | 15 | ☞ | Delete | Update |
| | قهوة | 114 | 44 | 10 | ☞ | Delete | Update |
| | حبوب بن كاتور | 20 | 20 | 15 | ☞ | Delete | Update |
| | بن ماراغوايب | 11 | 49 | 10 | ☞ | Delete | Update |
| | القهوة التركية | 109 | 41 | 15 | ☞ | Delete | Update |
| | القهوة البنية | 100 | 50 | 10 | ☞ | Delete | Update |
| | السعوديه الشقراء | 108 | 42 | 10 | ☞ | Delete | Update |
| | معلبات الحمص | 30 | 50 | 10 | ☞ | Delete | Update |
| | القول المدمس | 100 | 50 | 10 | ☞ | Delete | Update |

All products coffee spices Food Almost sold out Best Sellers

| Image | Name | sold product | #Product in store | Price | Type | Delete | Update |
|-------|-----------------|--------------|-------------------|-------|------|--------|--------|
| | بهارات الكيچن | 31 | 49 | 20.99 | ☞ | Delete | Update |
| | بهارات الكاري | 101 | 49 | 10.99 | ☞ | Delete | Update |
| | زعتن فلسطيني | 114 | 15 | 7.99 | ☞ | Delete | Update |
| | بهارات المسالا | 104 | 46 | 10.99 | ☞ | Delete | Update |
| | جوزة الطيب | 105 | 45 | 13 | ☞ | Delete | Update |
| | فلفل اسود | 104 | 46 | 10 | ☞ | Delete | Update |
| | بهارات فاهيتا | 104 | 46 | 12 | ☞ | Delete | Update |
| | ملح ليمون | 101 | 49 | 12 | ☞ | Delete | Update |
| | القرفة المطحونه | 102 | 48 | 9 | ☞ | Delete | Update |

products

All products coffee spices Food Almost sold out Best Sellers

| Image | Name | sold product | #Product in store | Price | Type | Delete | Update |
|-------|------------------|--------------|-------------------|-------|------|--------|--------|
| | حبوب بن ليبيركا | 150 | 30 | 15 | ☞ | Delete | Update |
| | قهوة | 114 | 44 | 10 | ☞ | Delete | Update |
| | حبوب بن كاتور | 20 | 20 | 15 | ☞ | Delete | Update |
| | بن ماراغوايب | 11 | 49 | 10 | ☞ | Delete | Update |
| | القهوة التركية | 113 | 37 | 15 | ☞ | Delete | Update |
| | القهوة البنية | 100 | 50 | 10 | ☞ | Delete | Update |
| | السعوديه الشقراء | 108 | 42 | 10 | ☞ | Delete | Update |
| | نسكافيه | 207 | 593 | 12 | ☞ | Delete | Update |
| | كيسولات القهوة | 250 | 180 | 30 | ☞ | Delete | Update |

All products coffee spices Food Almost sold out Best Sellers

| Image | Name | sold product | #Product in store | Price | Type | Delete | Update |
|-------|----------------|--------------|-------------------|-------|------|--------|--------|
| | محلل خيار | 105 | 45 | 29.99 | ☞ | Delete | Update |
| | صلصة البندورة | 348 | 2 | 15.99 | ☞ | Delete | Update |
| | زيتون اخضر | 3 | 49 | 12.99 | ☞ | Delete | Update |
| | زيتون الاسود | 5 | 49 | 14.99 | ☞ | Delete | Update |
| | بهارات الكيچن | 31 | 49 | 20.99 | ☞ | Delete | Update |
| | بهارات الكاري | 101 | 49 | 10.99 | ☞ | Delete | Update |
| | زعتن فلسطيني | 114 | 15 | 7.99 | ☞ | Delete | Update |
| | بهارات المسالا | 104 | 46 | 10.99 | ☞ | Delete | Update |
| | جوزة الطيب | 105 | 45 | 13 | ☞ | Delete | Update |

products

All products coffee spices Food Almost sold out Best Sellers

| Image | Name | sold product | #Product in store | Price | Type | Delete | Update |
|-------|-----------------|--------------|-------------------|-------|------|--------|--------|
| | صلصة البندورة | 348 | 2 | 15.99 | ☞ | Delete | Update |
| | كيسولات القهوة | 250 | 180 | 30 | ☞ | Delete | Update |
| | زيت زيتون | 228 | 201 | 40 | ☞ | Delete | Update |
| | نسكافيه | 207 | 593 | 12 | ☞ | Delete | Update |
| | رمان | 153 | 297 | 5 | ☞ | Delete | Update |
| | سمبليخ | 151 | 299 | 12 | ☞ | Delete | Update |
| | حبوب بن ليبيركا | 150 | 30 | 15 | ☞ | Delete | Update |
| | قهوة | 114 | 44 | 10 | ☞ | Delete | Update |
| | زعتن فلسطيني | 114 | 15 | 7.99 | ☞ | Delete | Update |

Admin Tables

JAFFA Clients

| Name | Location | Order Count | Action |
|---------------|----------|-------------|--------|
| Dema | New York | 0 | Block |
| may | Hebron | 0 | Block |
| mai shelbayeh | Hebron | 1 | Block |
| mai | Hebron | 0 | Block |
| hussam | Nablus | 0 | Block |
| mai hussam | Tulkarm | 0 | Block |
| hussamabed | New York | 0 | Block |
| Dema Khalili | Nablus | 0 | Block |
| hala Khalili | Nablus | 0 | Block |

Client Tables

Drivers Tables

JAFFA Drivers

| Name | Location | Phone Number | State | Action |
|----------|----------------|--------------|-------|--------|
| John Doe | 123 Main St | 5551234 | Empty | Block |
| Ahmad | Nablus_Rafidia | 12345678 | Empty | Block |
| mila | Nablus_ZAWATA | 87654321 | Empty | Block |
| khalid | Nablus_ZAWATA | 87654321 | Busy | Block |

Admin Tables

CouponTable

The screenshot shows the JAFFA admin dashboard with the 'Coupon' section active. The table displays the following data:

| Name | Discount | expired Date | Update | Delete |
|---------|----------|--------------|-------------------------|-------------------------|
| PALE | % 50 | 2023-12-30 | <button>Update</button> | <button>Delete</button> |
| PALE123 | % 20 | 2023-12-31 | <button>Update</button> | <button>Delete</button> |
| MAI | % 40 | 2023-12-30 | <button>Update</button> | <button>Delete</button> |

A '+ Add Coupon' button is visible at the bottom center of the table area.

The screenshot shows the 'Add Coupon' modal form. The form fields are:

- Coupon Name:
- Discount:
- Expiry Date: 2024-01-19

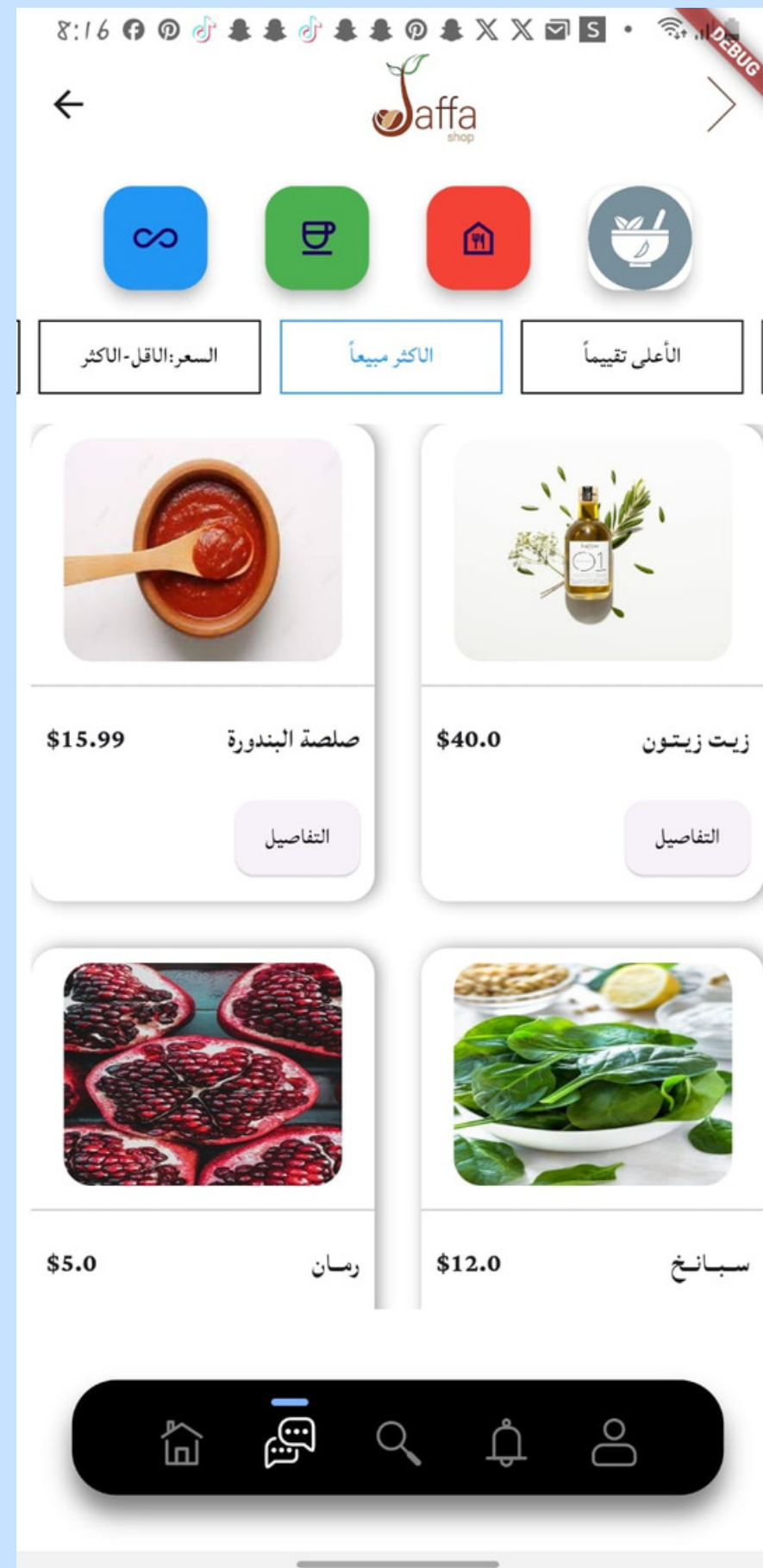
Buttons: Cancel ADD

The screenshot shows the 'Update Coupon' modal form. The form fields are:

- Coupon Name: PALE
- Discount: 50
- Expiry Date: 2023-12-30

Buttons: Cancel Update

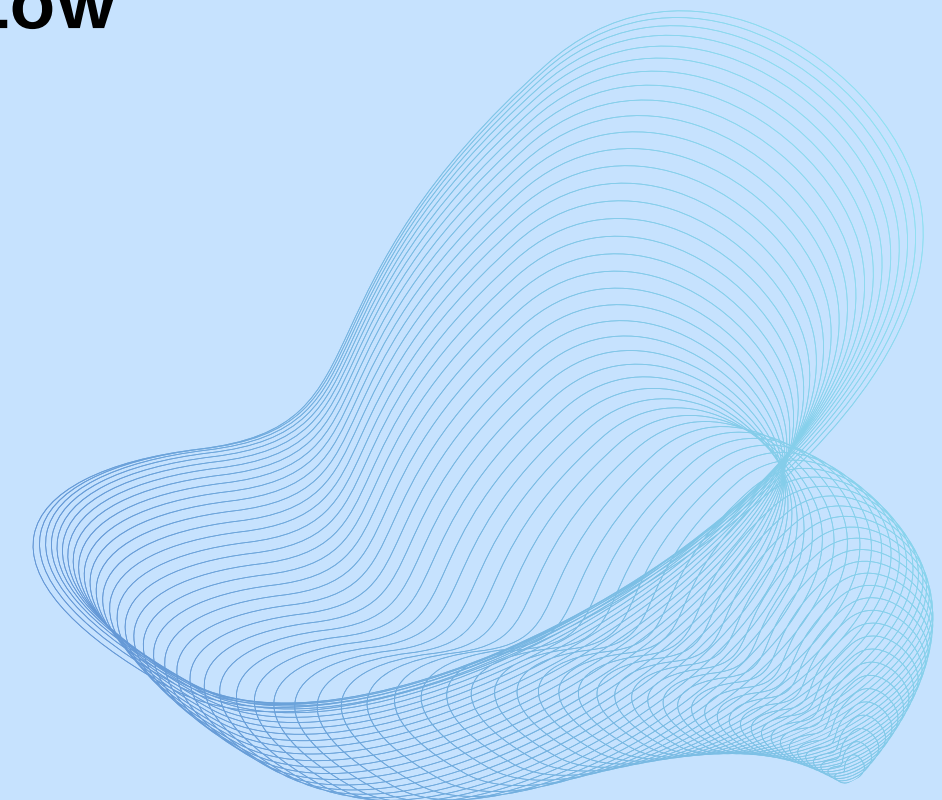
Product Filtering



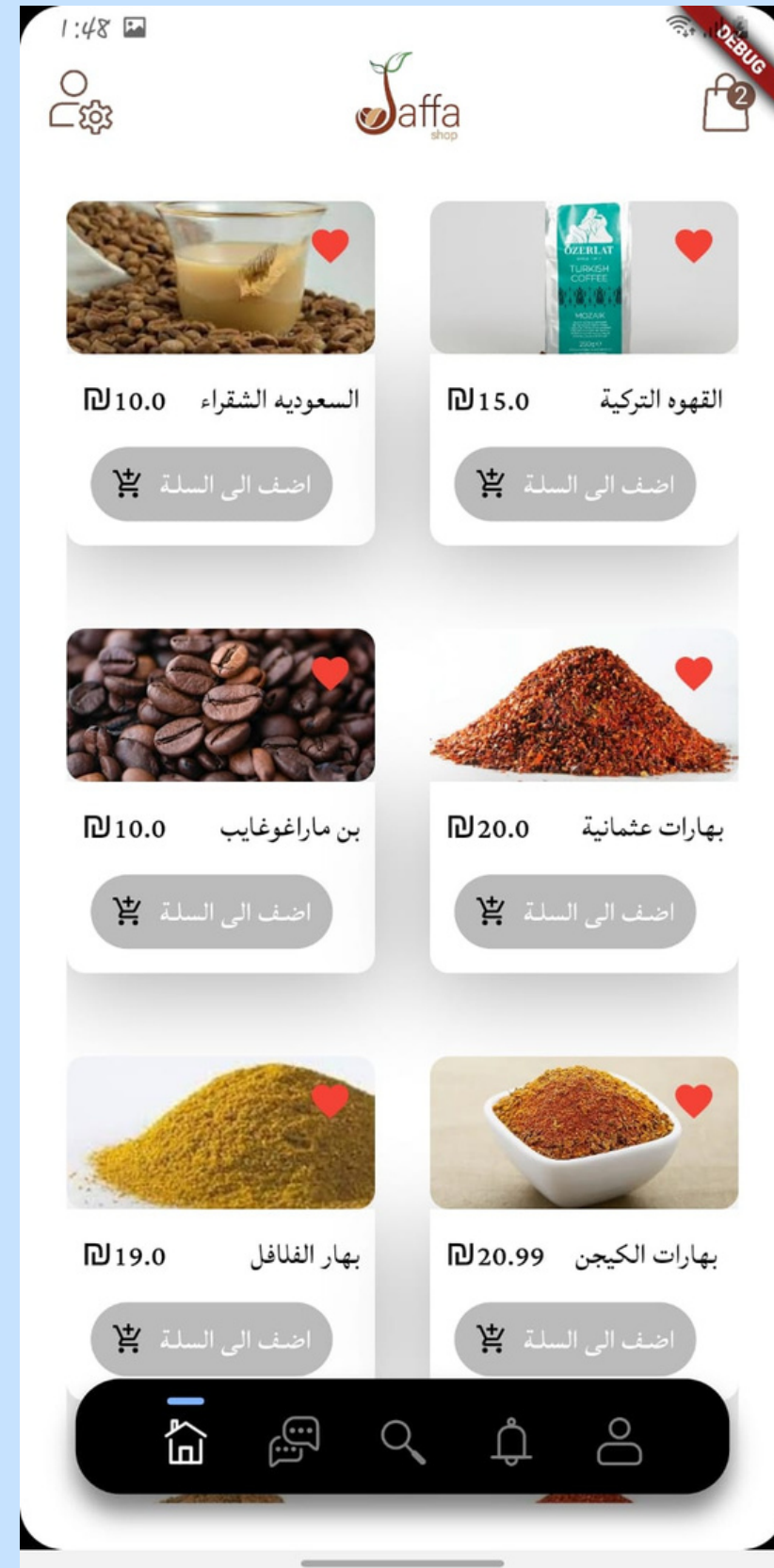
Client navigates through distinct pages:
Coffee, Spices, Food.

Enhance your product search with a variety of filters.

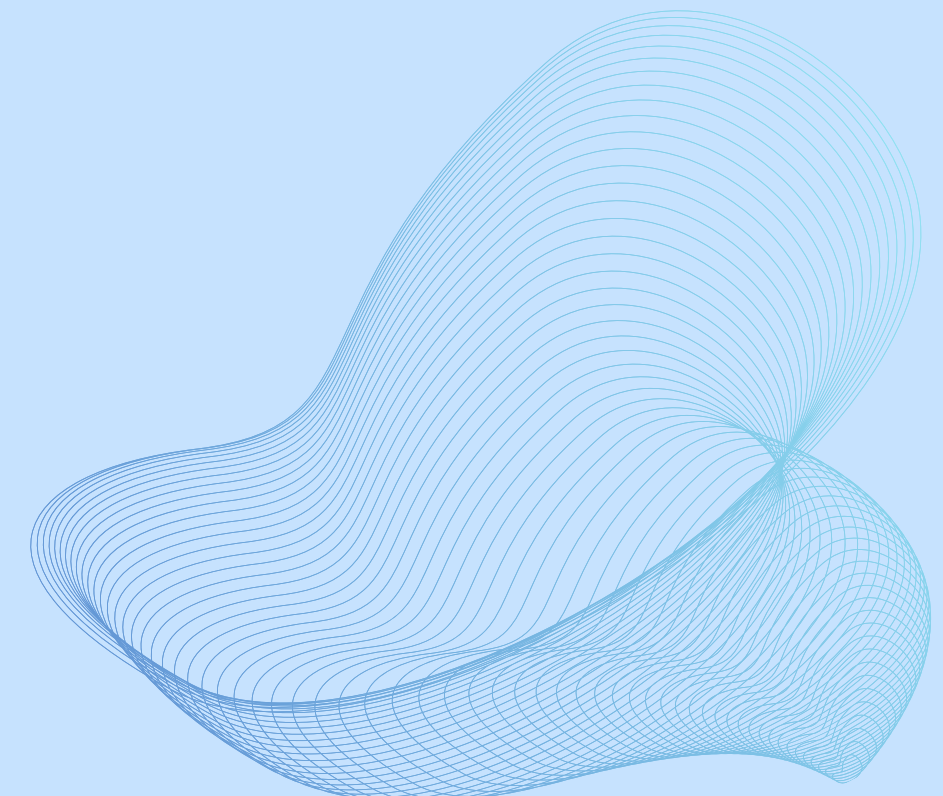
Top Rated
Recently Added
Best Sellers
Price: Low to High
Price: High to Low"



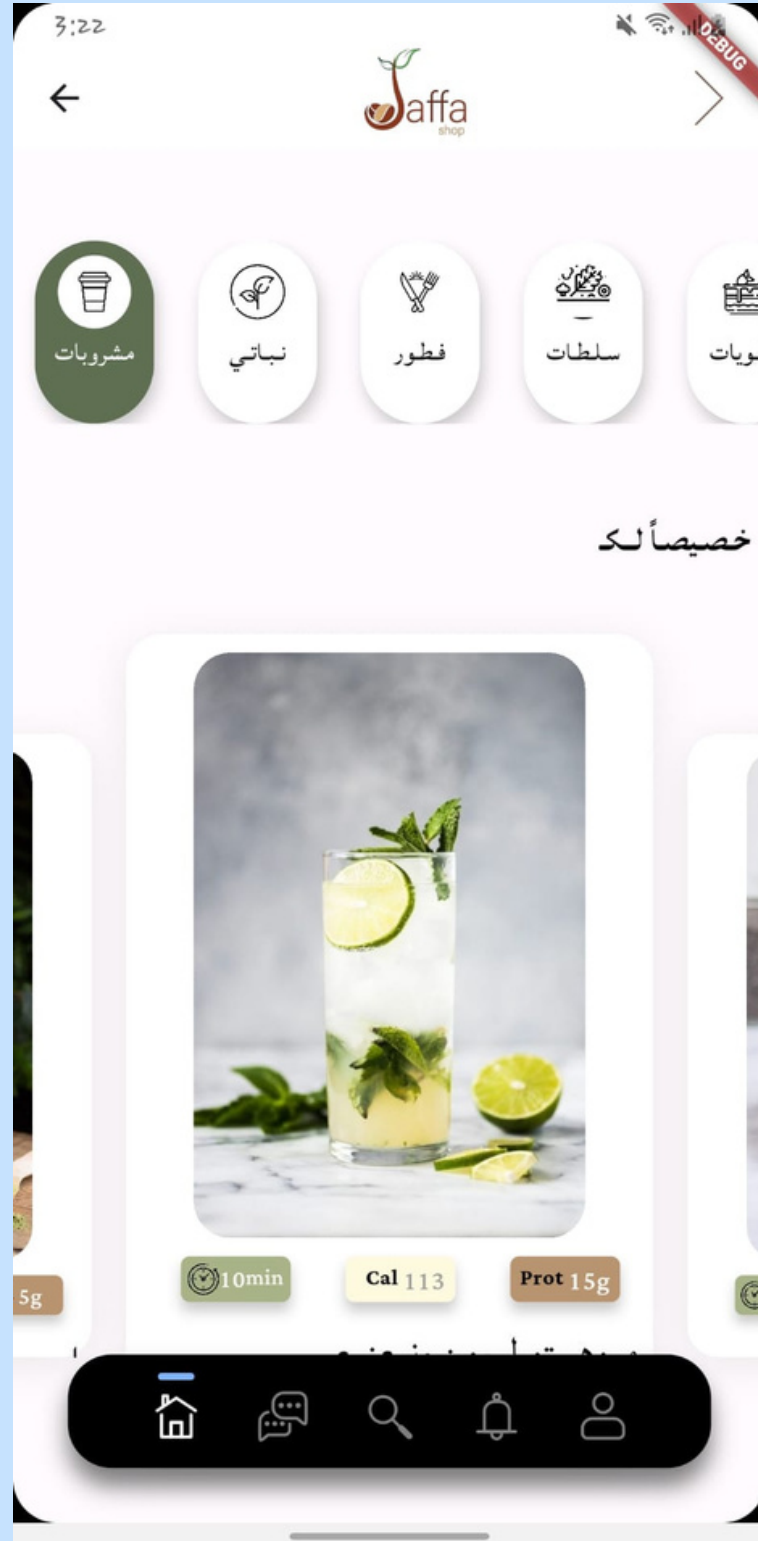
Wishlist Product Feature



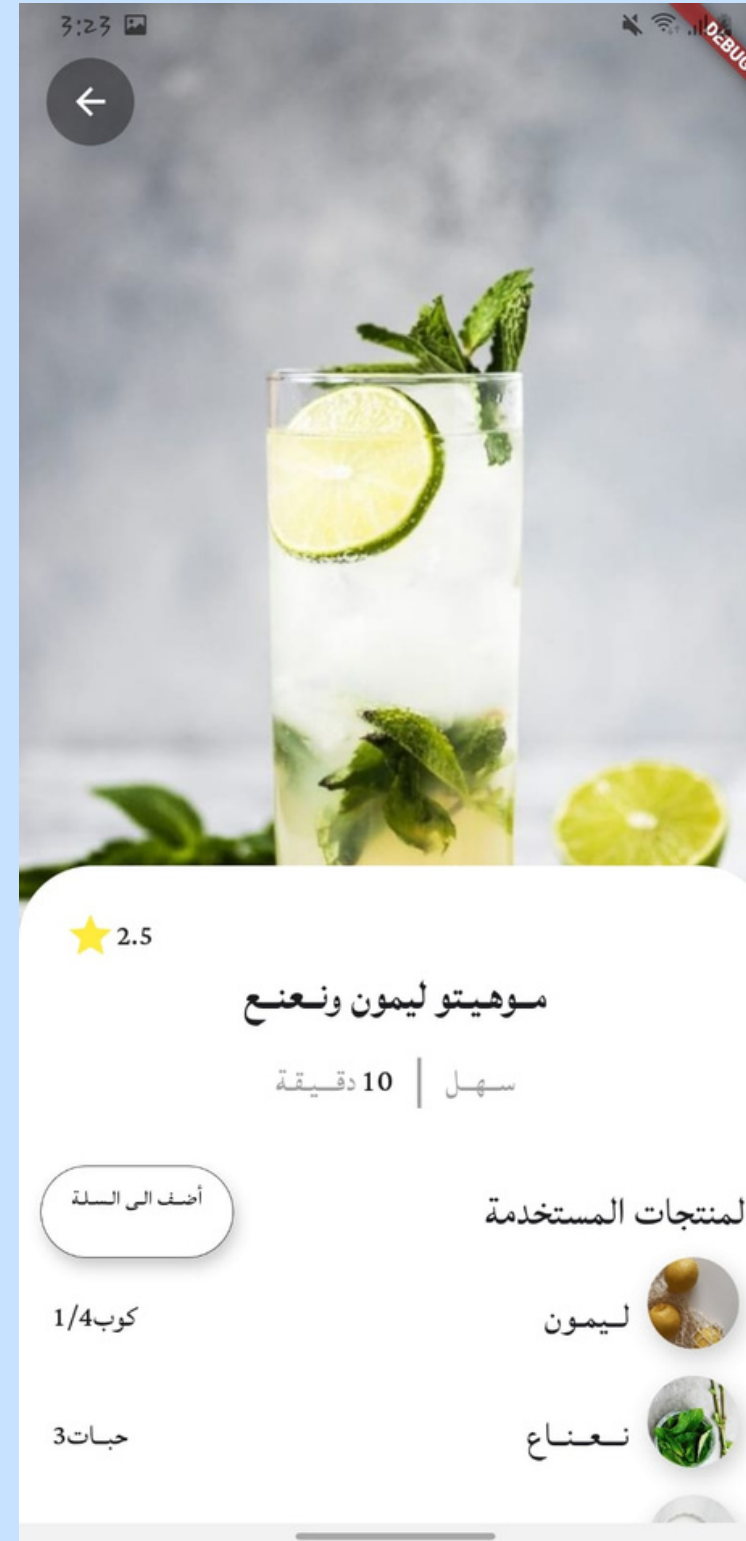
Showing the product that the user add it to his wishlist



Recipes



Some recipes suggest
for client



Explore a curated
collection of products



Selecting the Items You
Desire to add it to cart