



AURORA

Software Graduation Project
Ecommerce Application



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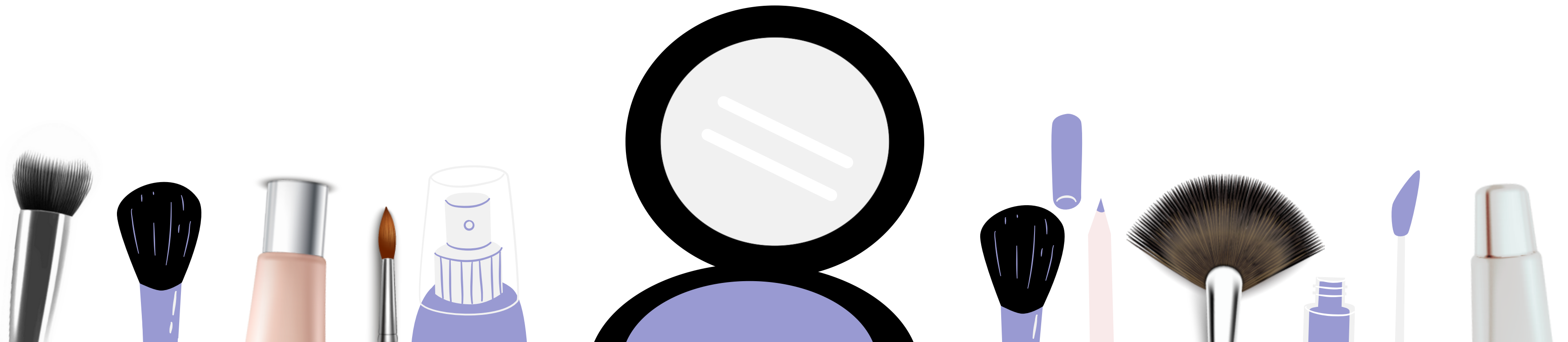
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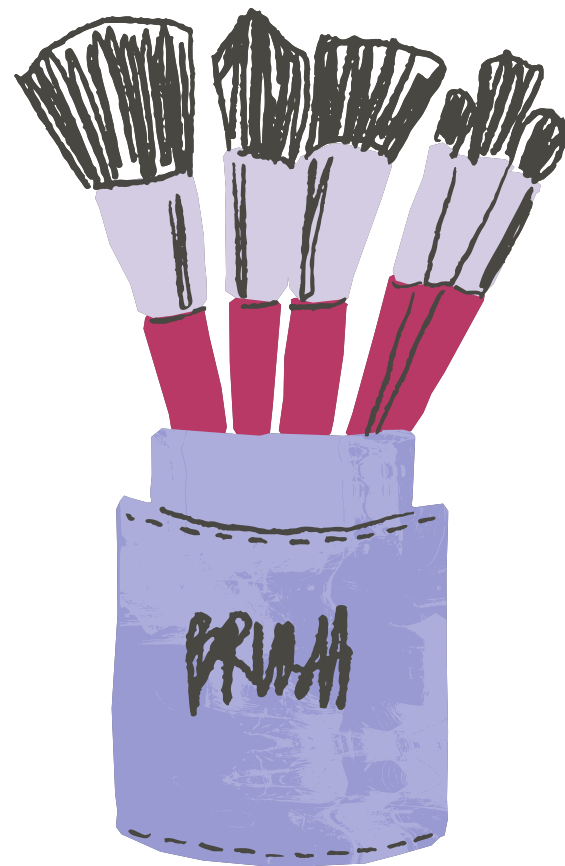
Aurora Feature

04

Constraints

01 Introduction





Problem

Lack of Trustworthy Platforms:

Many users face difficulties finding a reliable platform to purchase authentic cosmetic products.

Product Authenticity:

Concerns about the authenticity of makeup and skincare products.

Limited Local Options:

Few trusted e-commerce options in Palestine for cosmetic products.

Objective

- To develop a comprehensive e-commerce platform for cosmetic products.
- **Trusted Application:** Aurora aims to be the most trusted application in Palestine for buying cosmetic products.
- **Authentic Products:** Ensures all products are genuine and from trusted brands.
- **Wide Range of Products:** Offers a broad selection of makeup and skincare items.
- **User-Friendly Experience:** Provides an easy and secure shopping experience.
- **Local Focus:** Specifically designed to meet the needs of users in Palestine.

AURORA

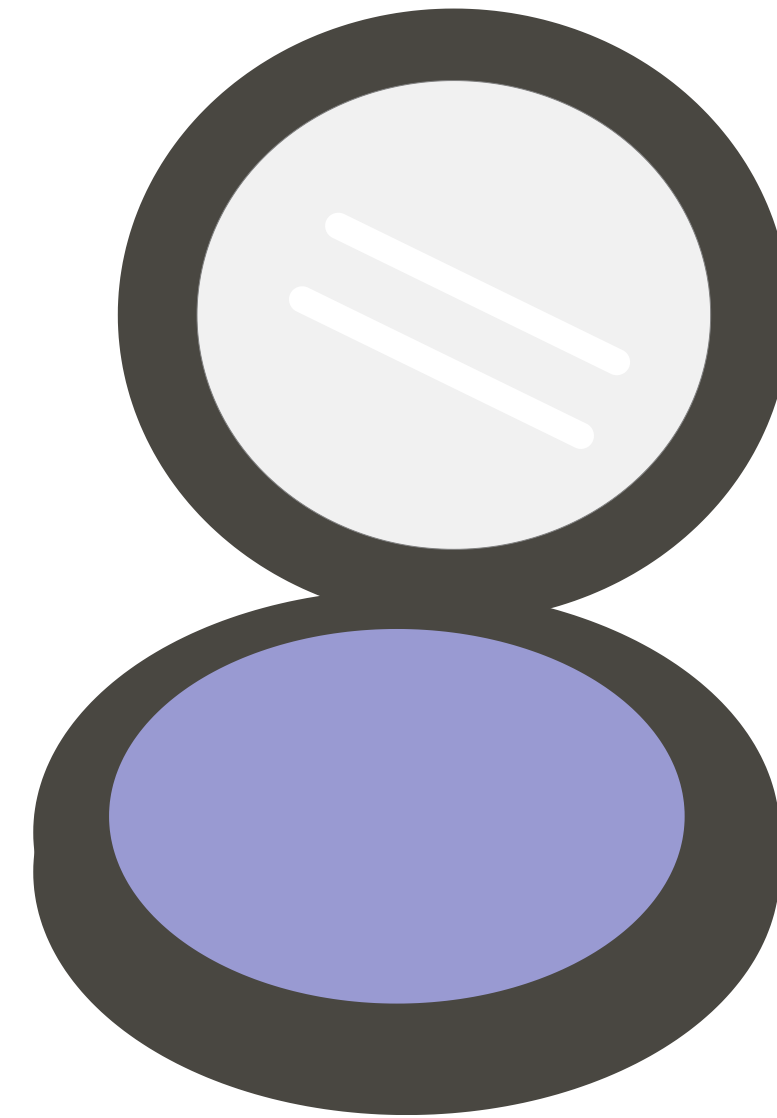
Ecommerce Mobile Application and Website

Users can buy makeup,skincare ,hair care and beauty tools that are products from trusted brands in different category .



02

Project Execution



Technologies used



Backend:

Nodejs
Express framework.

Database:

MongoDB.
Firebase



Frontend:

Flutter framework.





Aurora Features

 Mobile Application

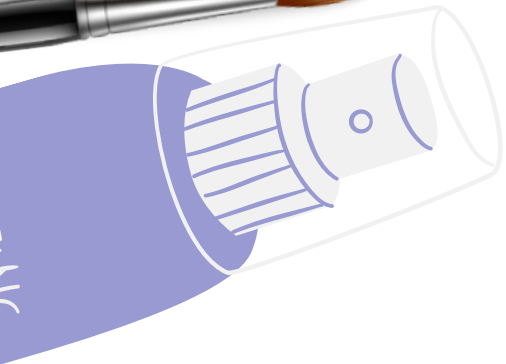
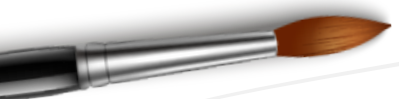
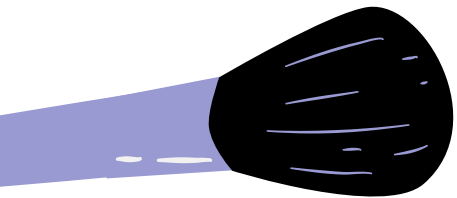
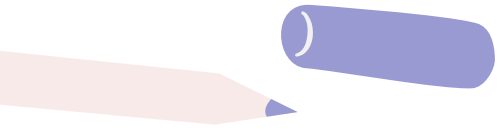
-  User side
-  Admin side

 Website

-  User side
-  Admin side

Mobile Application





Sign up & login

My Account

AURORA

First Name: leen

Last Name: sayegh

Email: leen

Password:

leen_sayegh@gmail.com | leen@gmail.com | leen

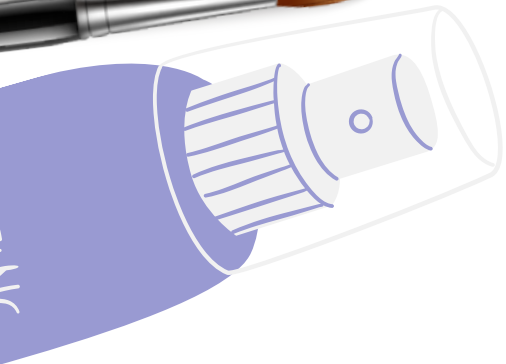
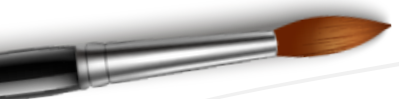
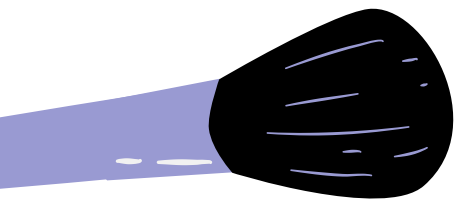
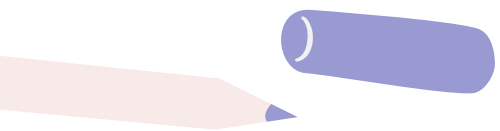
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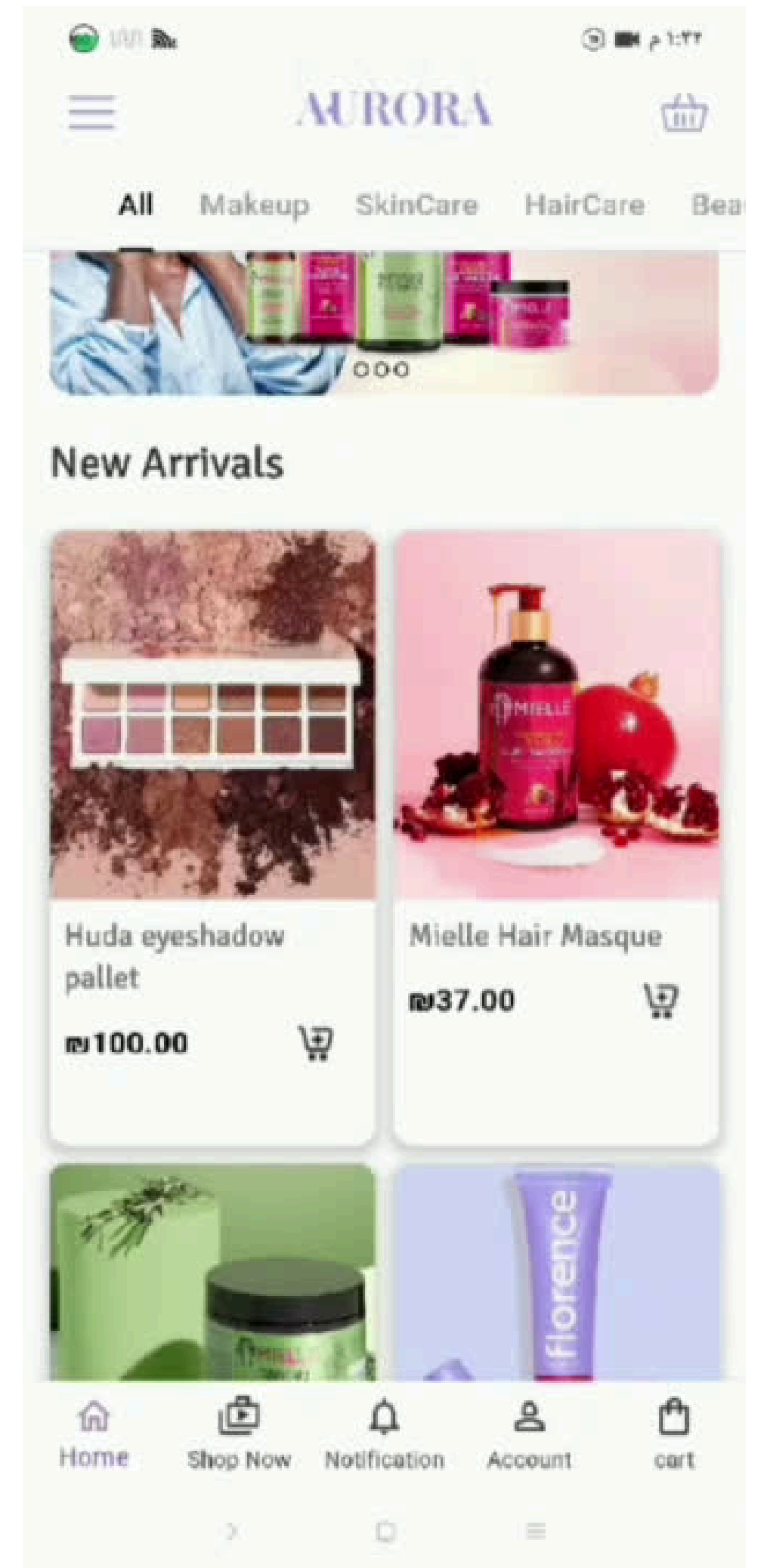
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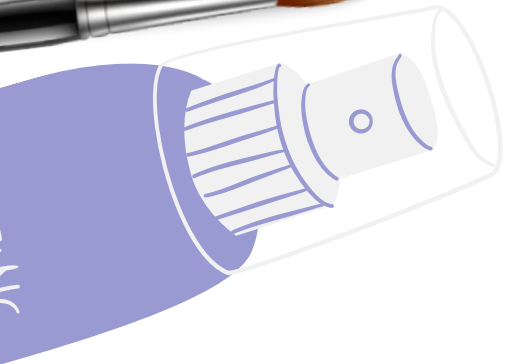
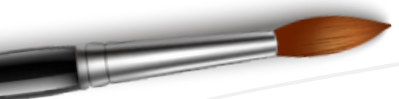
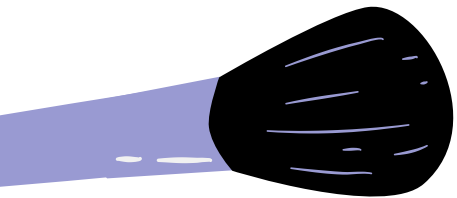
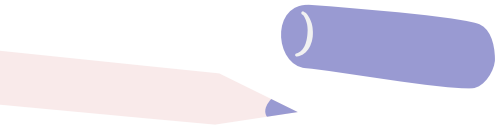
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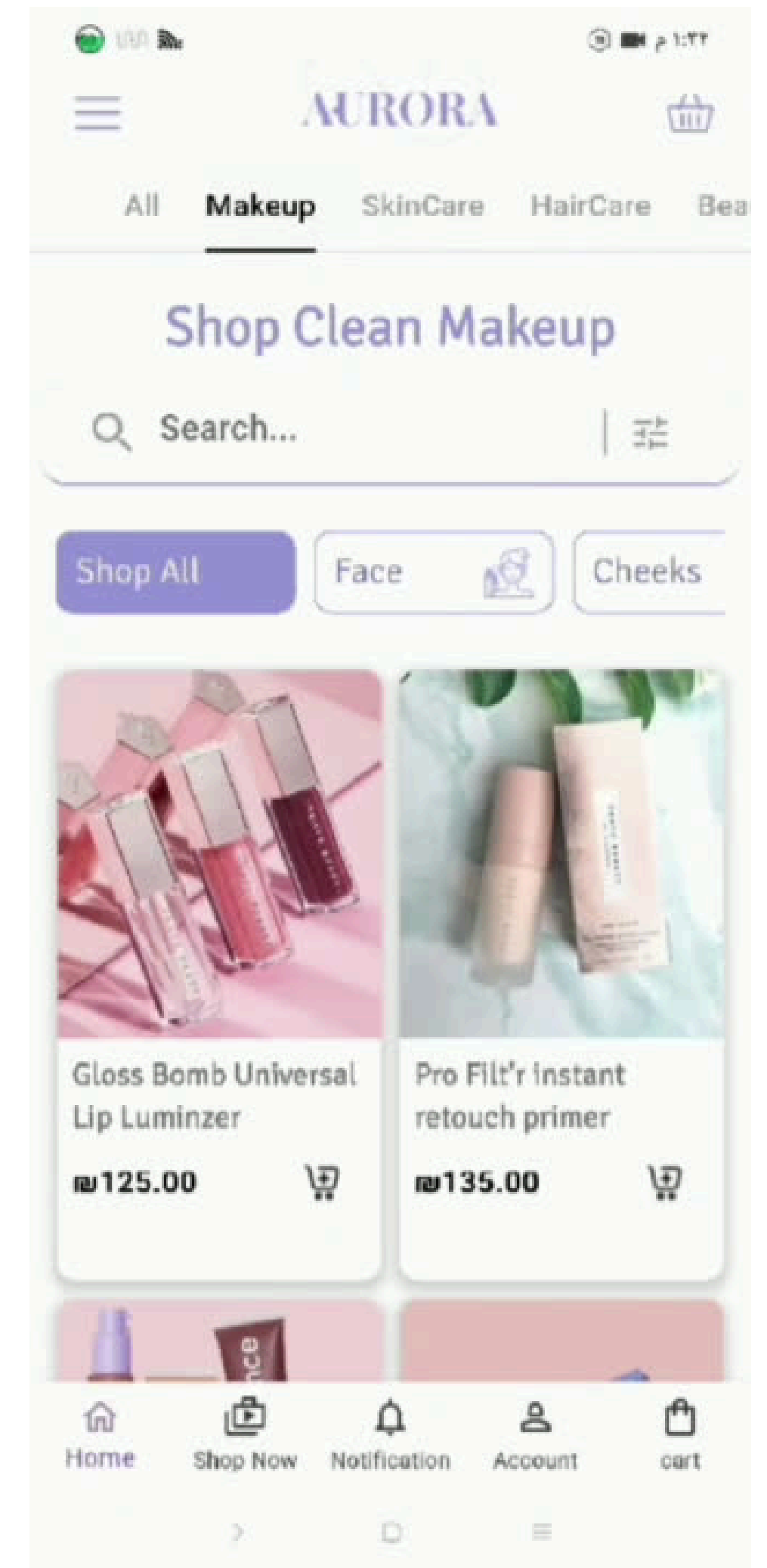


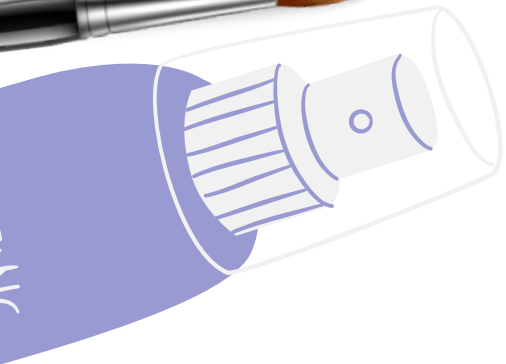
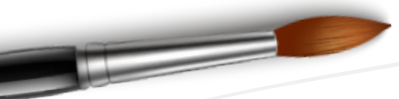
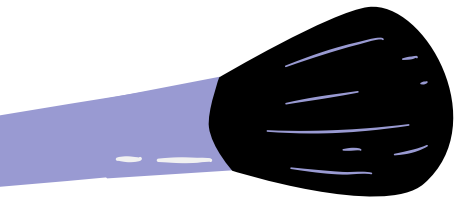
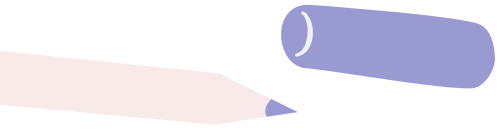
Home Page



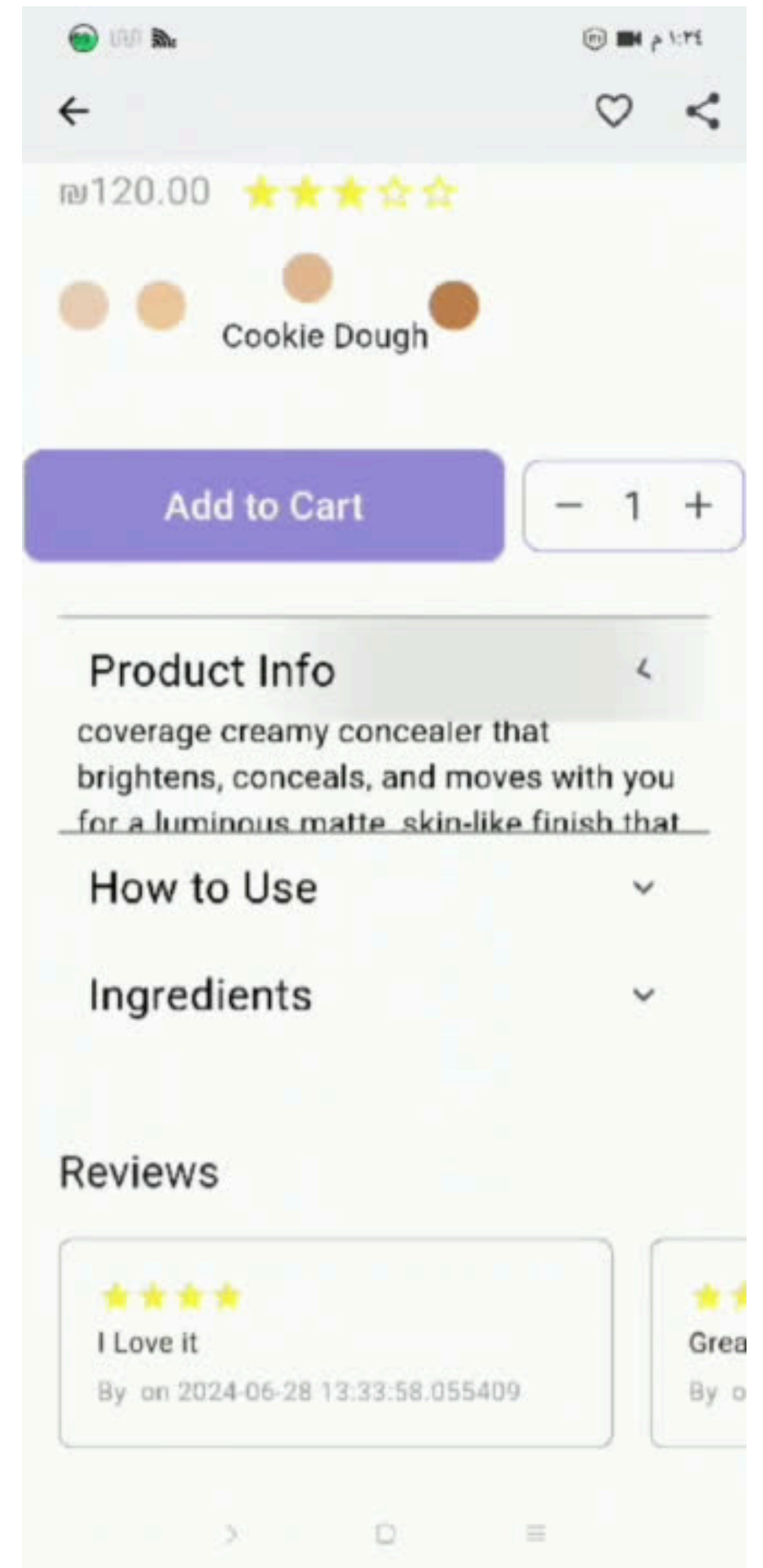


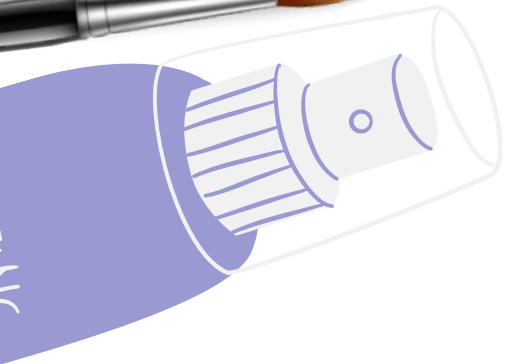
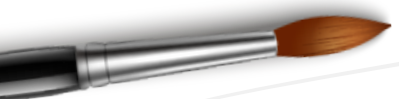
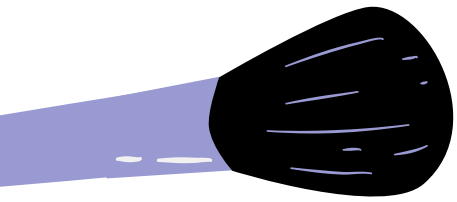
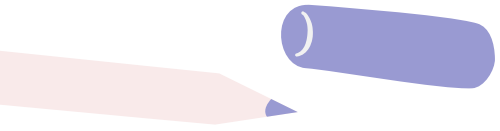
Categories: Search & Filter



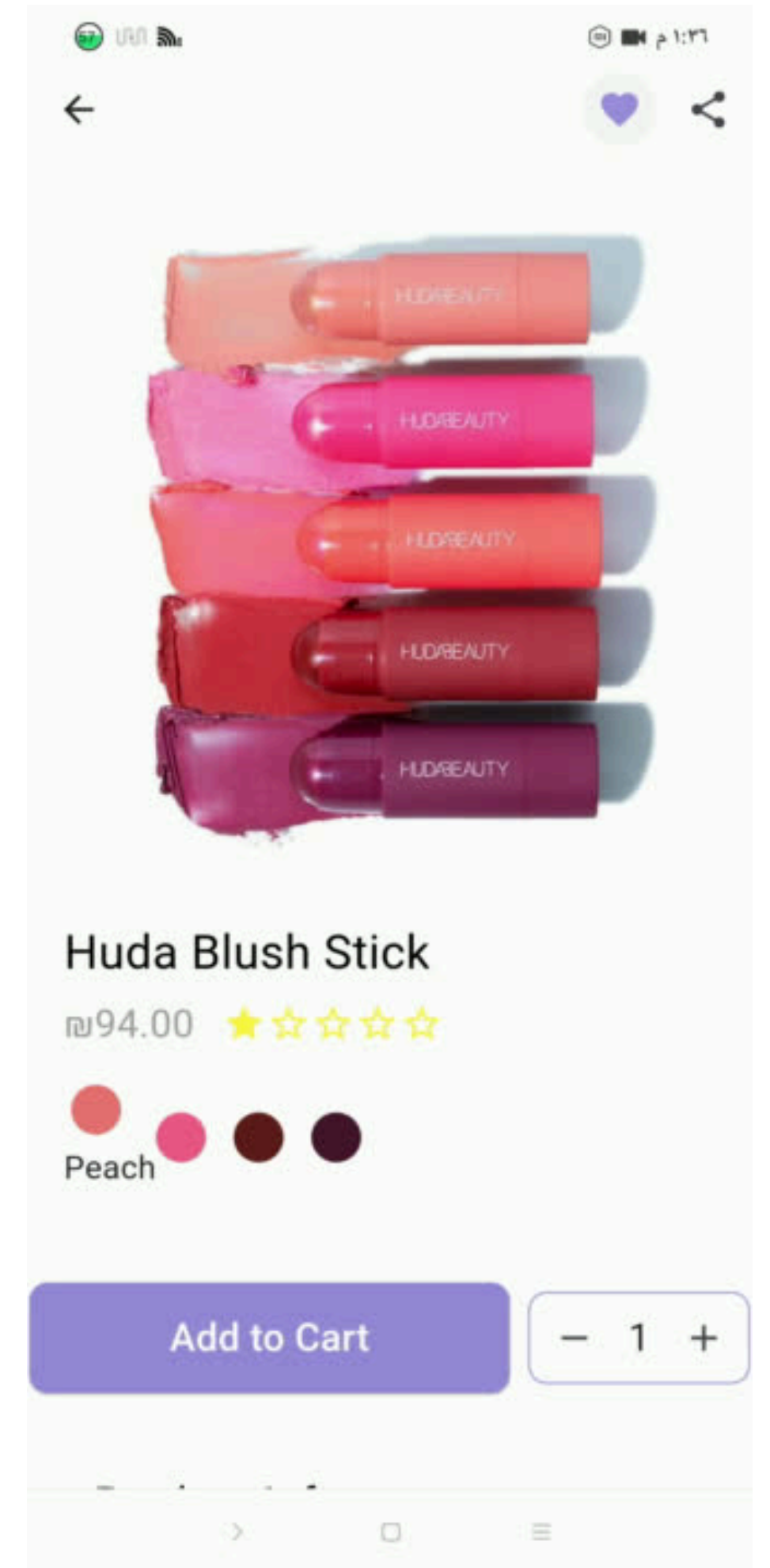


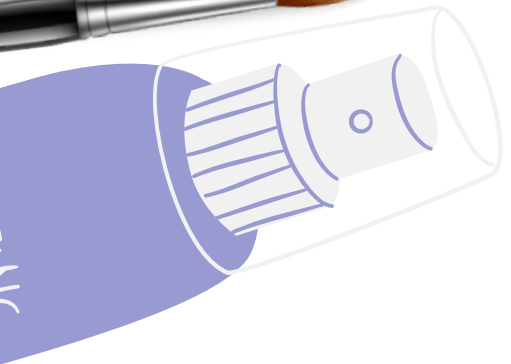
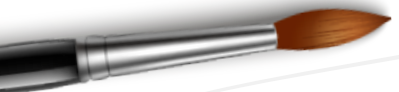
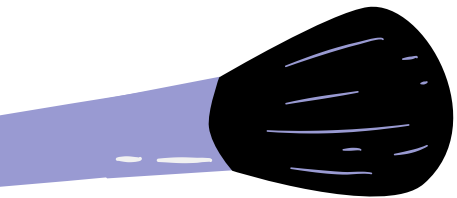
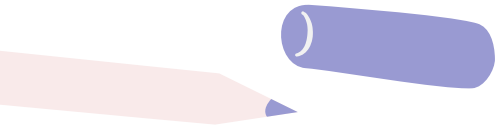
Product Details





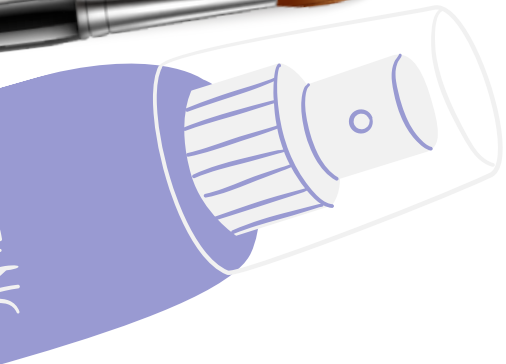
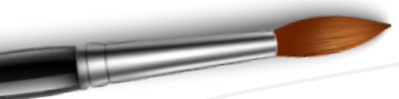
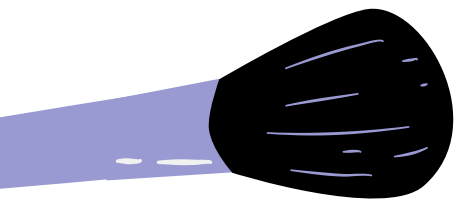
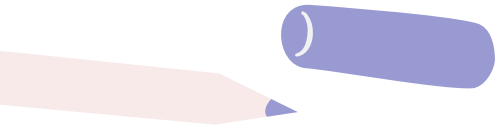
Add to favorites & cart



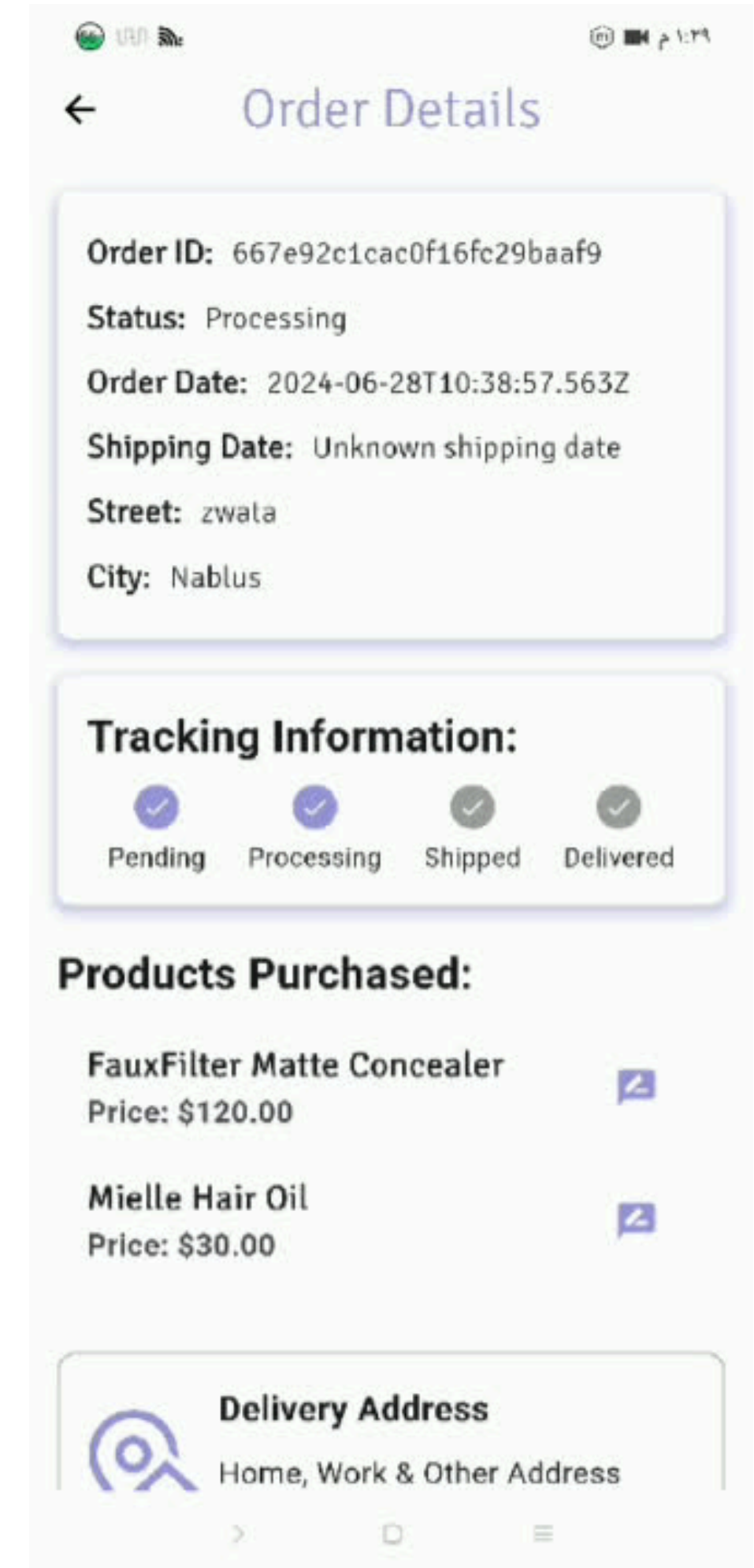


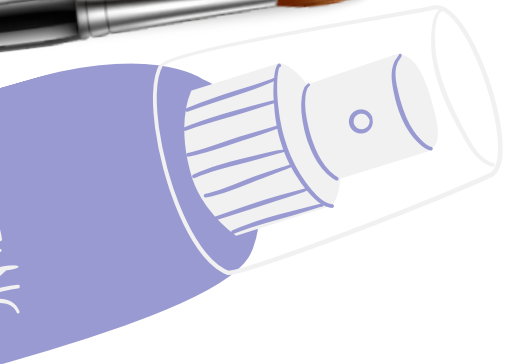
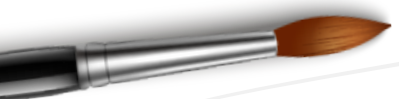
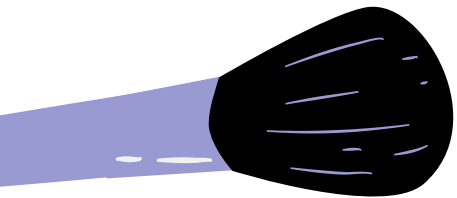
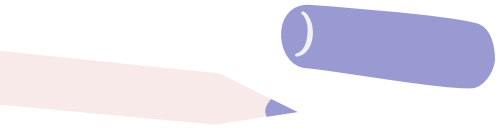
Checkout

The screenshot shows a mobile application interface for a checkout process. At the top, there is a dark grey header with a back arrow on the left, the word "Checkout" in the center, and status icons (signal, Wi-Fi, battery, and time 1:27) on the right. Below the header, the word "Shipping" is centered in a large, bold font. A white rounded rectangle contains five input fields: "Email", "Full Name", "Phone Number", "Shipping Address", and "City". Each field has a horizontal line for text entry. Below the "City" field is a purple rounded button with the text "Save Address". At the bottom of the screen, there are three small navigation icons: a right-pointing arrow, a square, and a hamburger menu icon.

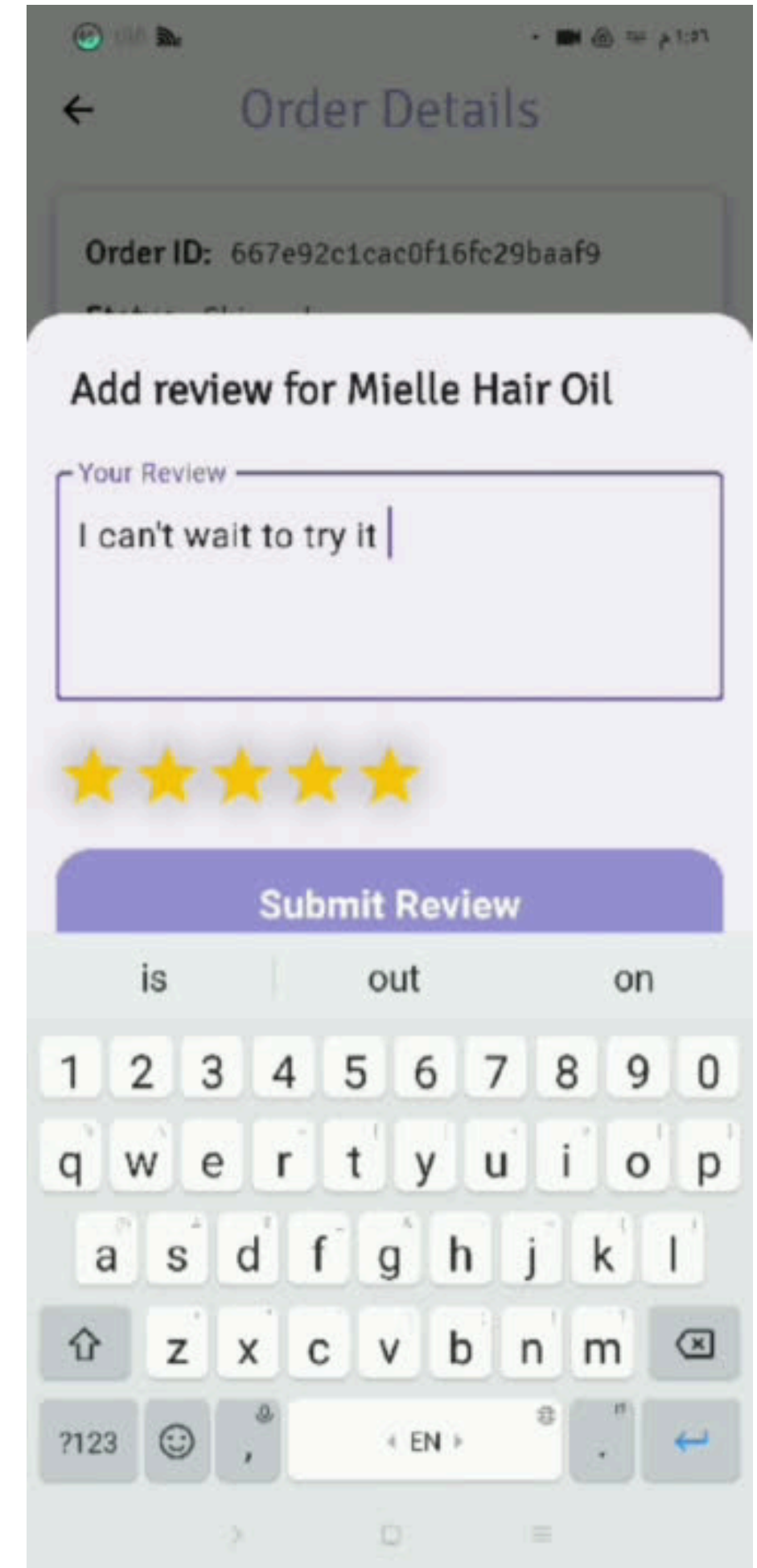


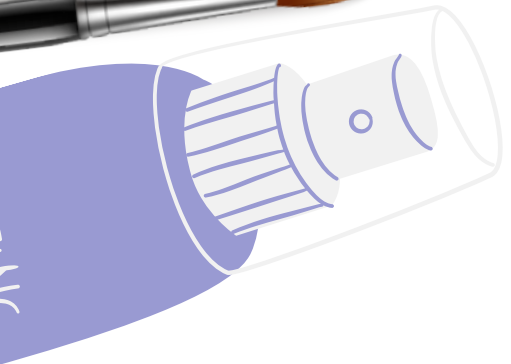
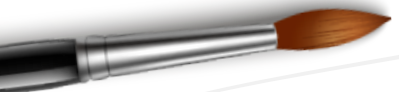
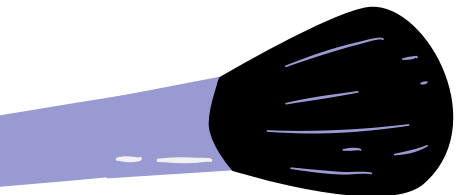
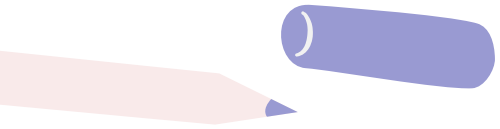
All orders & Order details



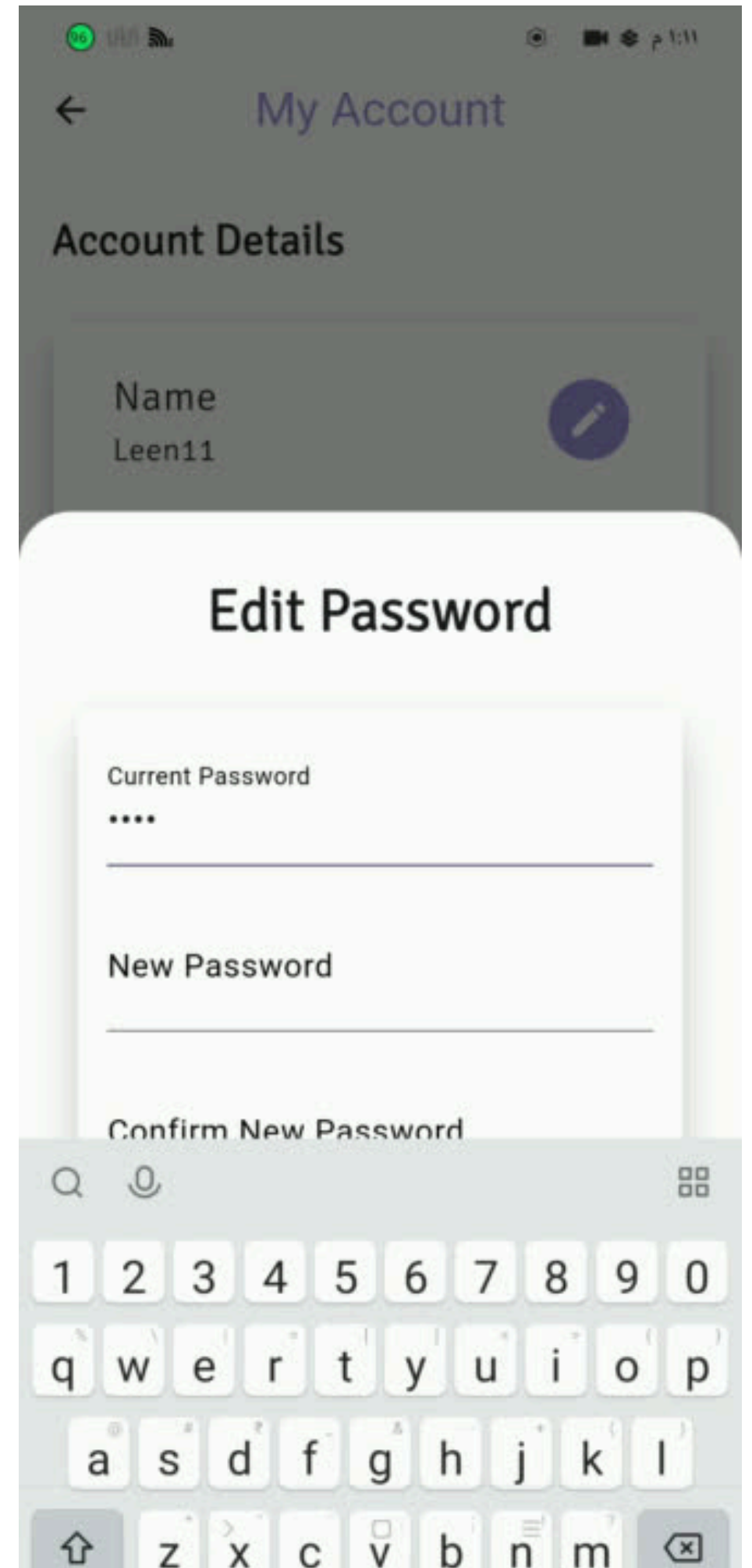


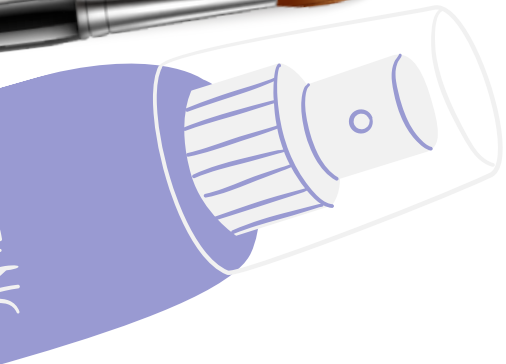
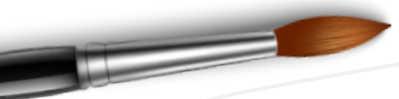
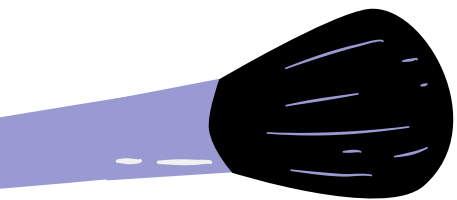
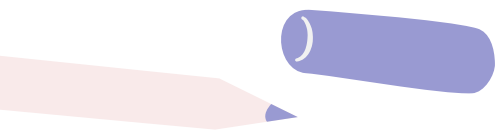
Reviews and Ratings



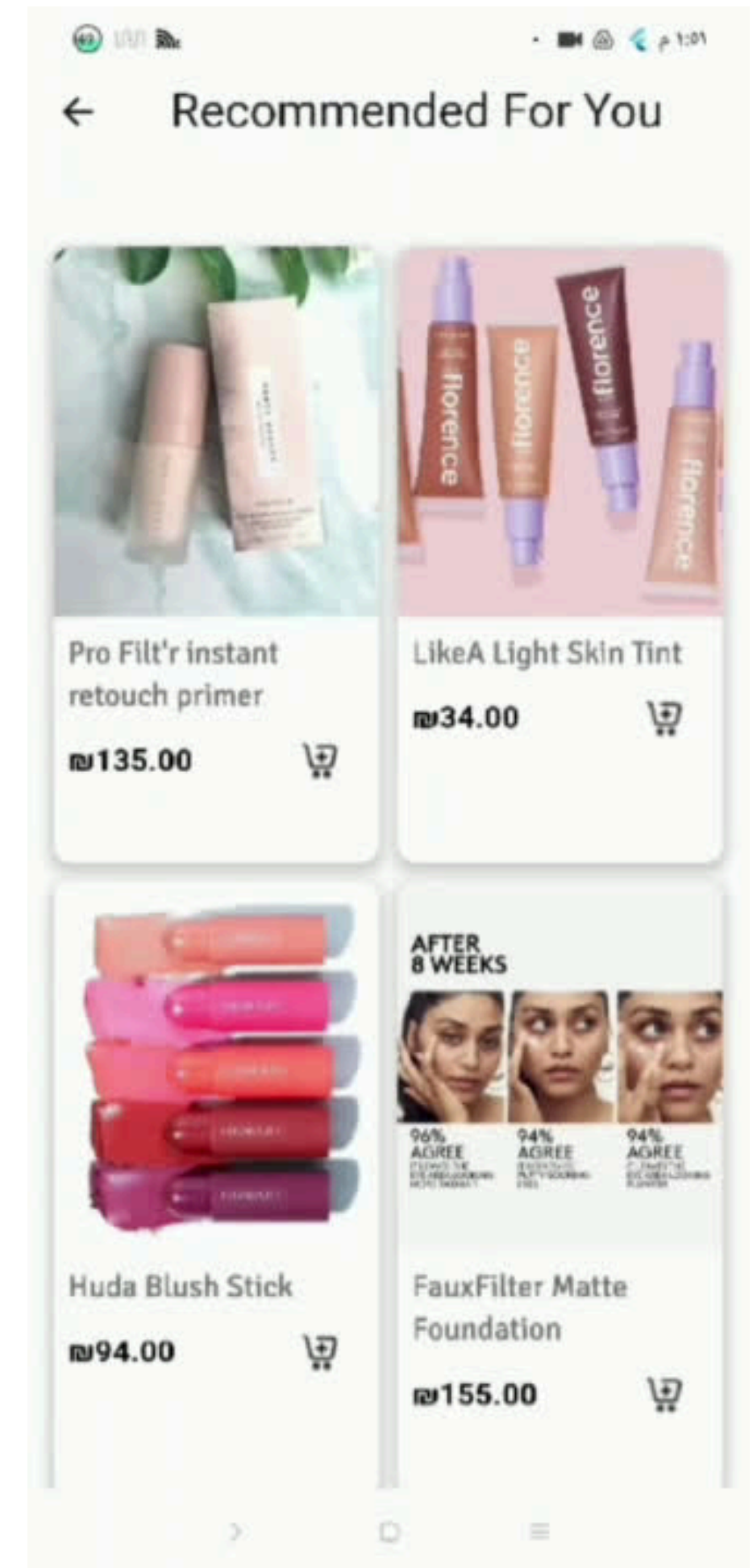


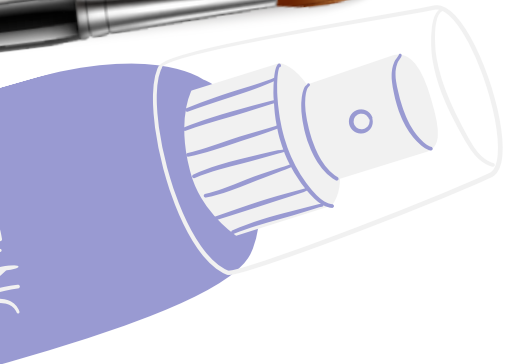
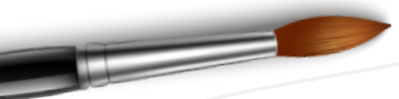
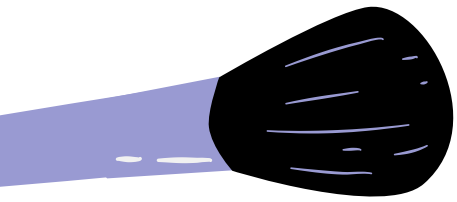
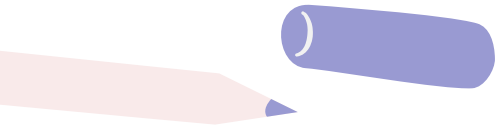
Edit profile



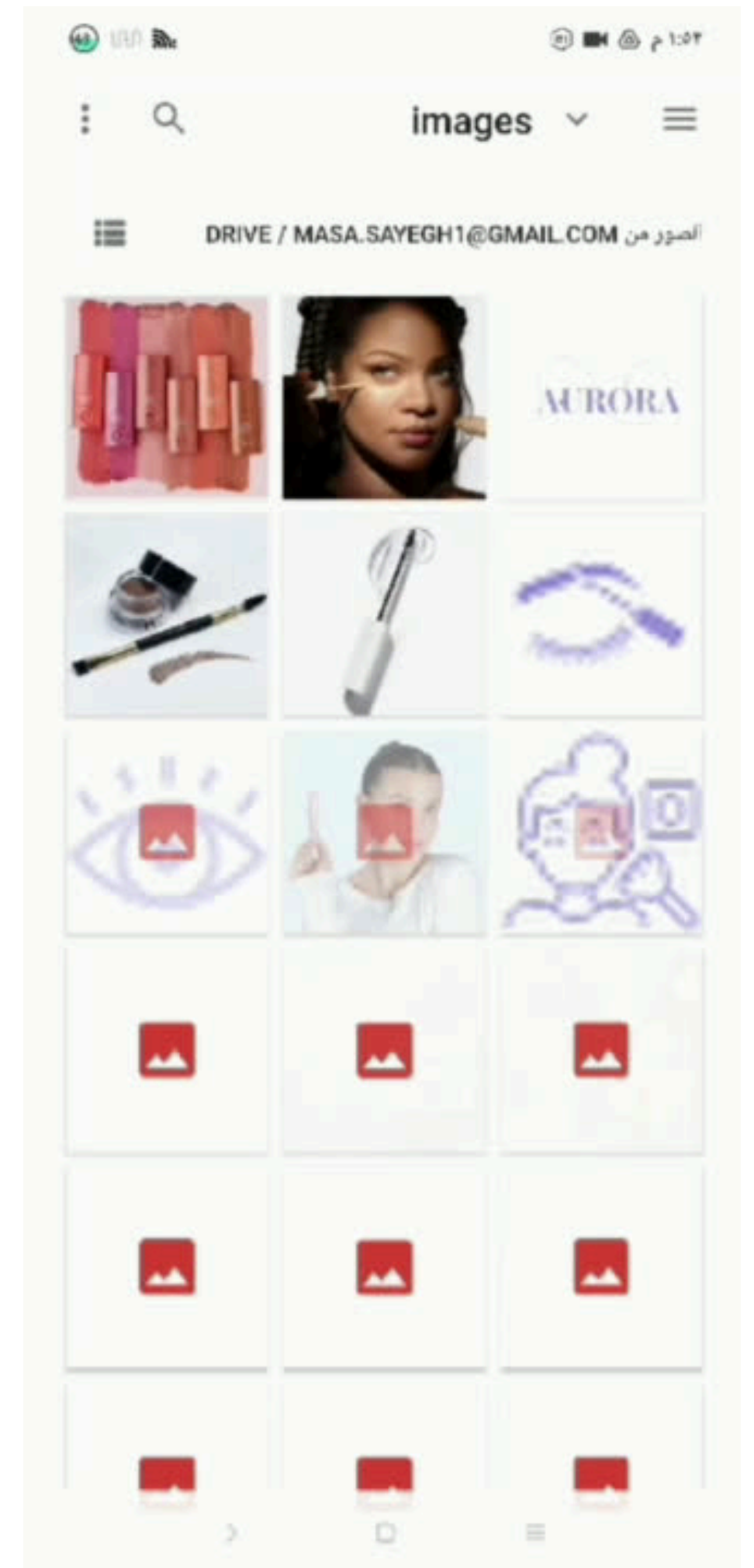


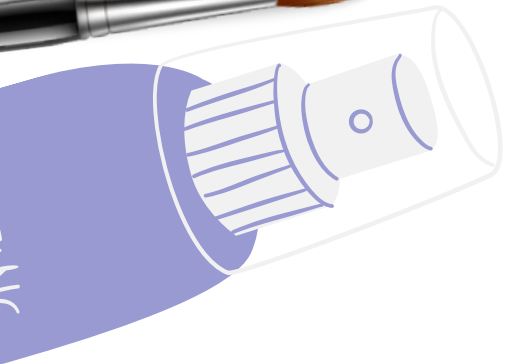
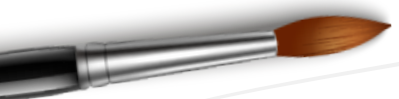
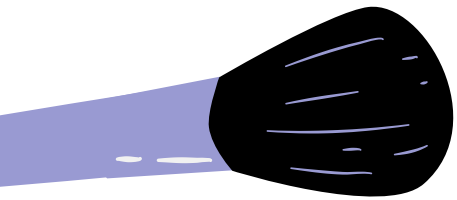
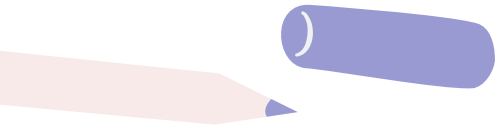
Recommended for you & Best seller



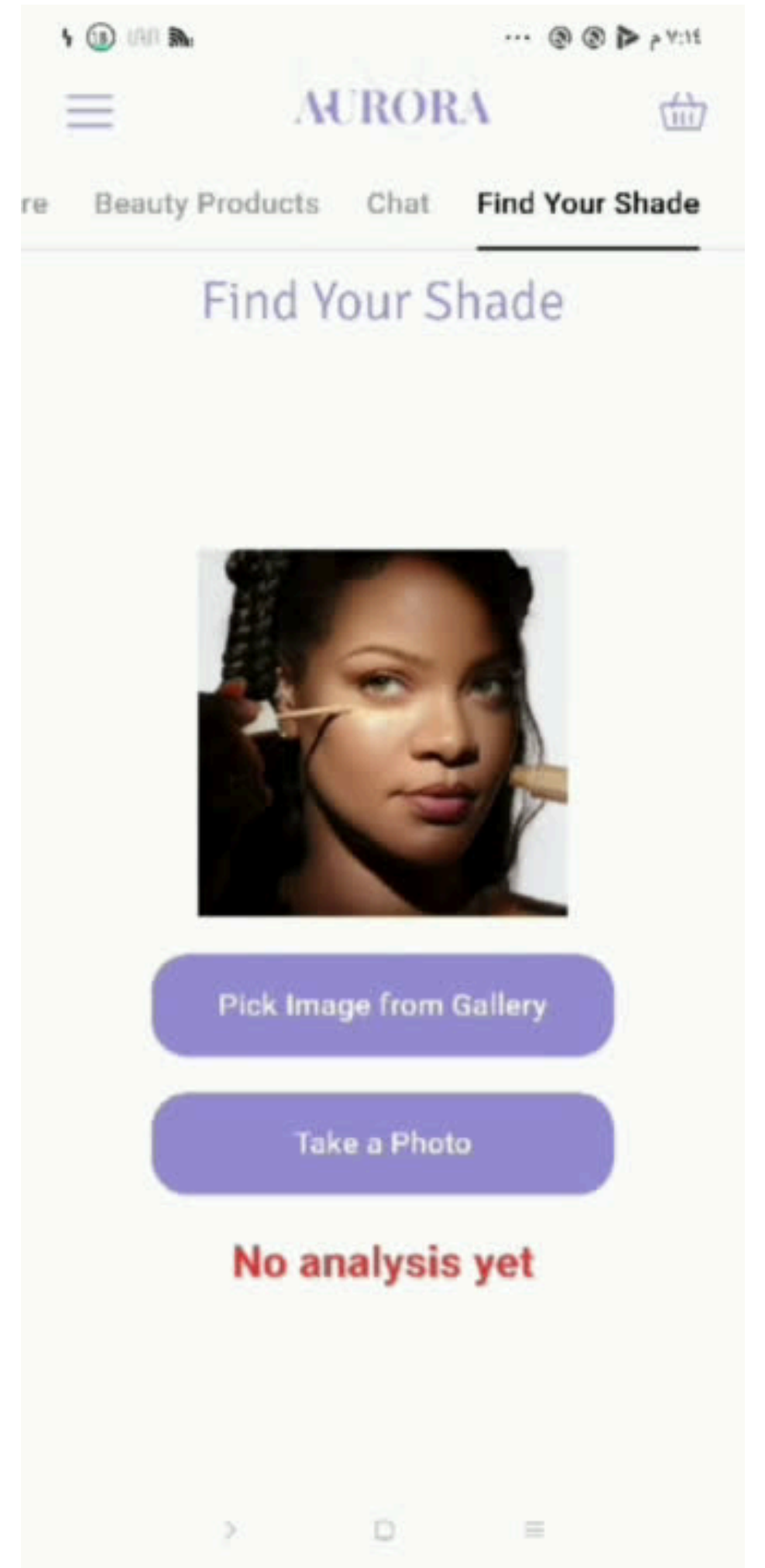


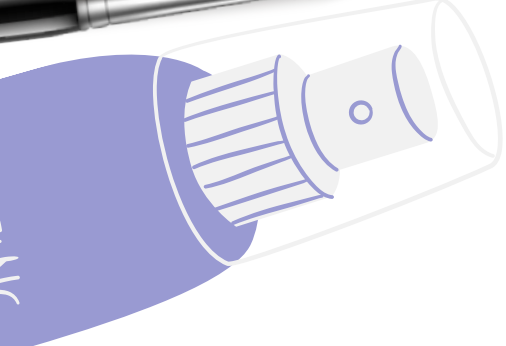
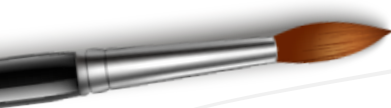
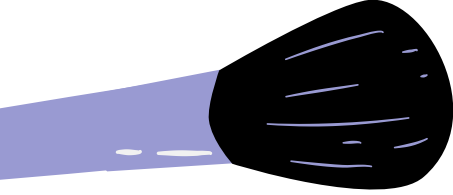
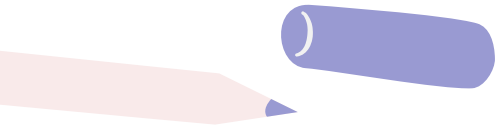
Chat with Admin



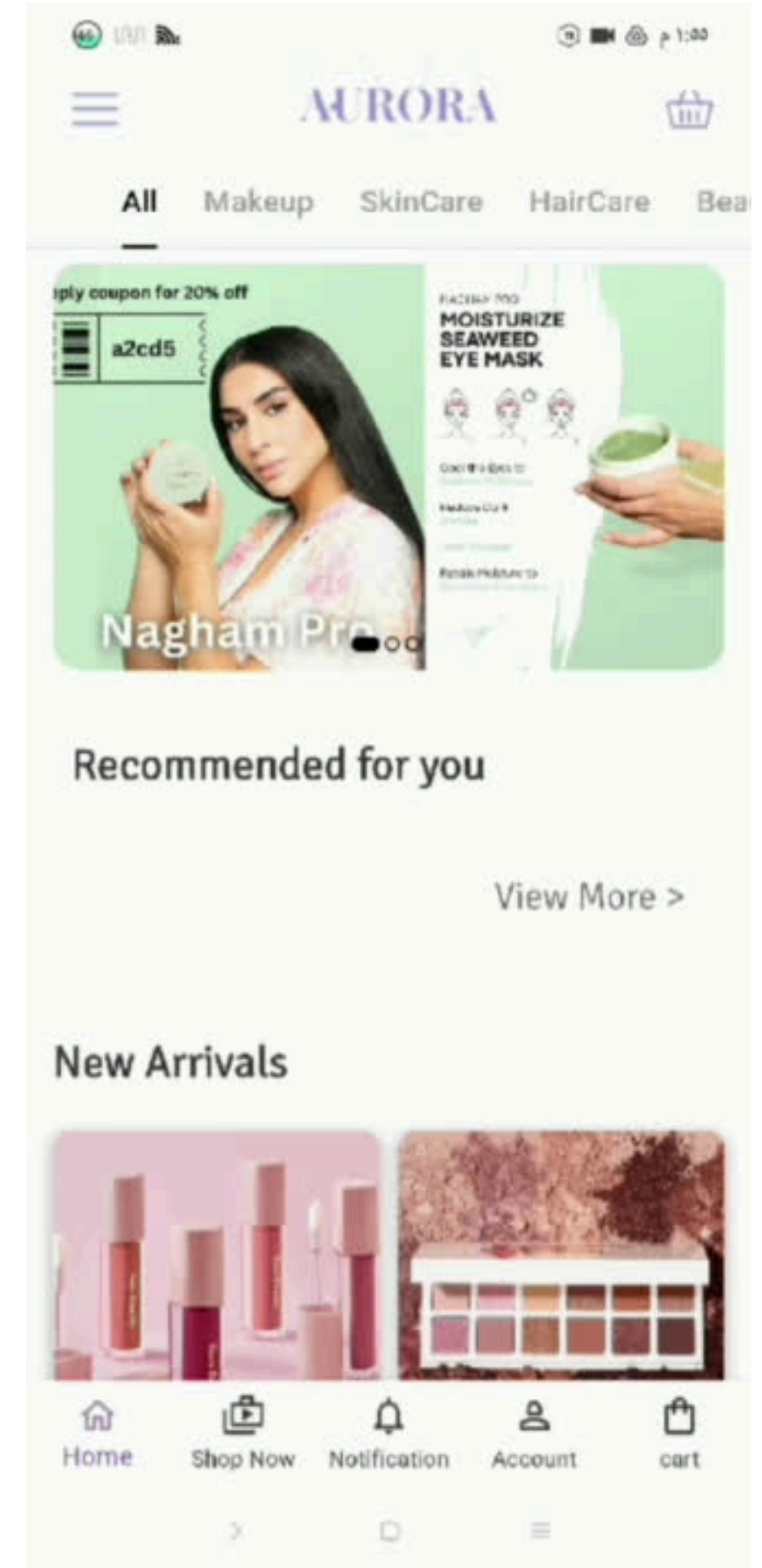


Find My Shade

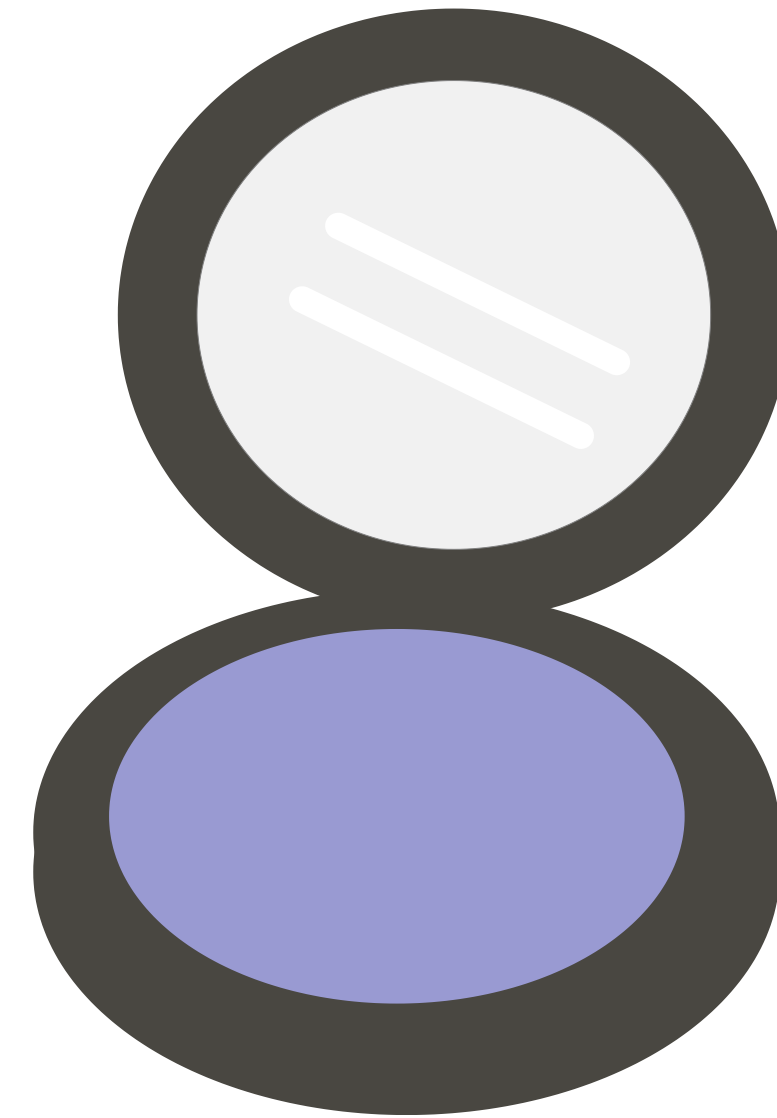


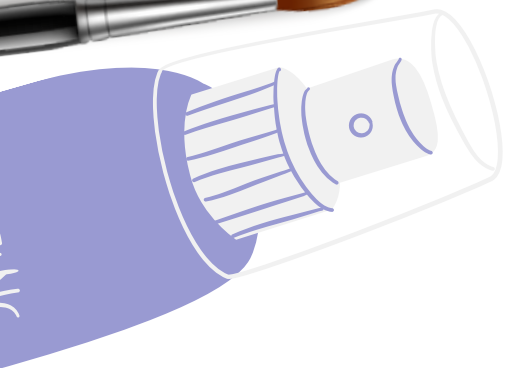
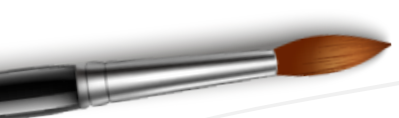
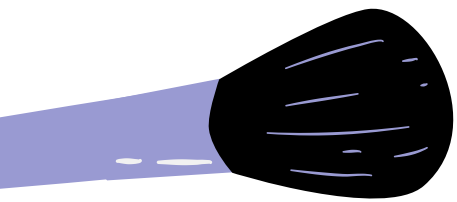
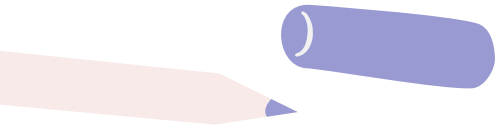


Notifications

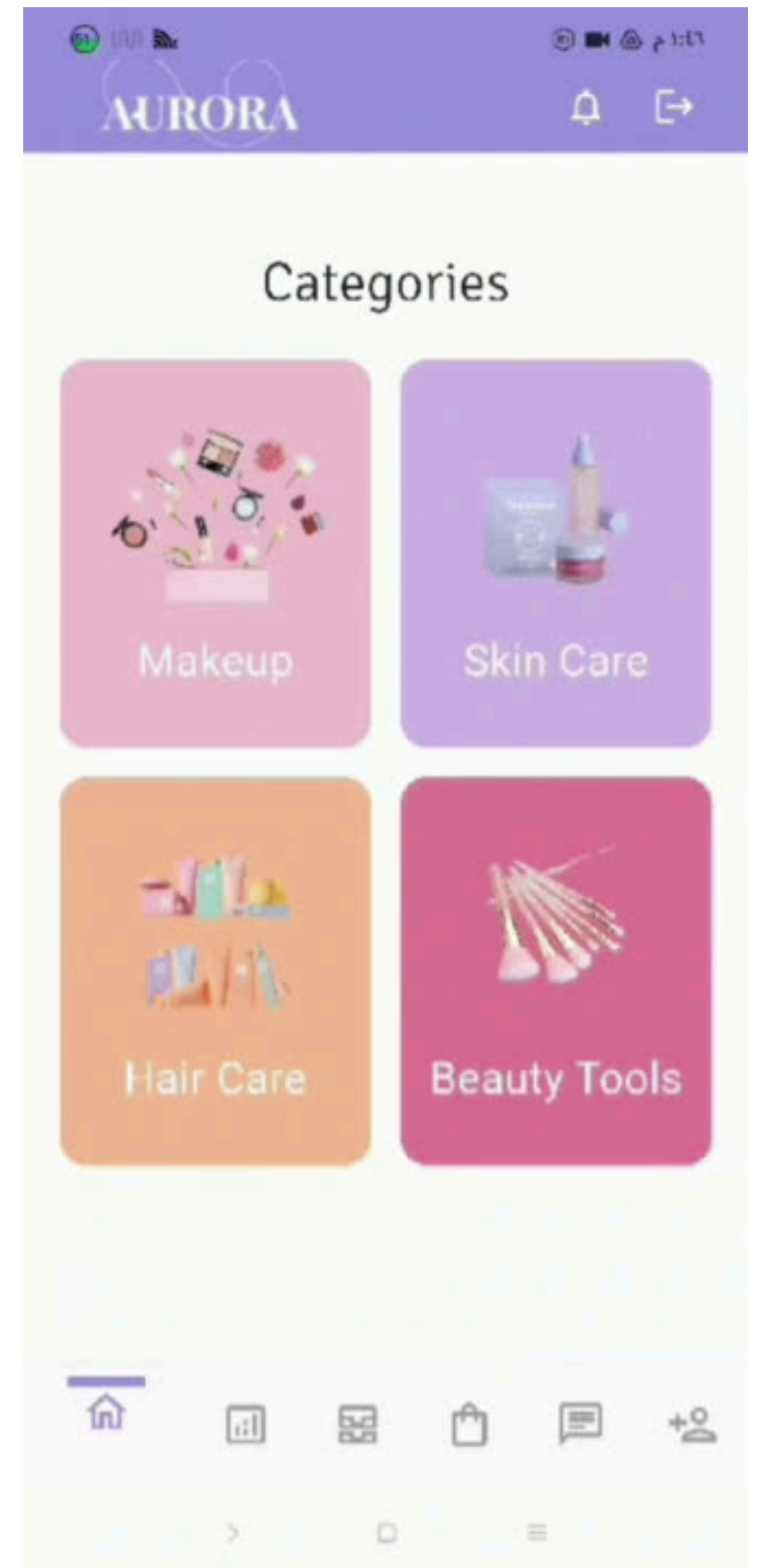


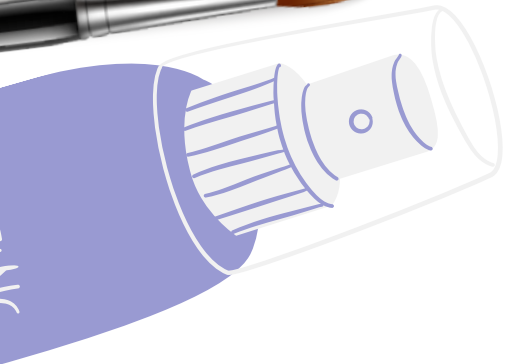
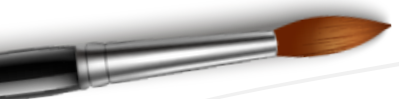
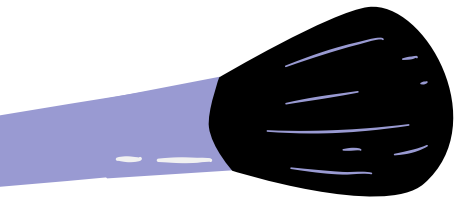
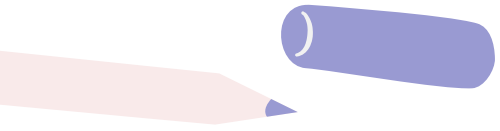
Admin Side



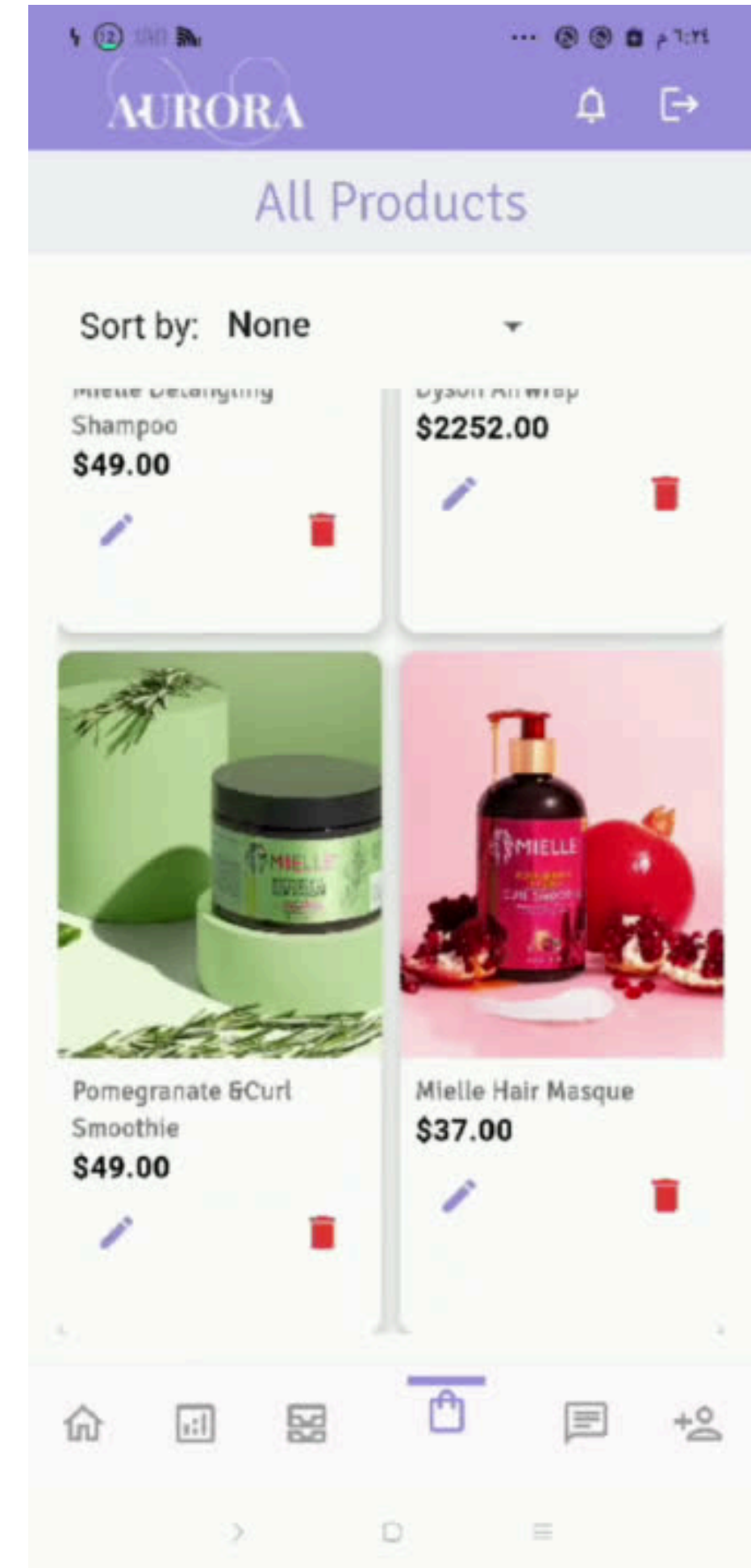


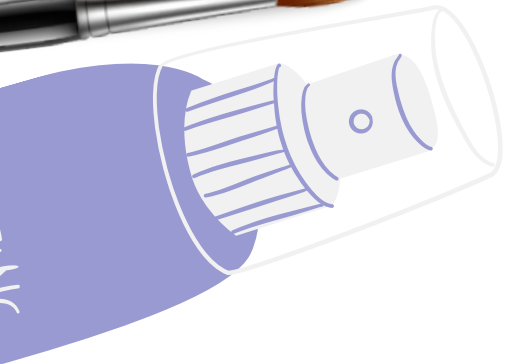
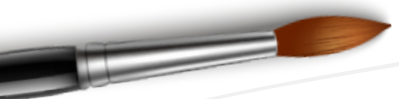
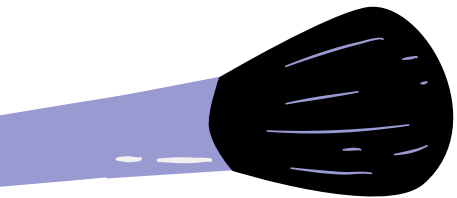
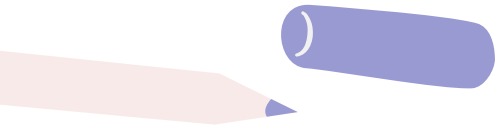
Add Products





Show all Products and edit





Admin Statistic

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Statistics

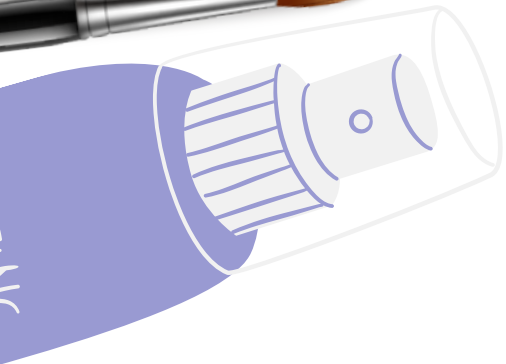
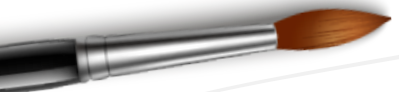
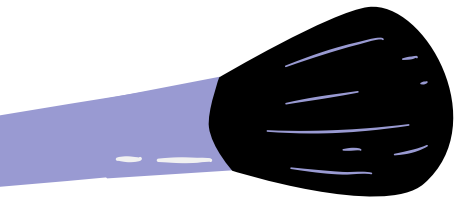
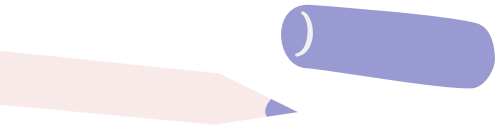
Feb Mar Apr May Jun 132
Month

Top Selling Products

	FauxFilter Matte Concealer	9 sales
	Huda Blush Stick	7 sales
	lip gloss	6 sales
	test 22	6 sales
	Face Roller	6 sales
	cleanse	6 sales
	masa	5 sales
	Dyson Airwrap	5 sales
	test6	4 sales

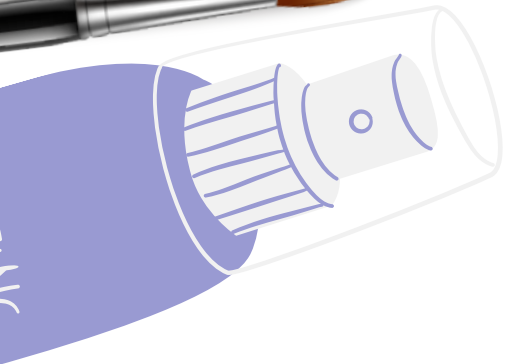
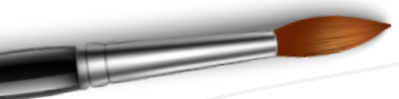
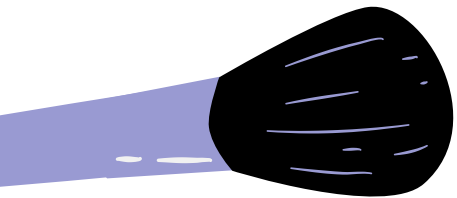
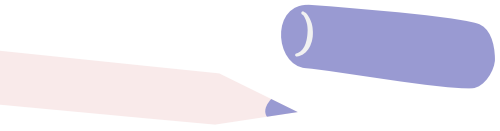
test6

Home Statistics Products Cart Messages User Profile

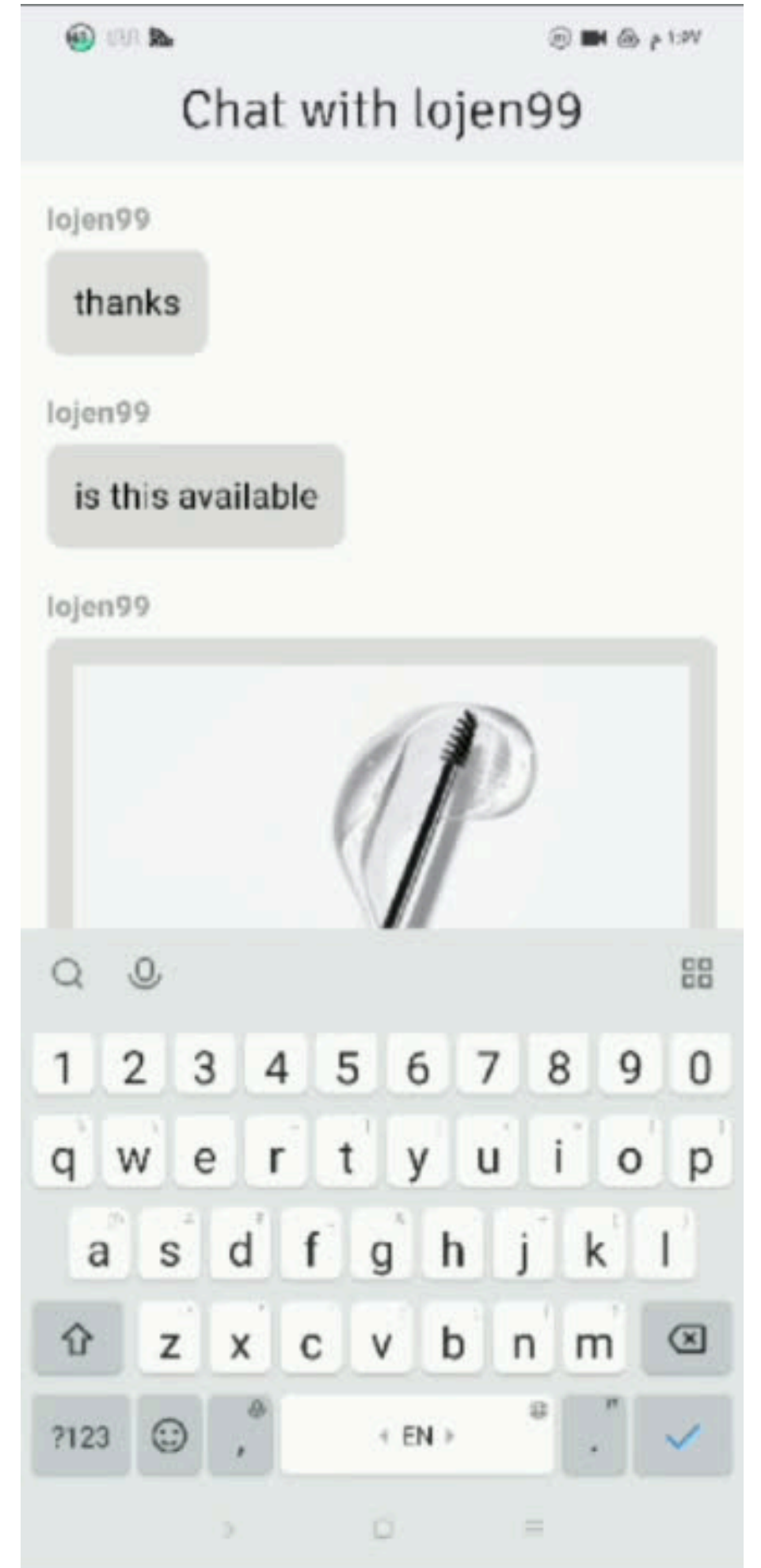


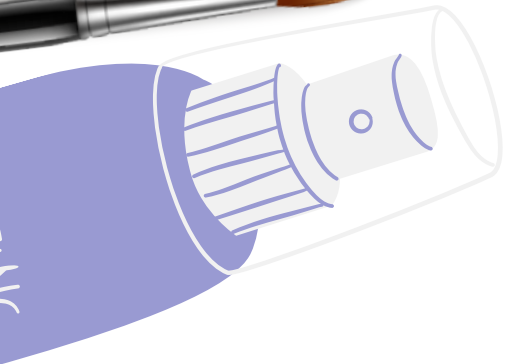
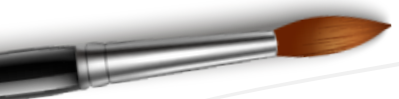
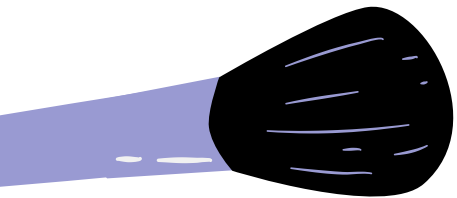
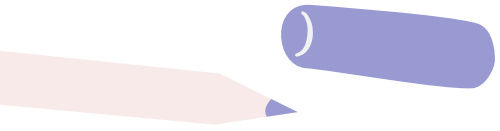
All Orders

	User Email	Ship	Price
.00	mas16@gmail.com	nablus, nablus	059
.00	mas16@gmail.com	nablus, nablus	059
.00	mas16@gmail.com	al-rasheed Street, nablus	059
0	mas16@gmail.com	al-rasheed Street, nablus	059
0	mas16@gmail.com	ss Street, nablus	059
.00	mas16@gmail.com	Faisal street, nablus	059
.00	mas16@gmail.com	faisalStreet, nablus	059
00	mas16@gmail.com	Faisal Street, nablus	059
00	mas16@gmail.com	Rashid Street, Nablus	092
00	mira@gmail.com	rafedia, nablus	092
50	banah@gmail.com	rafedia, nablus	092
20	omar77@gmail.com	rafedia, nablus	092
50	mas16@gmail.com	al-rasheed street, nablus	059



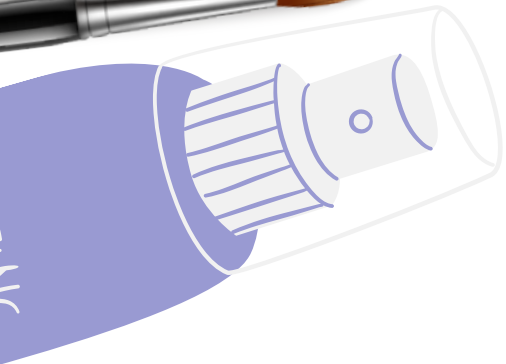
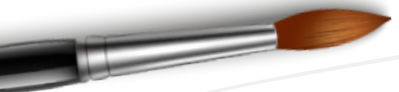
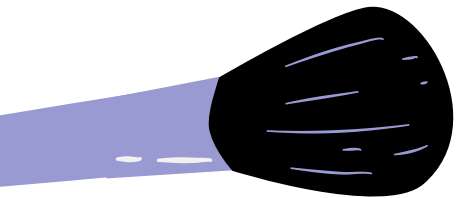
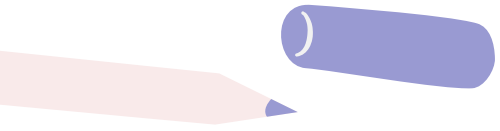
Admin - Chat



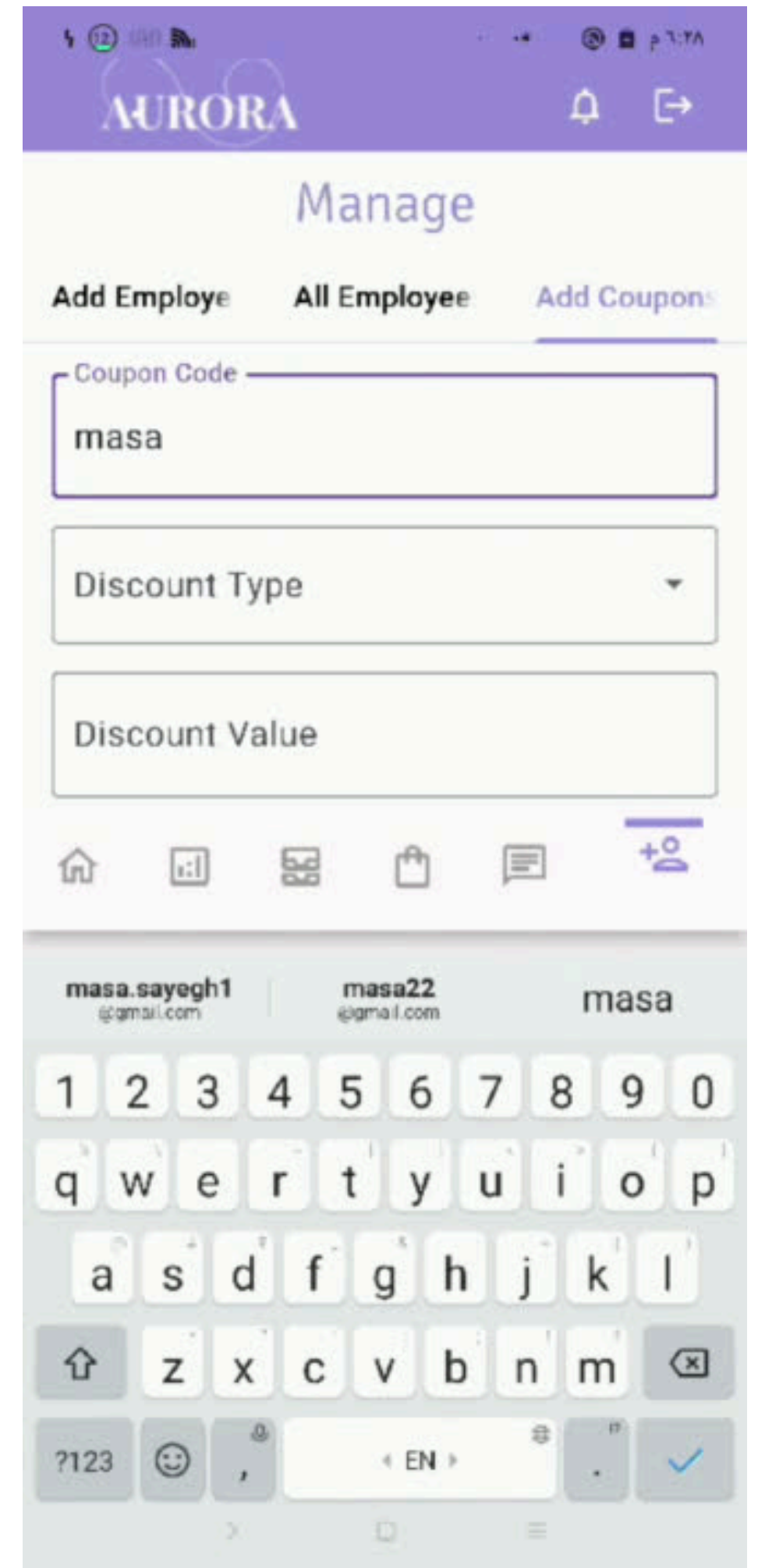


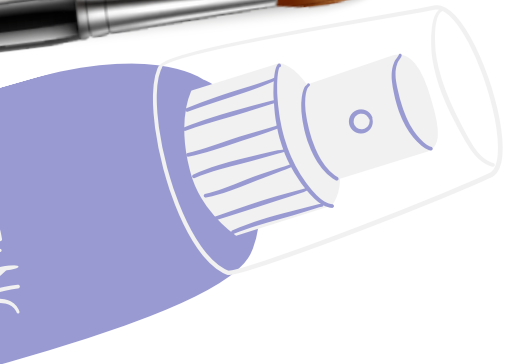
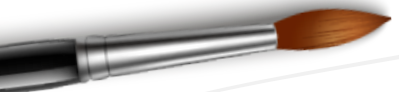
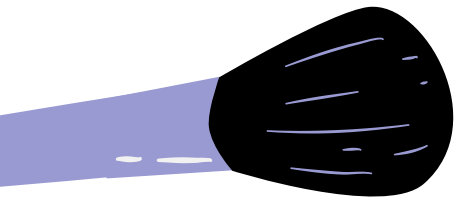
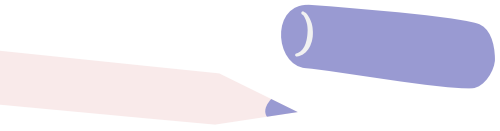
Add employee

The screenshot shows the 'AURORA' mobile application interface. At the top, there is a purple header with the 'AURORA' logo and navigation icons. Below the header, the word 'Manage' is displayed in a large font. Underneath, there are three tabs: 'Add Employee', 'All Employee', and 'Add Coupons'. The 'Add Employee' tab is currently selected. The form contains three input fields: 'First Name', 'Last Name', and 'Email'. At the bottom of the screen, there is a navigation bar with icons for home, list, calendar, shopping, messages, and a plus sign. A keyboard is visible at the very bottom of the screen.

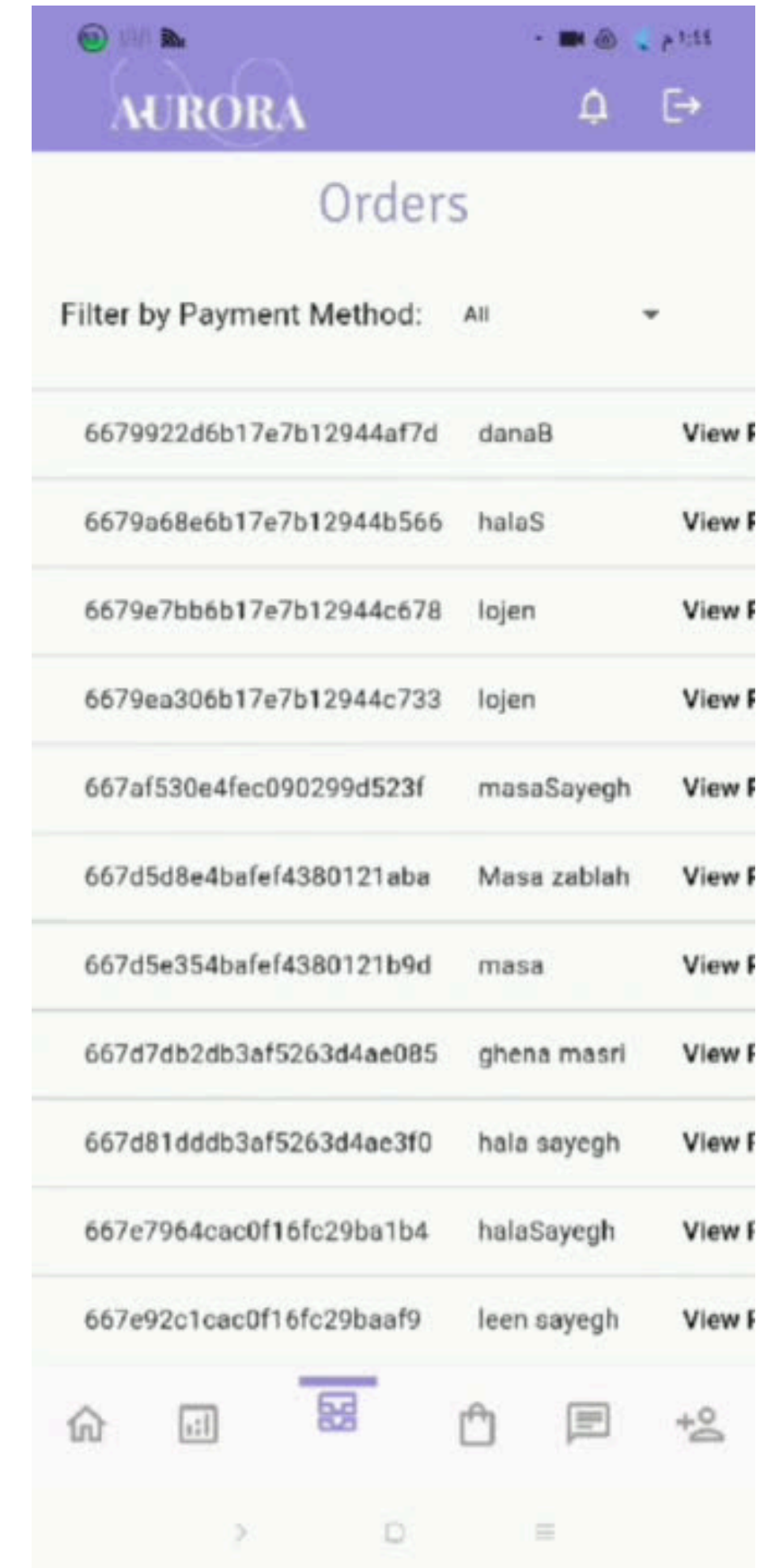


Add Coupon





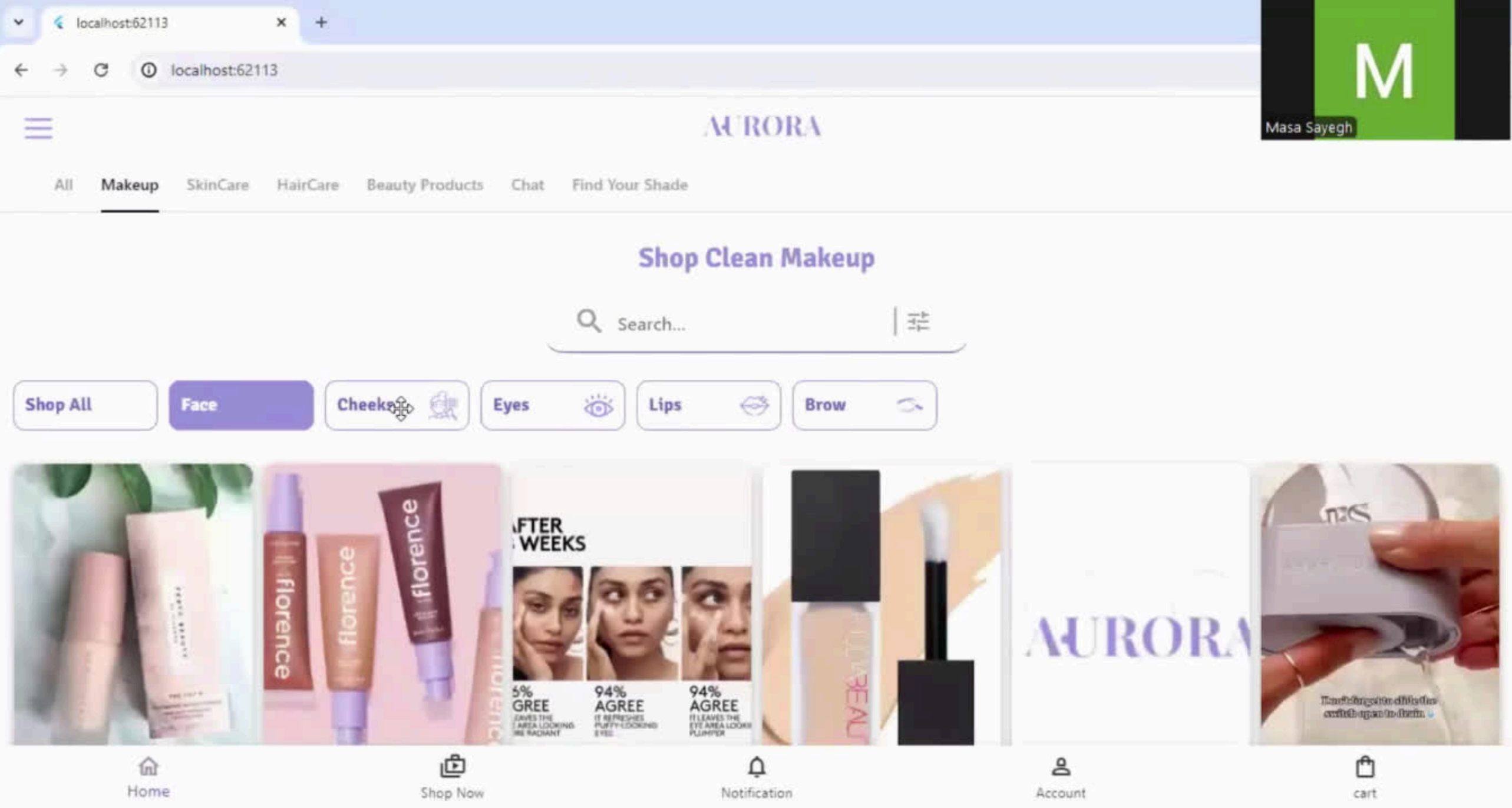
Admin - Notifications



Website



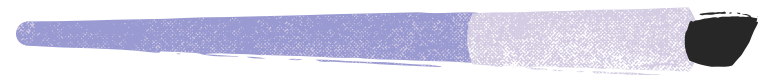
User - View



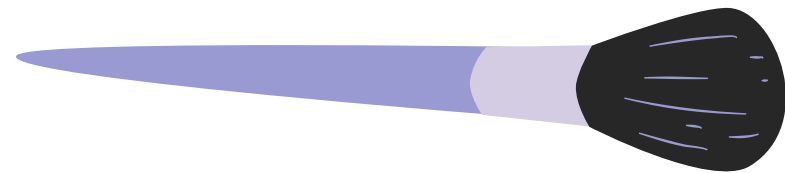
Admin - View



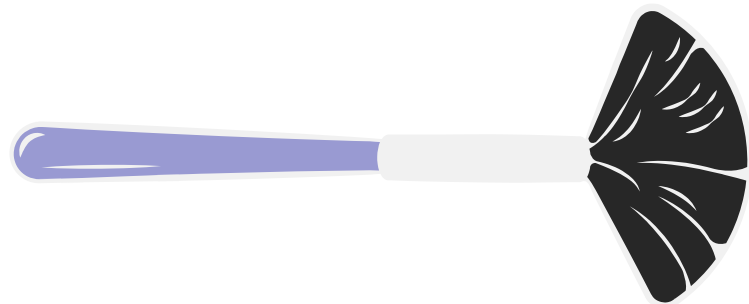
03 Constraints



Connecting the applications that we used to develop aurora and making the emulator work was challenging.



Understanding the causes of exceptions and errors in the code has not always been straightforward.



As new dependencies were added and frequent updates occurred, it sometimes clashed with our existing infrastructure.



Find a way to download and upload pictures from the cloud.



Key Challenges


- Image Processing
- Real-time Communication



Future work

Improve image processing feature to include suggesting skincare

- products based on skin type.
- develop the recommendation system.
- Enable users to upload multiple videos in chat.
- add the delivery mechanism.



THANK YOU!

DO YOU HAVE ANY QUESTIONS?