



Graduation Project 1

# TixTap

Instant Cinema App

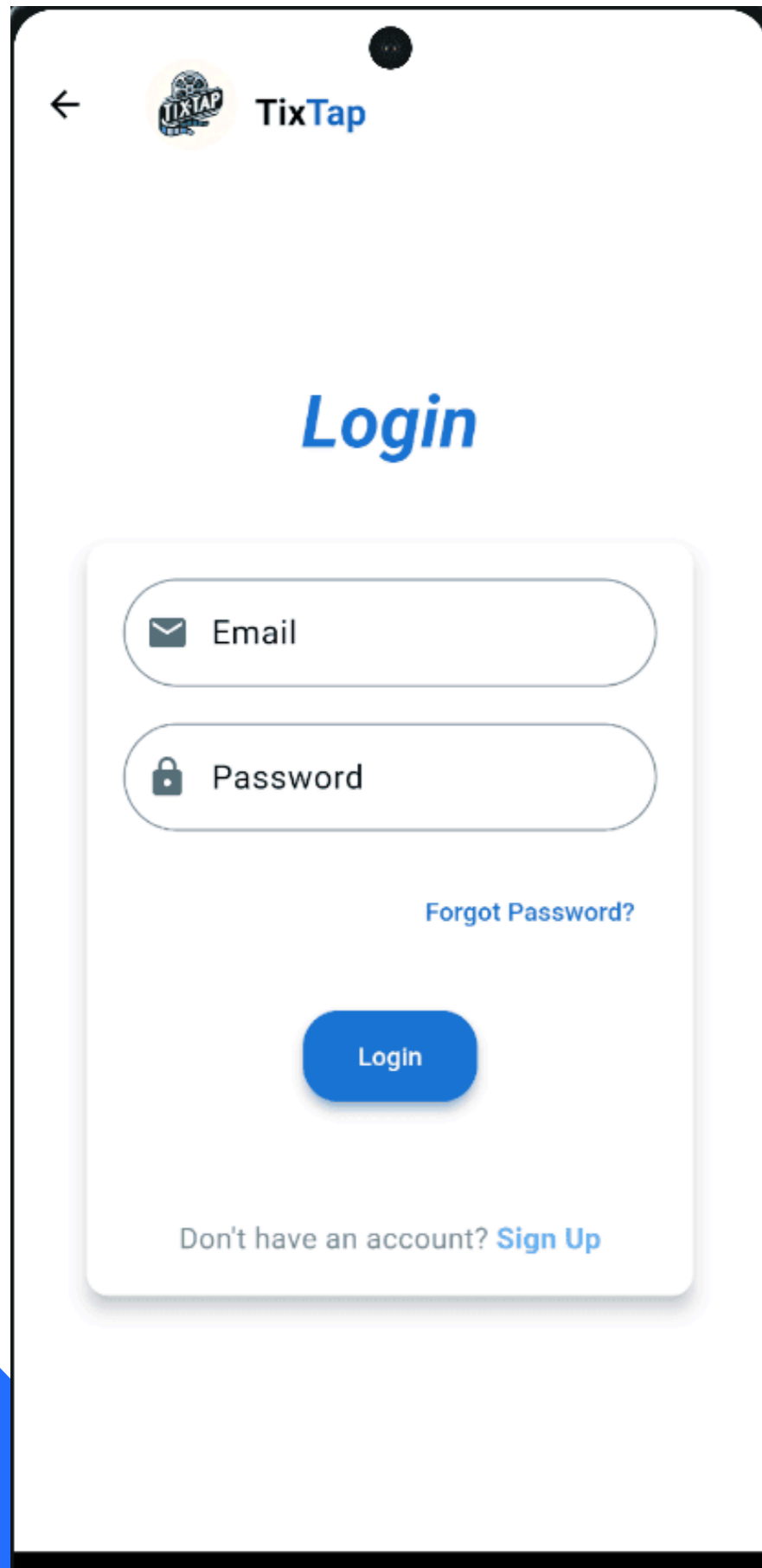


Hadeel Darawsha & Amna Othman

# Introduction

**In today's world of entertainment, movie lovers crave a seamless experience. Introducing Tix Tap, the all-in-one app for moviegoers and the powerful website for event organizers! With Tix Tap, users can effortlessly book tickets, connect with friends for movie nights, and discover their next cinematic obsession. Meanwhile, event organizers and cinemas enjoy a dedicated website that simplifies listing management and audience engagement.**

# Features



The login screen features a white background with a blue header containing the TixTap logo and a back arrow. The title "Login" is centered in blue. Below it, a white rounded rectangle contains two input fields: "Email" with an envelope icon and "Password" with a lock icon. A blue "Login" button is positioned below the fields. A link "Forgot Password?" is located to the right of the password field. At the bottom, the text "Don't have an account? Sign Up" is displayed.

← TixTap

## Login

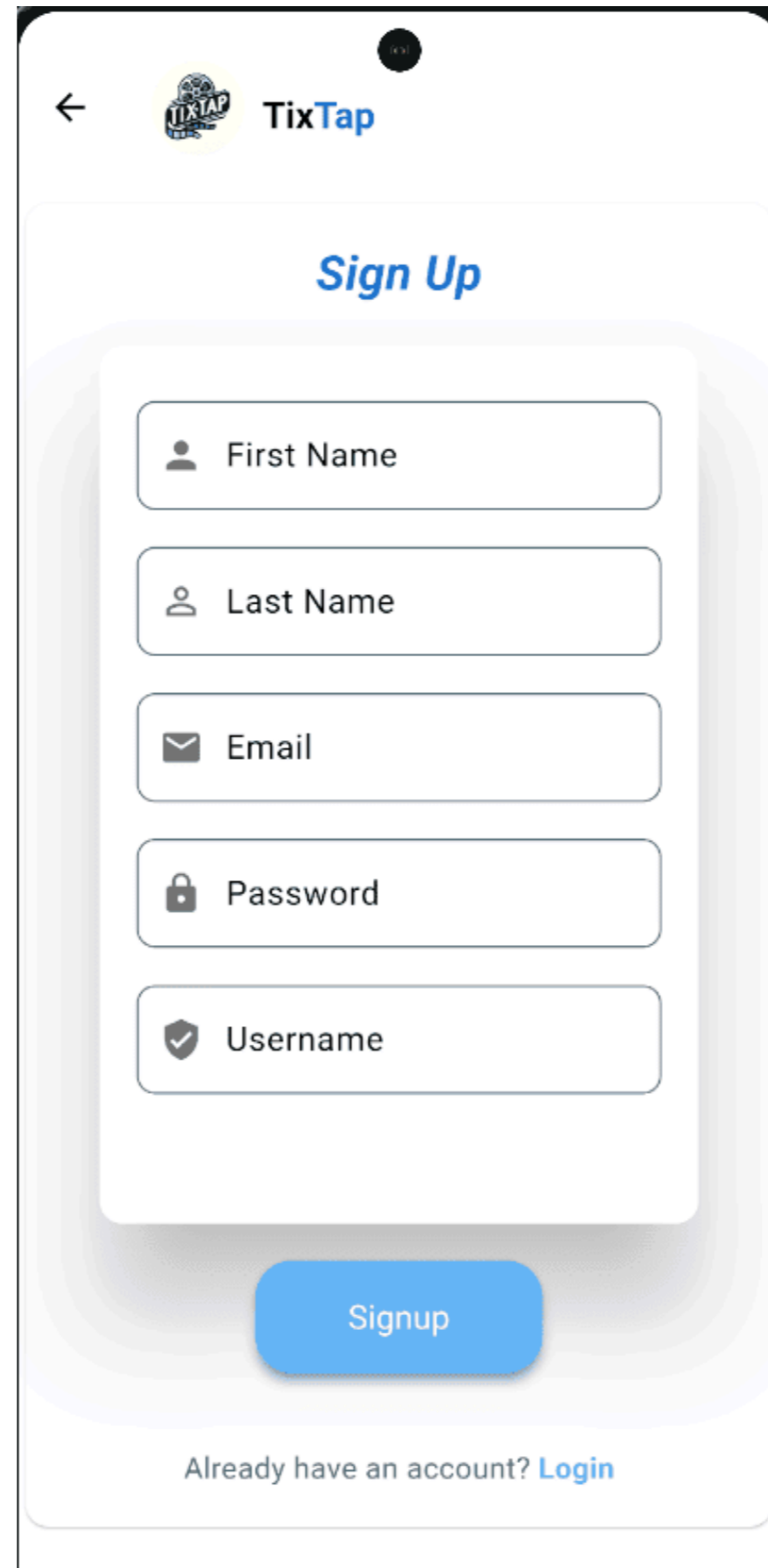
✉ Email

🔒 Password

[Forgot Password?](#)

Login

Don't have an account? [Sign Up](#)



The sign up screen has a white background with a blue header containing the TixTap logo and a back arrow. The title "Sign Up" is centered in blue. Below it, a white rounded rectangle contains four input fields: "First Name" with a person icon, "Last Name" with a person icon, "Email" with an envelope icon, "Password" with a lock icon, and "Username" with a checkmark icon. A blue "Signup" button is at the bottom of the form. At the very bottom, the text "Already have an account? Login" is displayed.

← TixTap

## Sign Up

👤 First Name

👤 Last Name

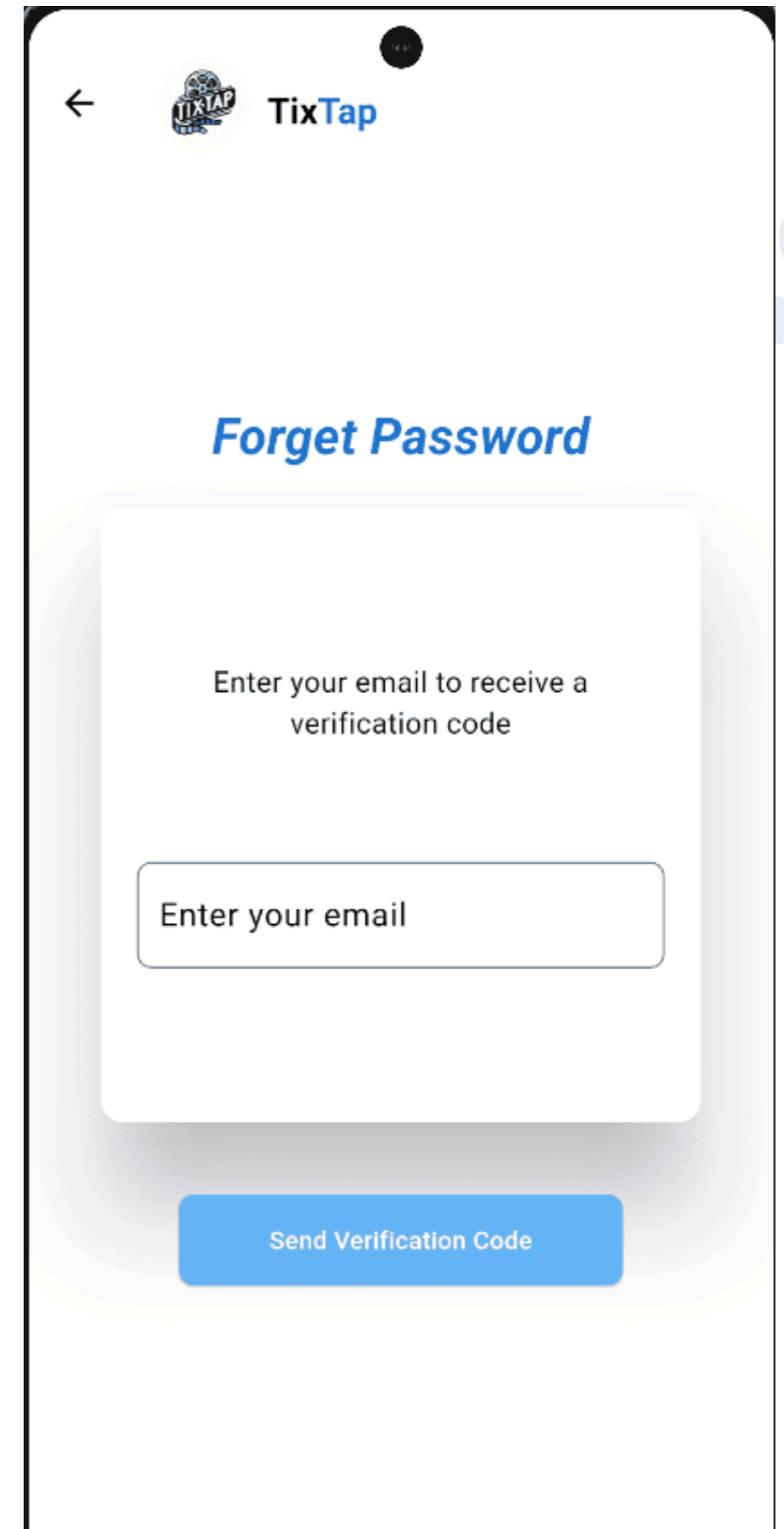
✉ Email

🔒 Password

✅ Username

Signup

Already have an account? [Login](#)



The forget password screen has a white background with a blue header containing the TixTap logo and a back arrow. The title "Forget Password" is centered in blue. Below it, a white rounded rectangle contains the text "Enter your email to receive a verification code" and a single input field labeled "Enter your email". A blue "Send Verification Code" button is at the bottom of the form.

← TixTap

## Forget Password


Enter your email to receive a verification code

Enter your email

Send Verification Code

# Features

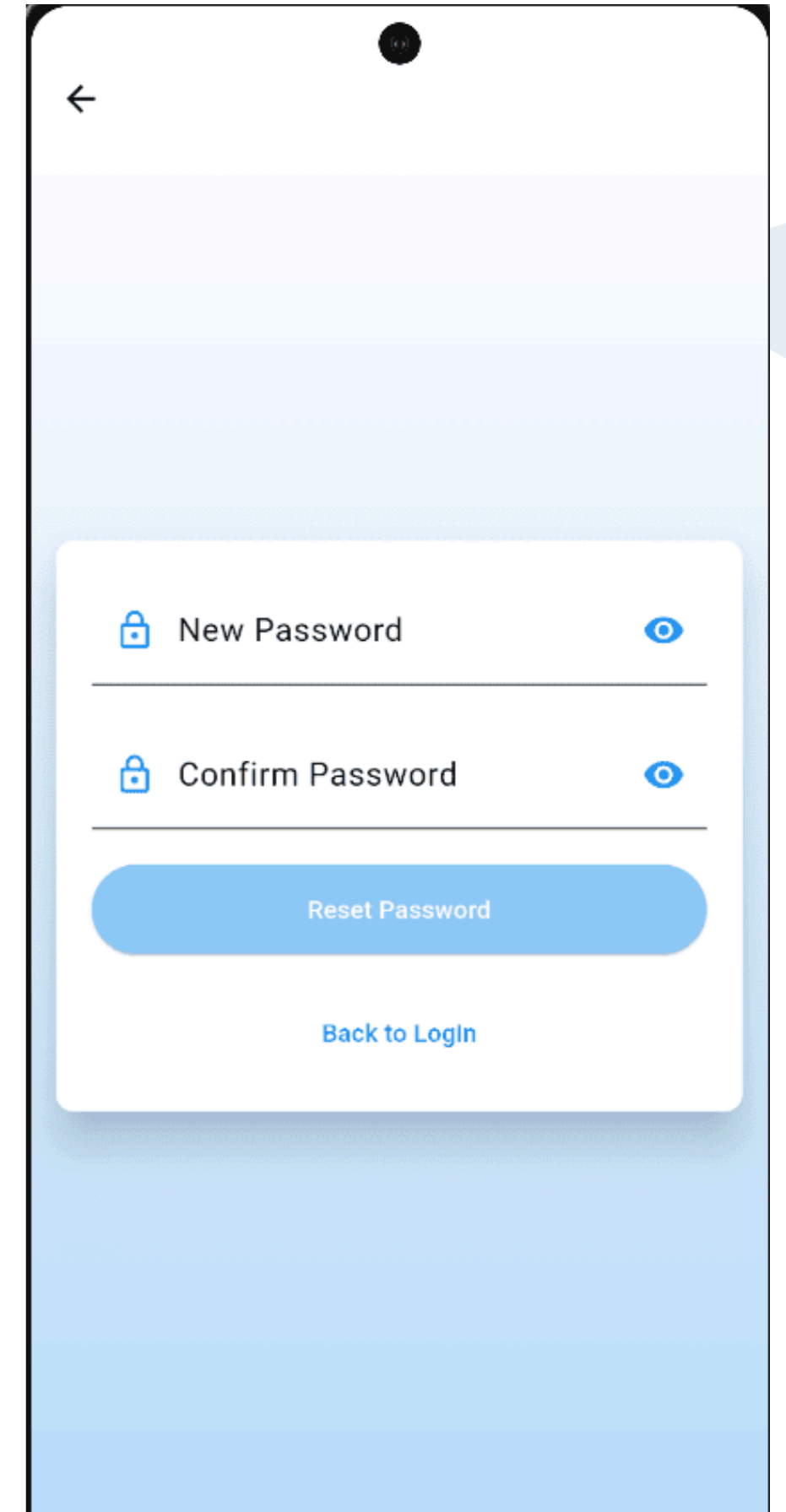
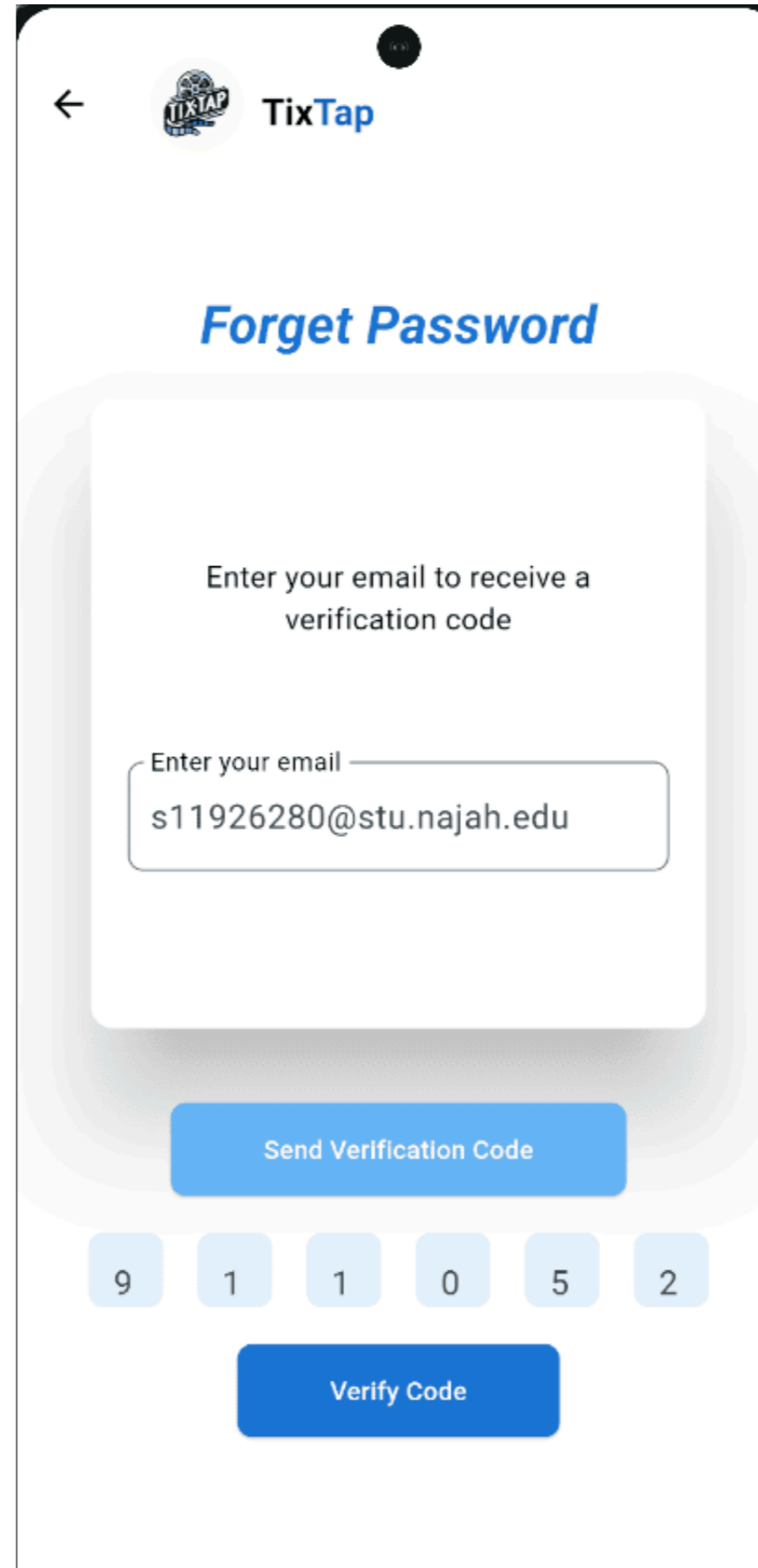
Reset Password Verification Code 2024-07-02 10:35:34.479779 Inbox x

 **TixTap** <s11941236@stu.najah.edu>  
to me ▾

Your reset code is: 911052

↩ Reply


➦ Forward



# Features

11:01

← Edit Profile



First Name  
Hadeel

Last Name  
Darawsha

Email  
s11926280@stu.najah.edu

Username  
hadeel\_1

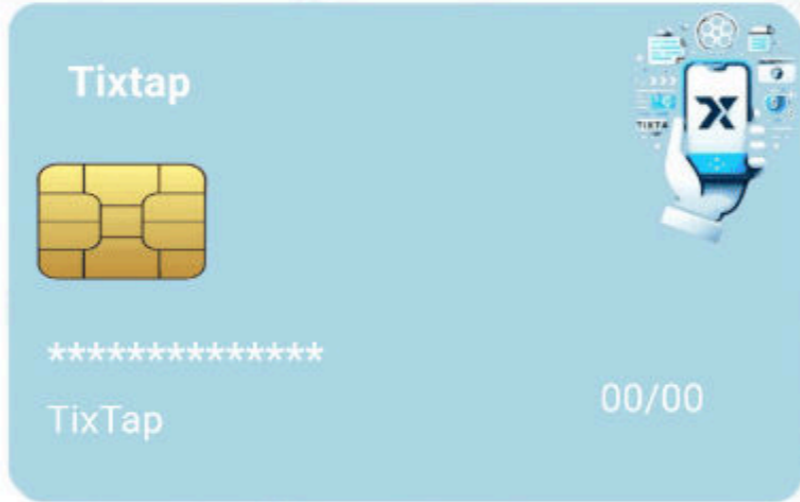
Female

Save Changes

11:05

← Payment Details

Here you can view your card, but you currently do not have one. Order it now directly. We will provide you with a card exclusive to our site, which you can then use for your payments.



TixTap

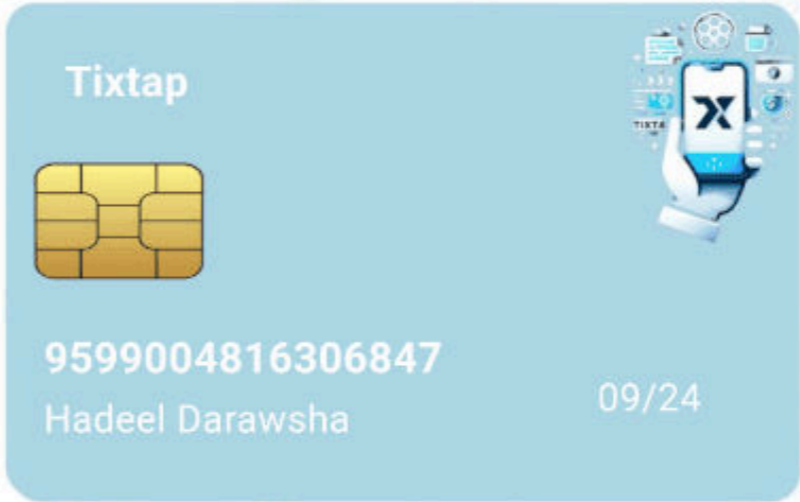
\*\*\*\*\*

TixTap 00/00

Create Card

11:06

← Payment Details



Tixtap

9599004816306847

Hadeel Darawsha 09/24

Show Balance

Recharge Card

←

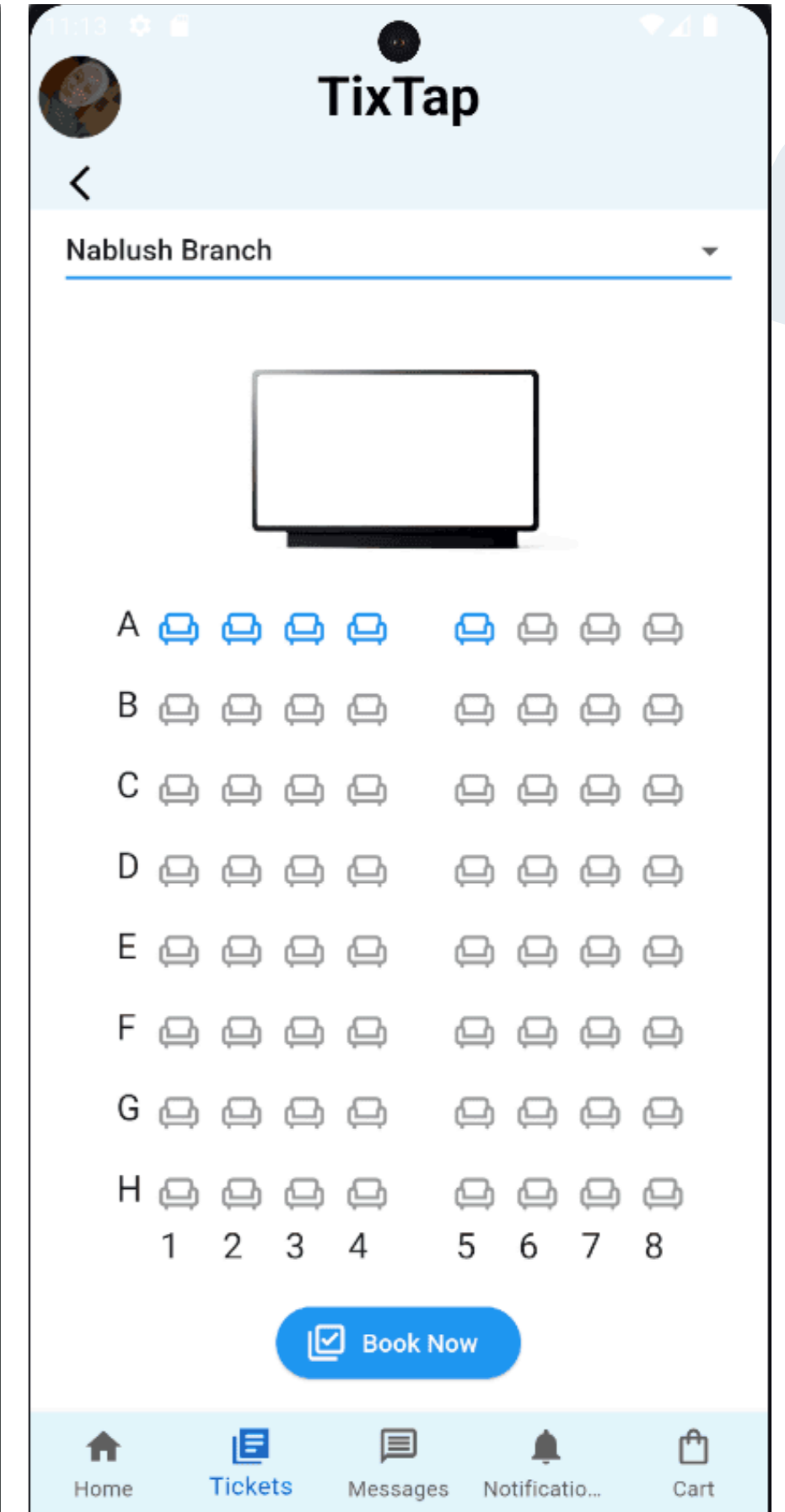
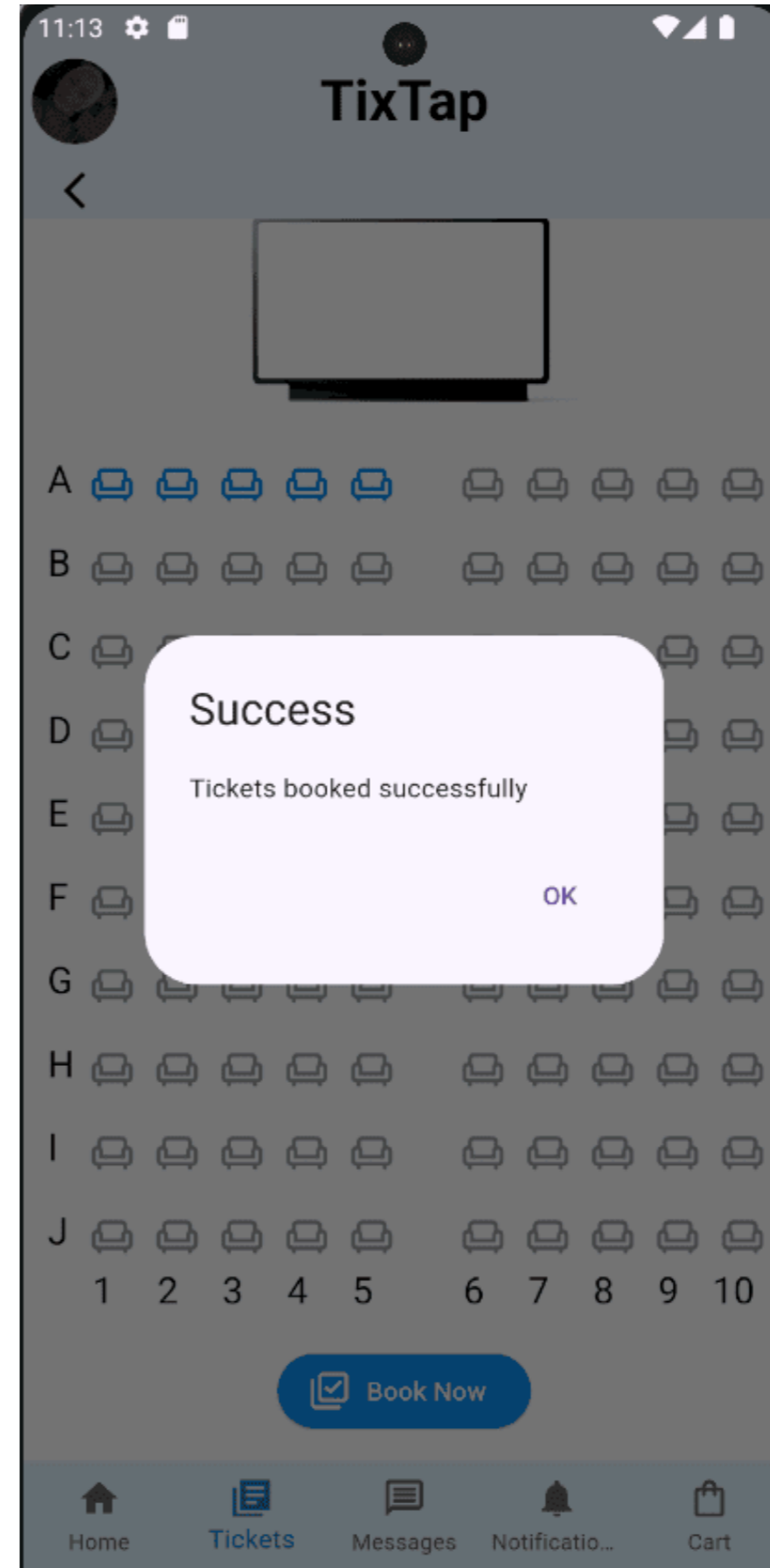
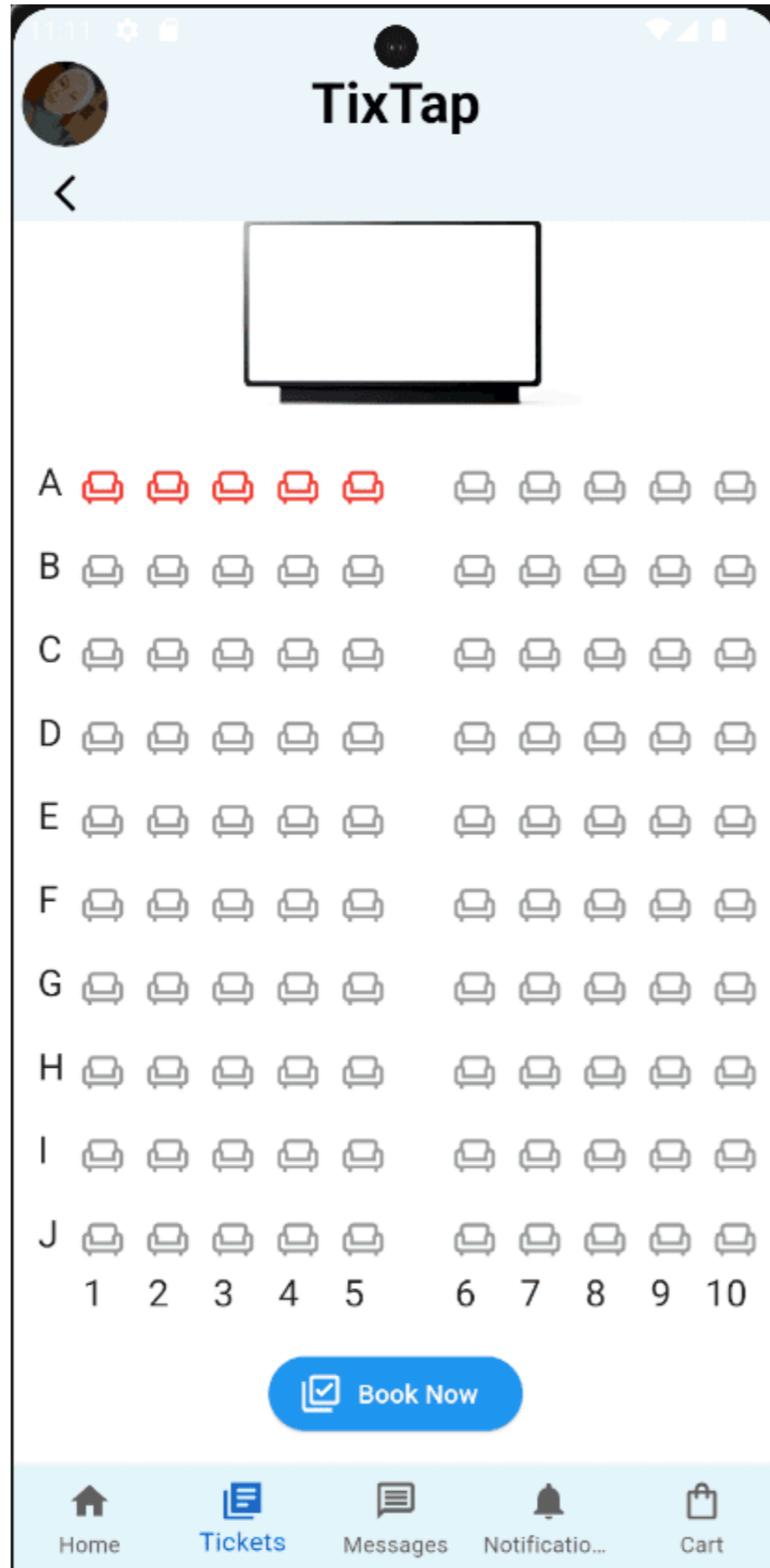
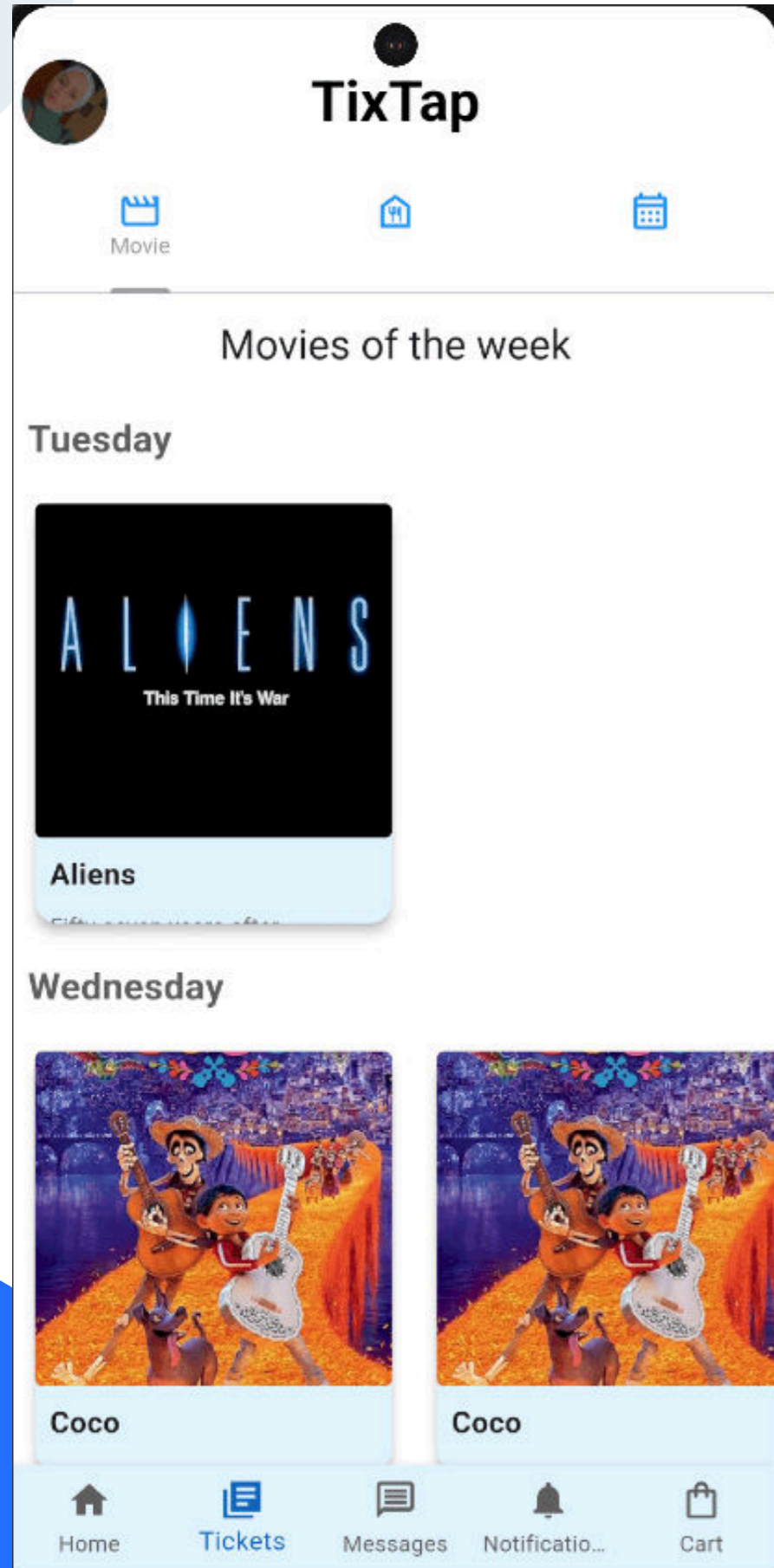
New Password

Confirm Password

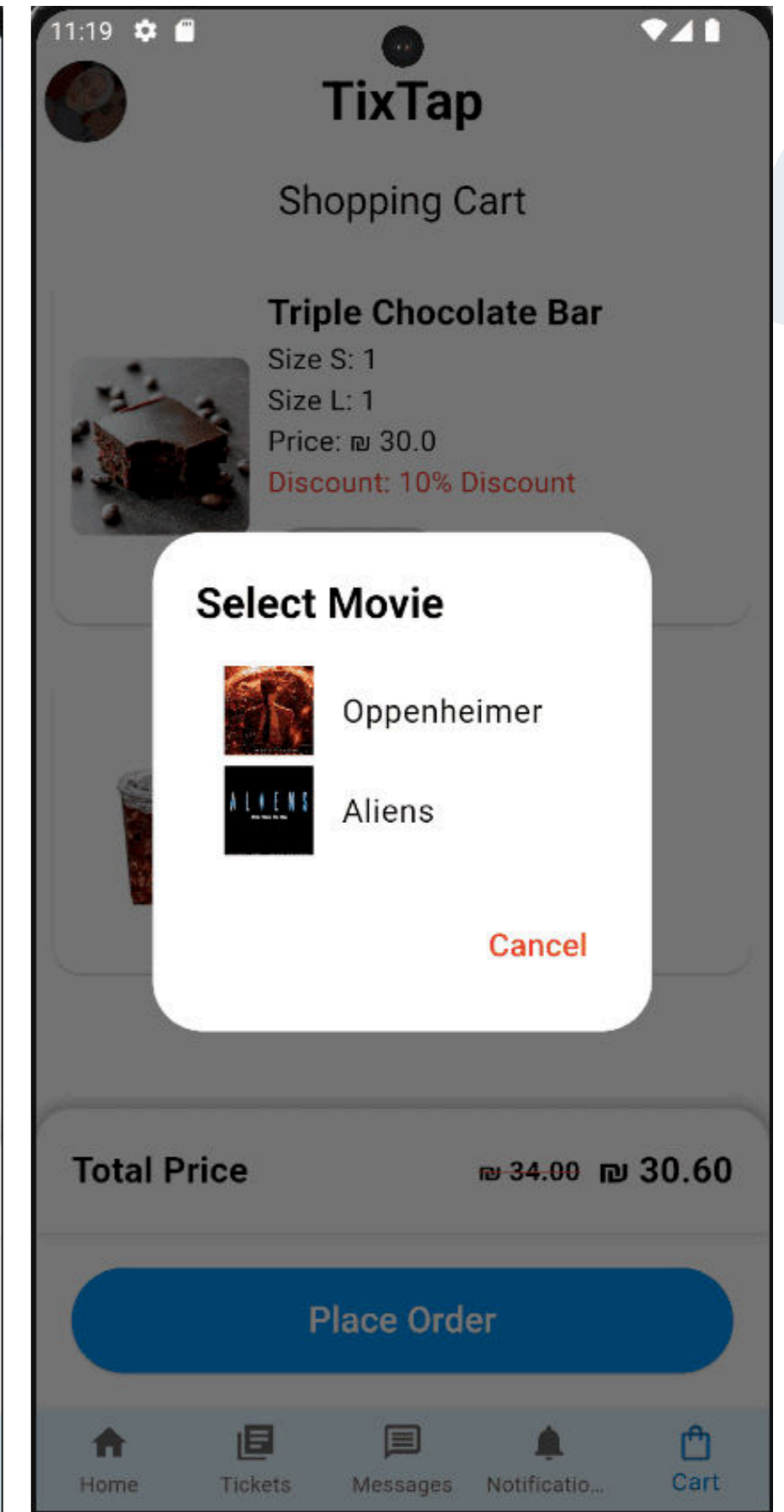
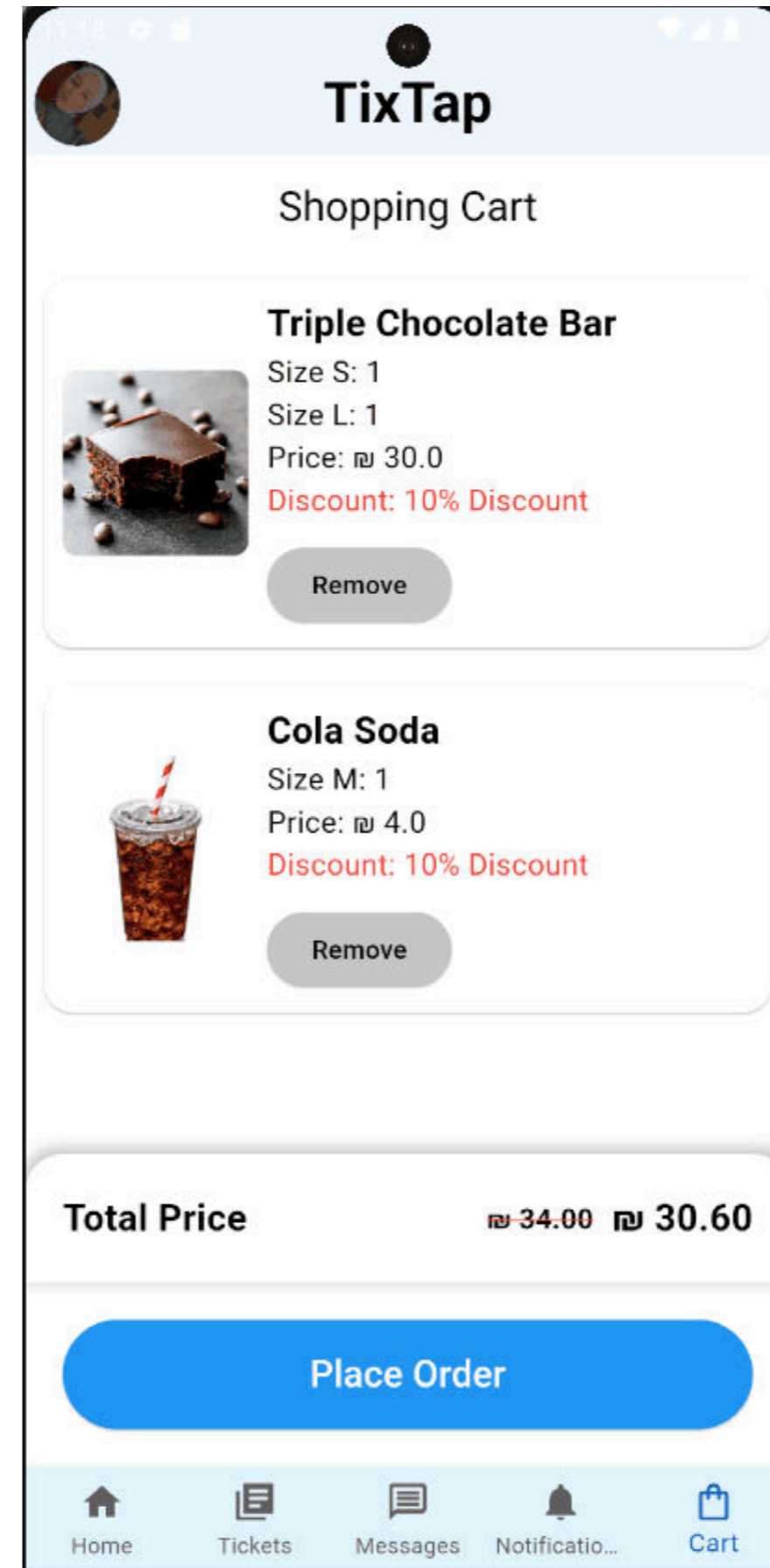
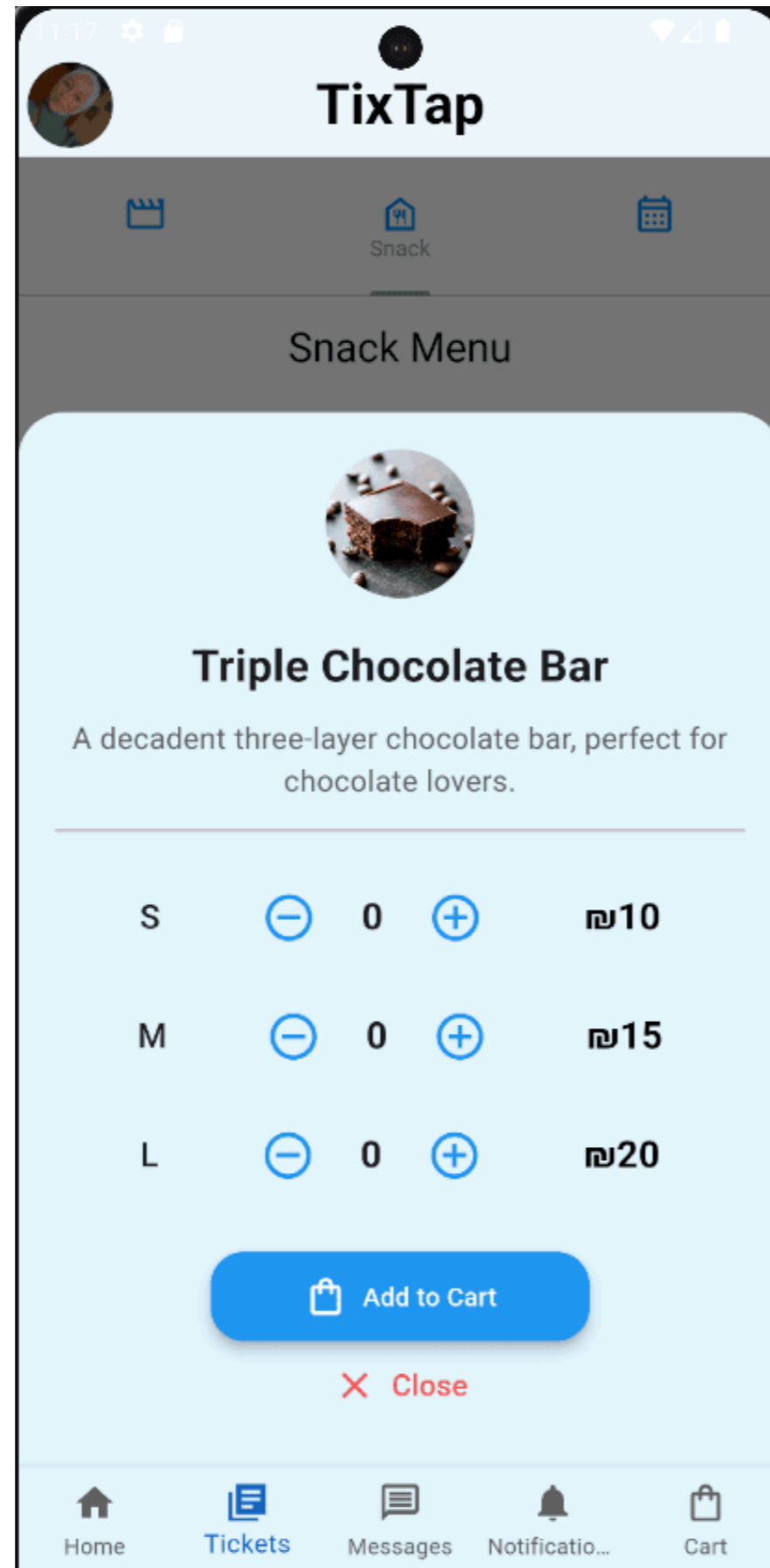
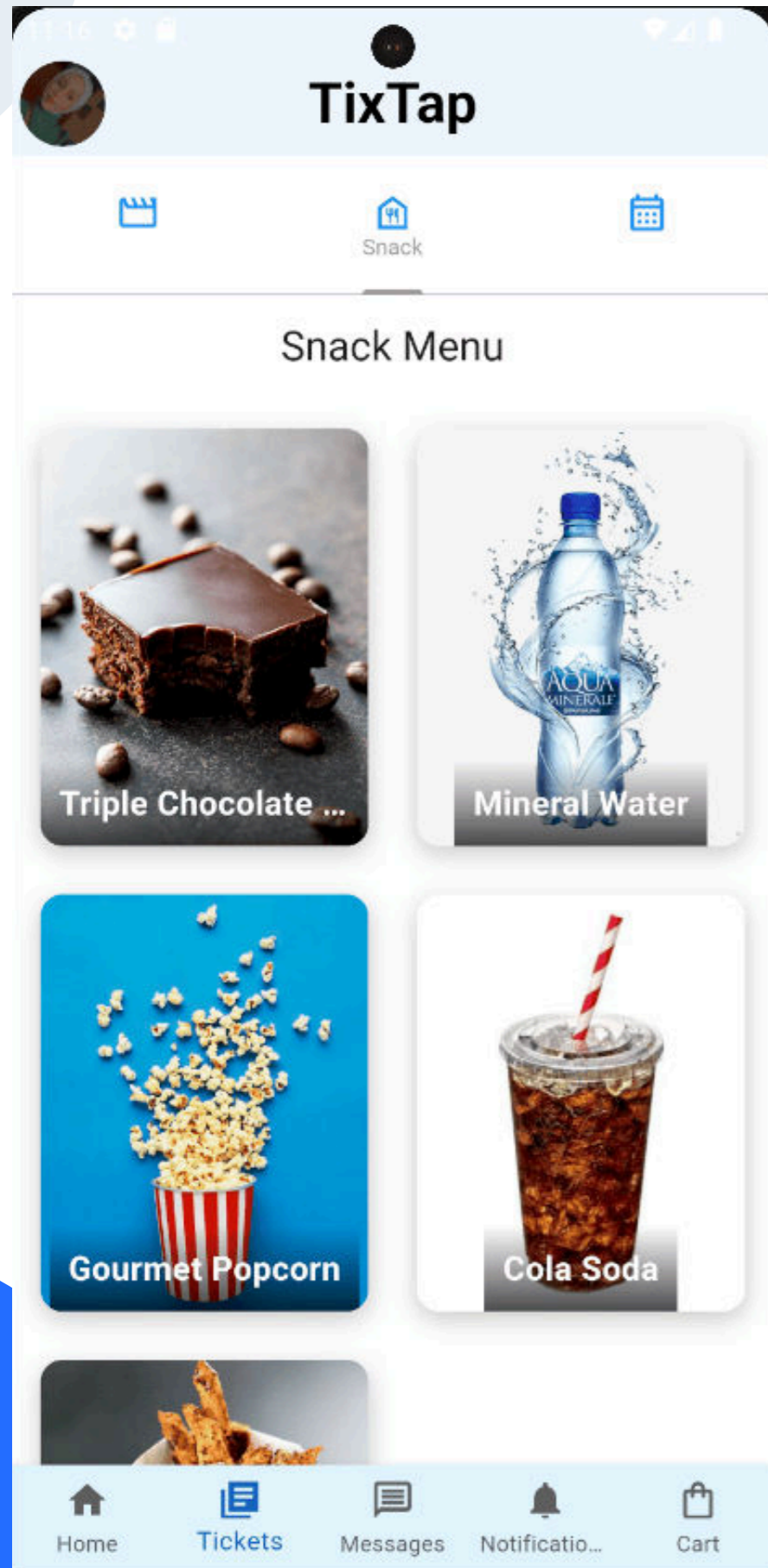
Reset Password

Back to Login

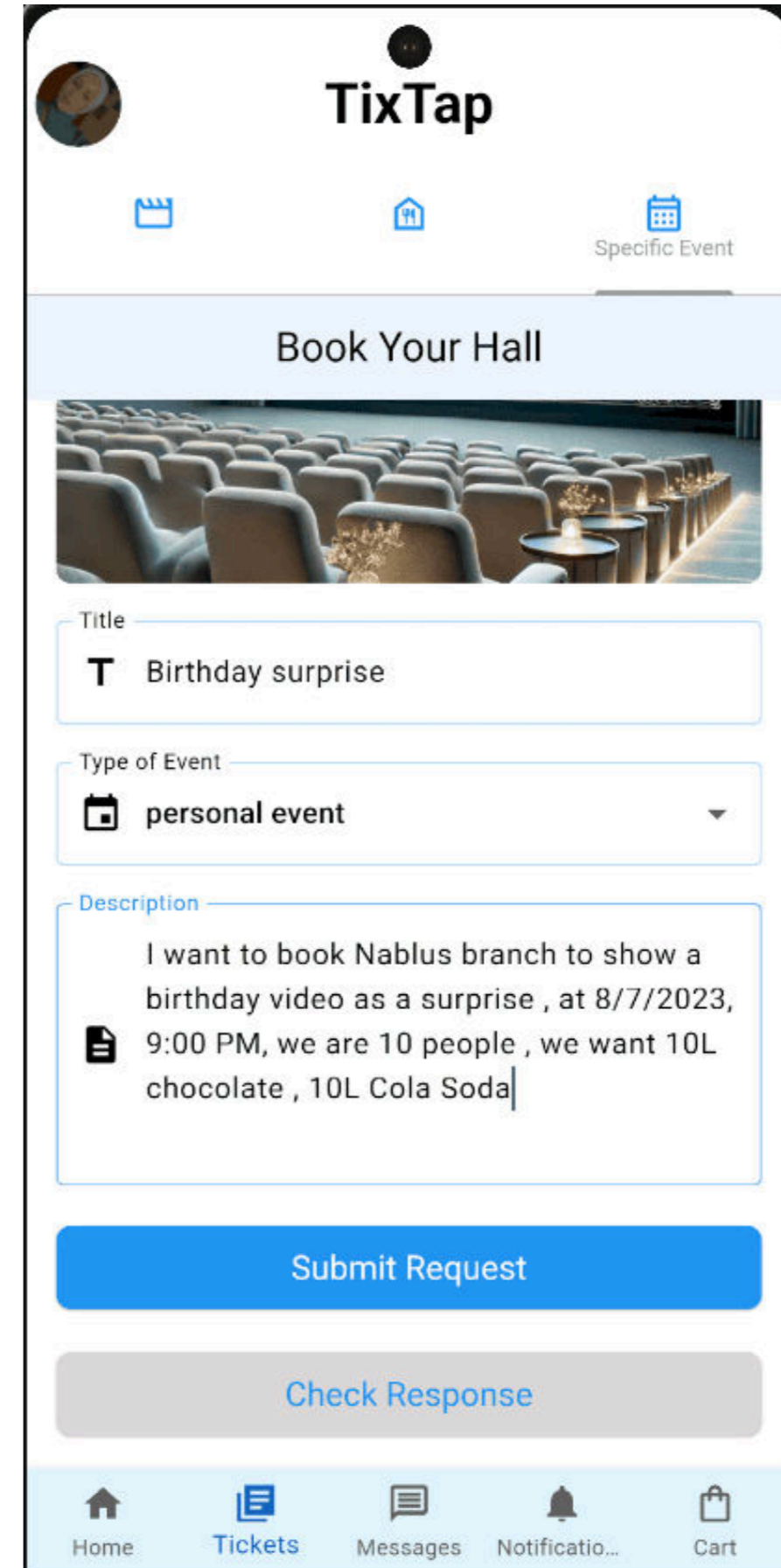
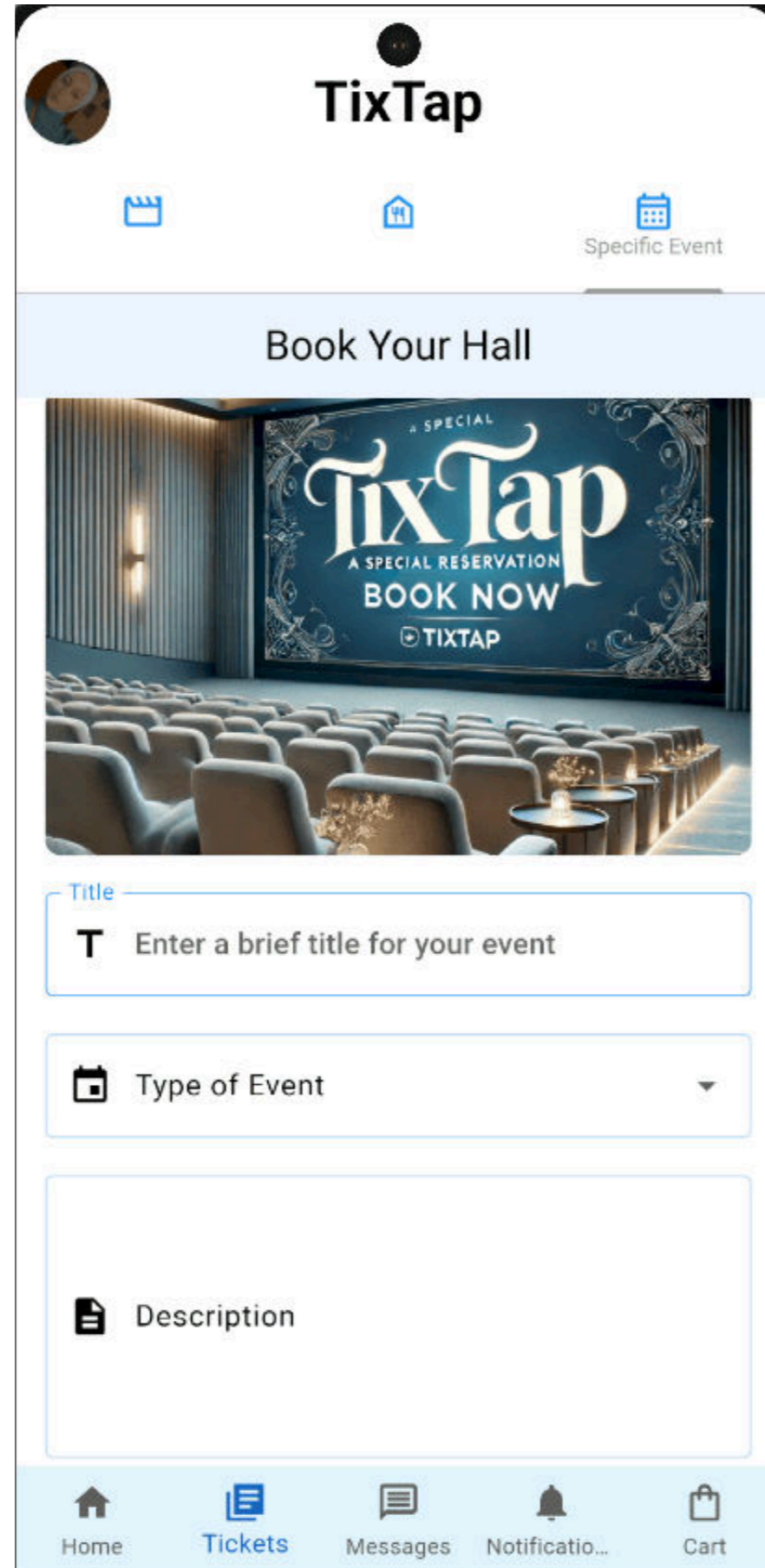
# Features



# Features



# Features



# Features

Hadeel Darawsha

s11926280@stu.najah.edu

Title: Birthday surprise

Type: personal event

Description: I want to book Nablus branch to show a birthday video as a surprise , at 8/7/2023, 9:00 PM, we are 10 people , we want 10L chocolate , 10L Cola Soda

Approve

Please review the booking details:

Description: I want to book Nablus branch to show a birthday video as a surprise , at 8/7/2023, 9:00 PM, we are 10 people , we want 10L chocolate , 10L Cola Soda

Price

150

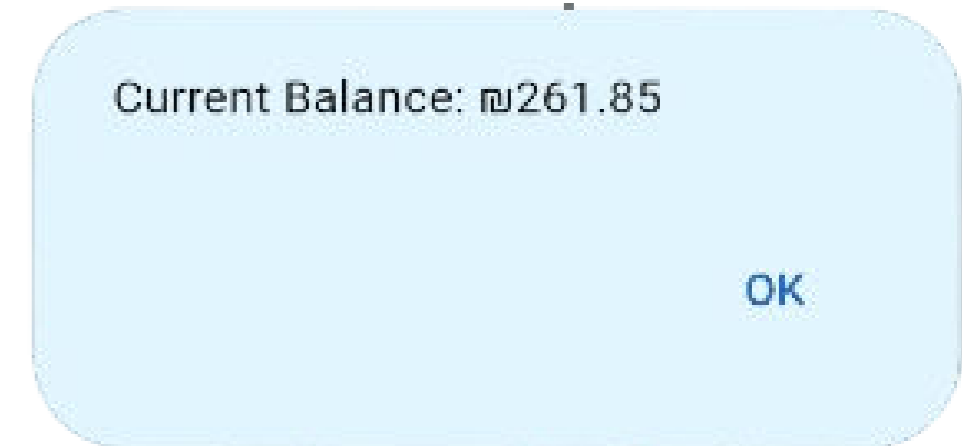
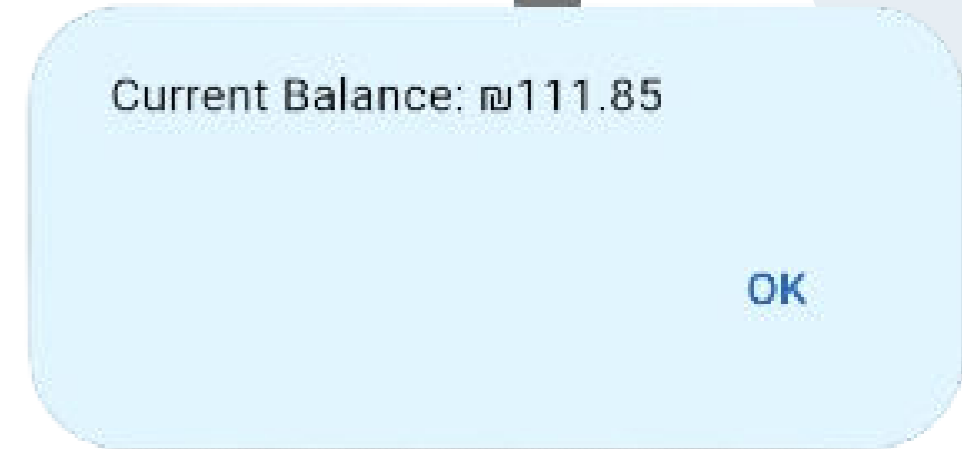
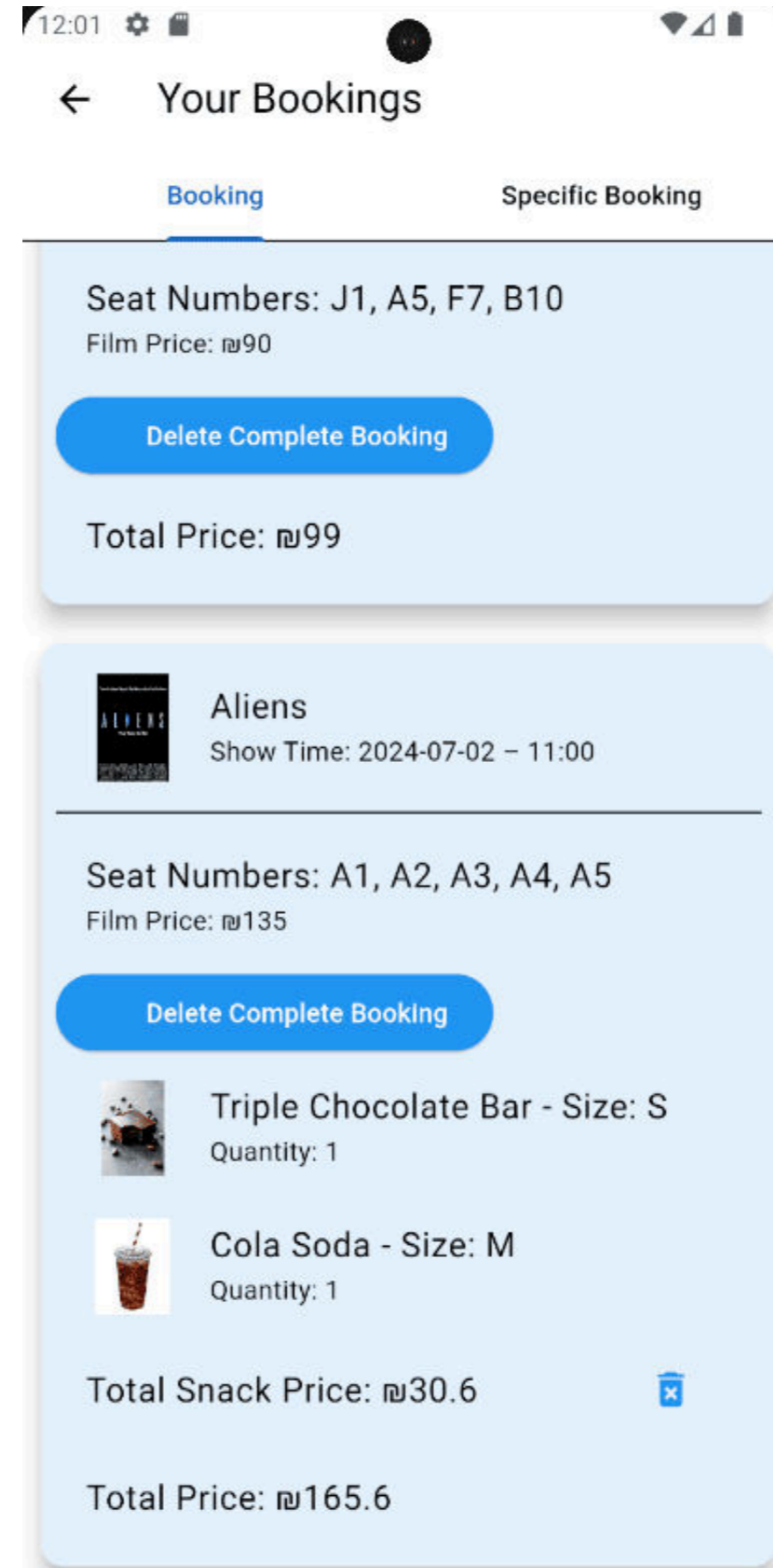
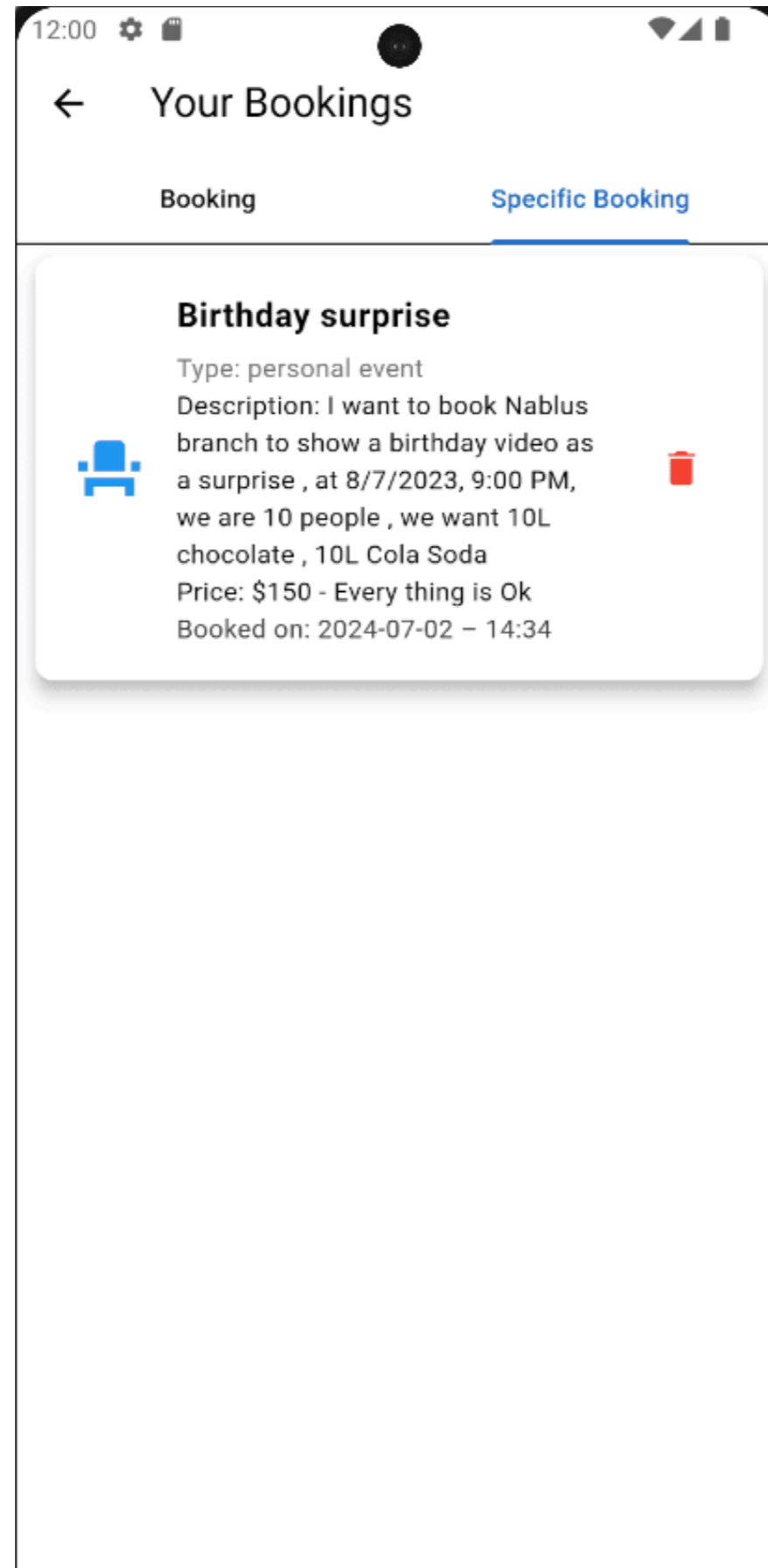
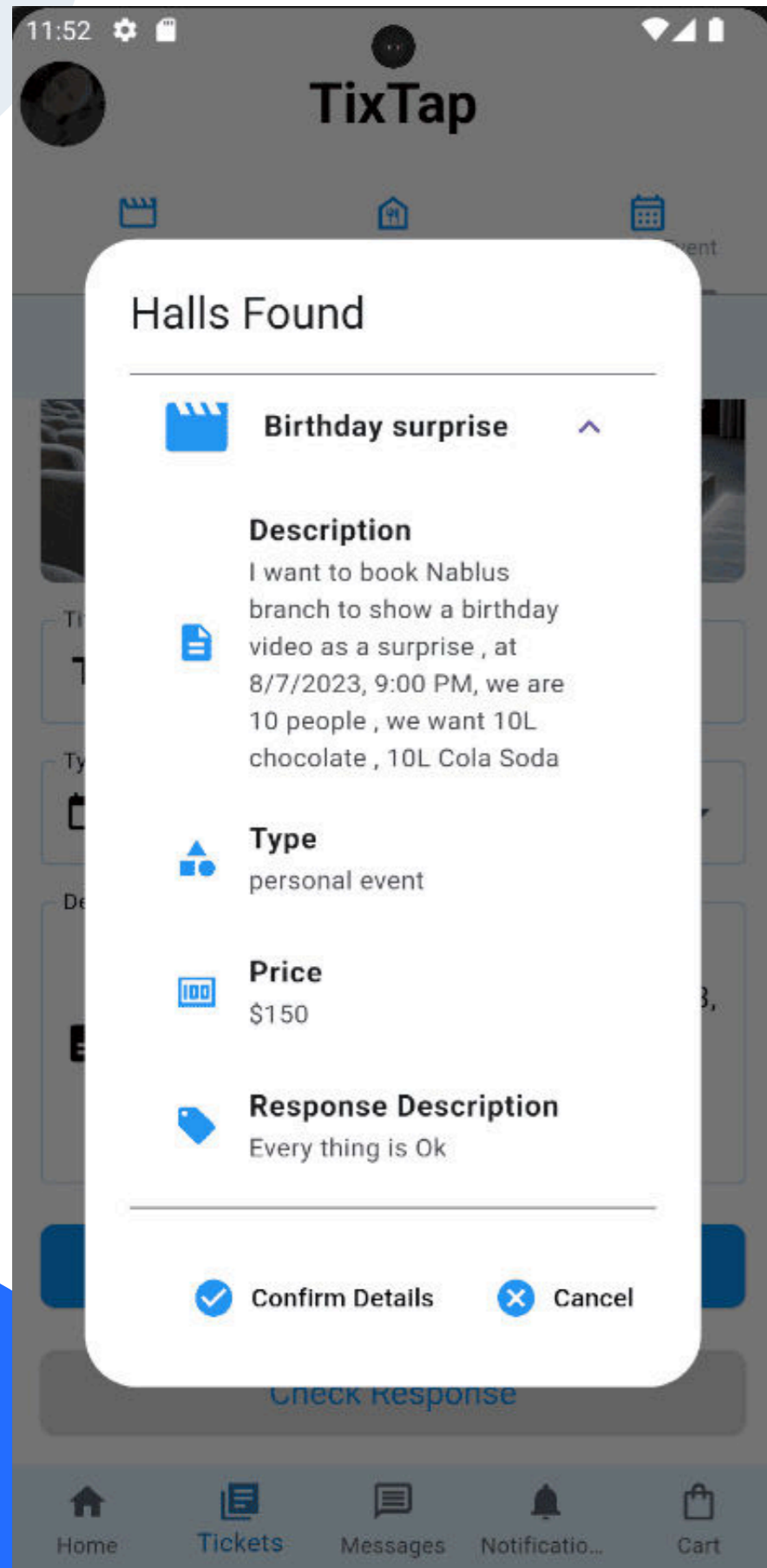
Response Description

Every thing is Ok

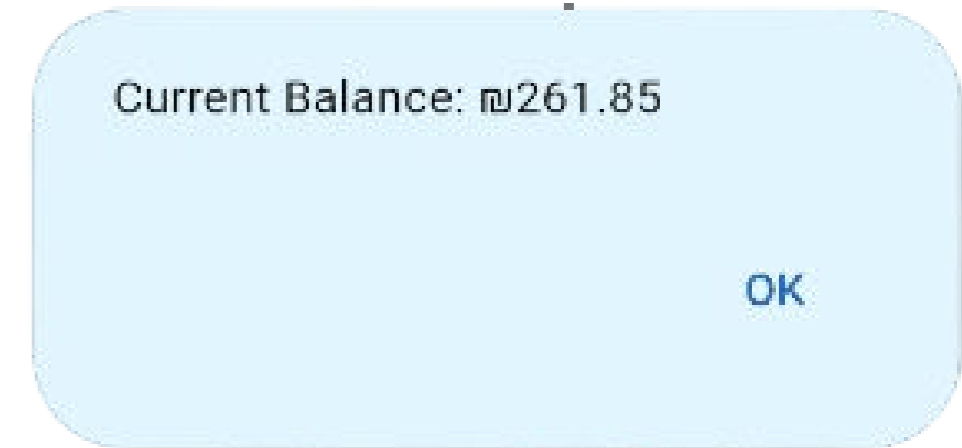
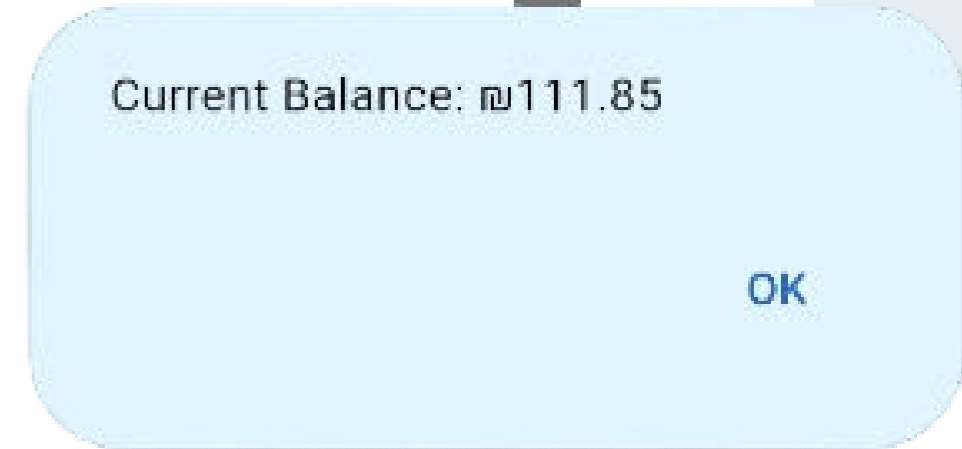
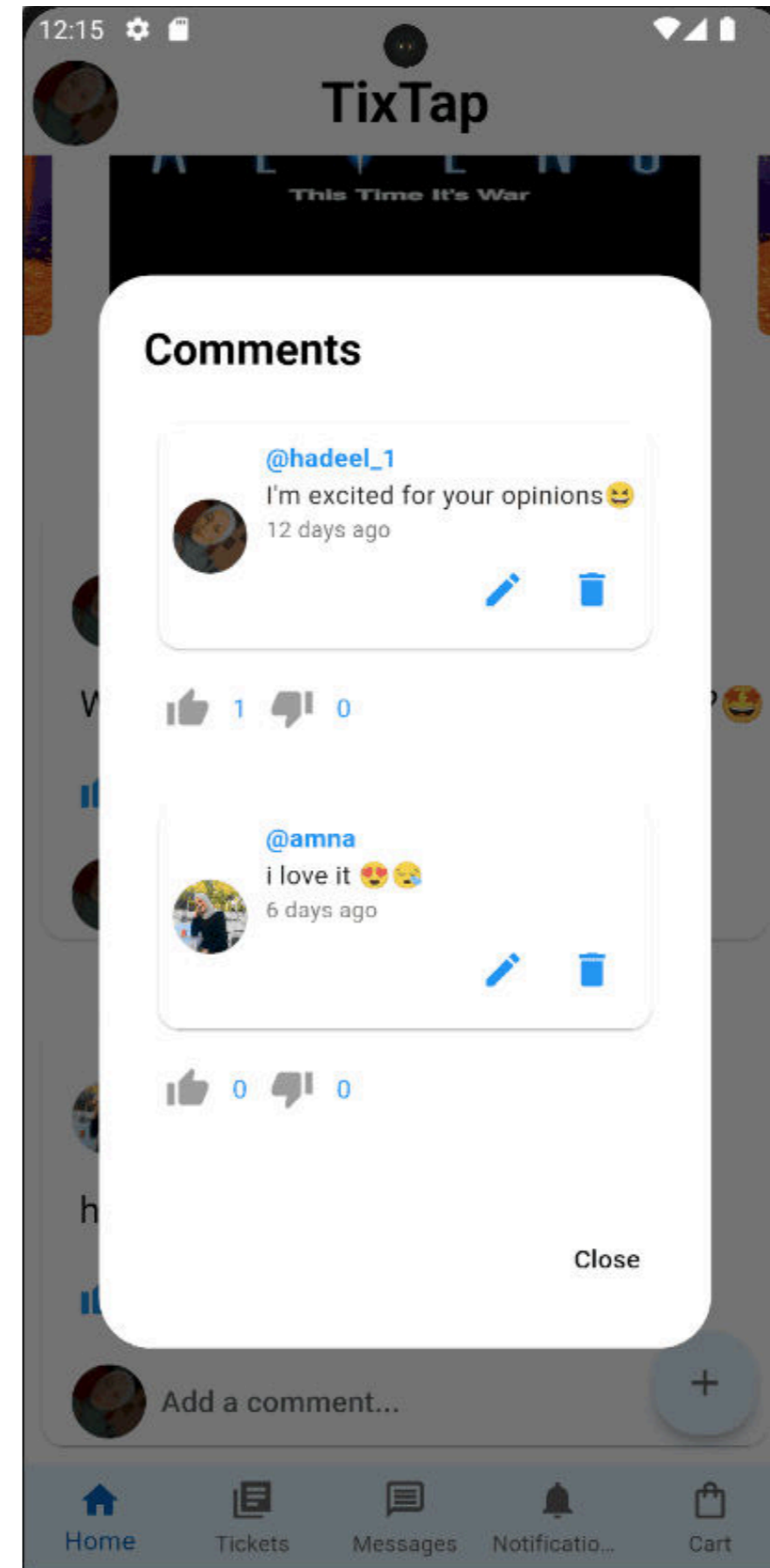
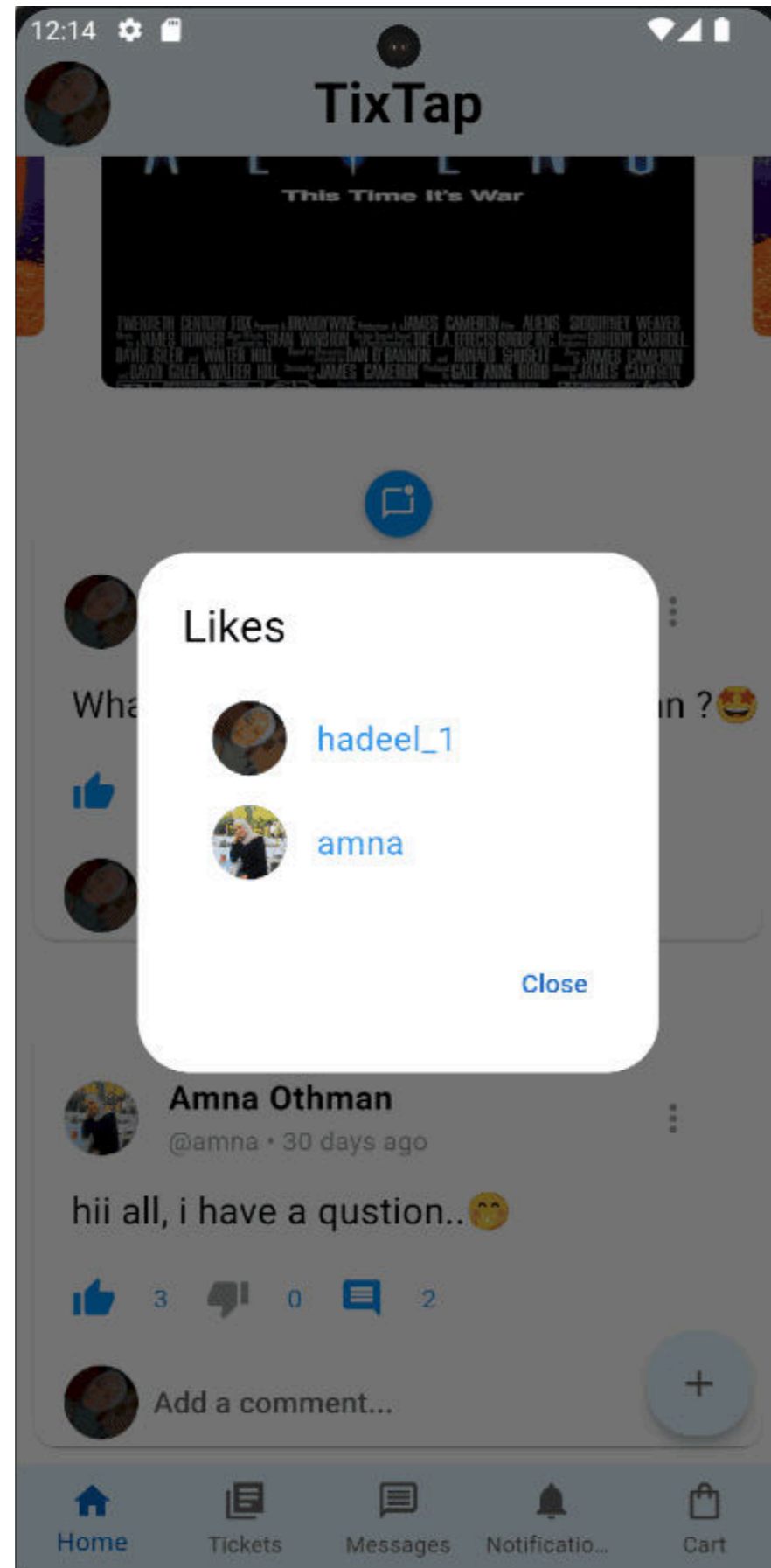
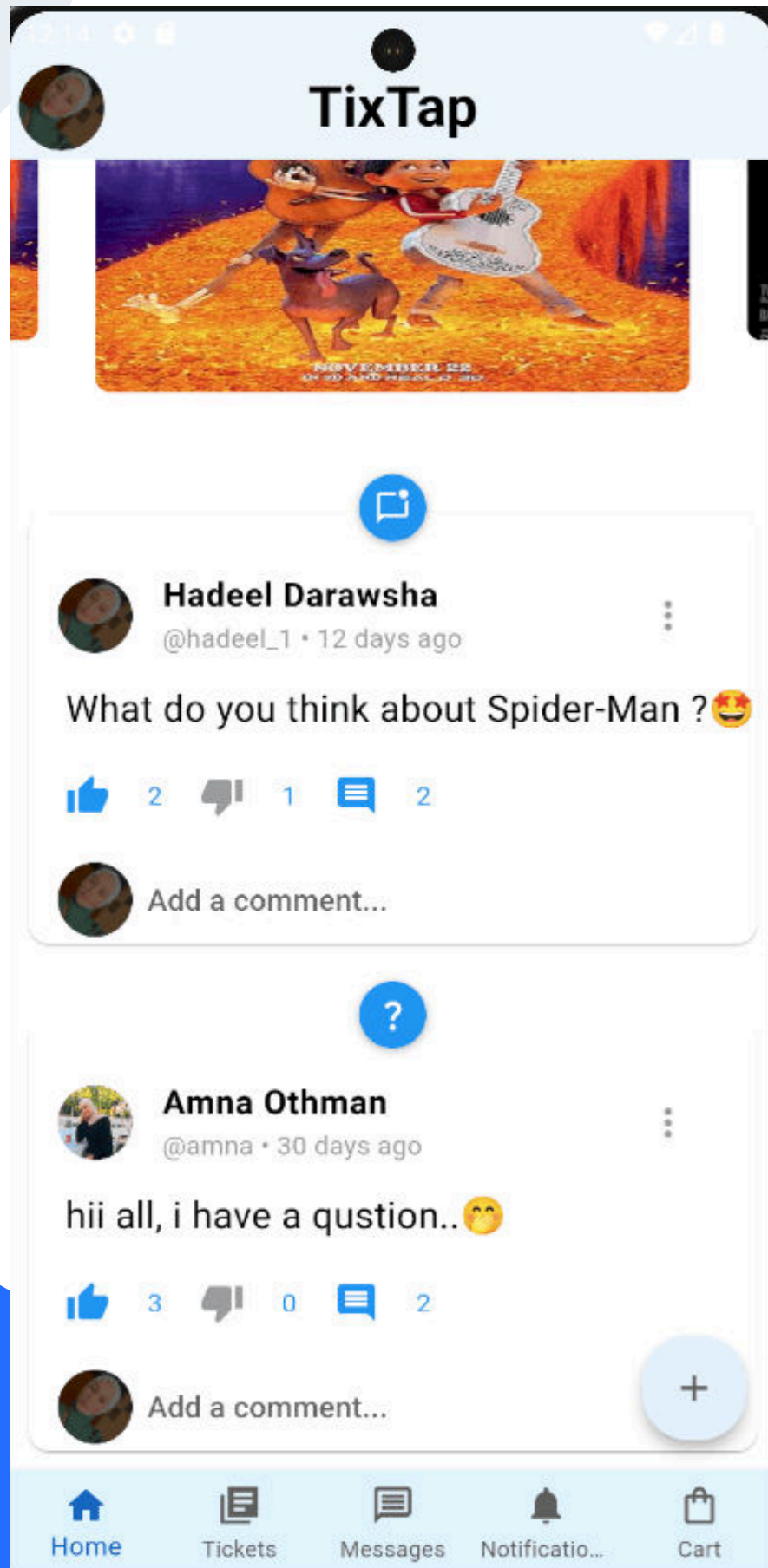
Confirm

Cancel

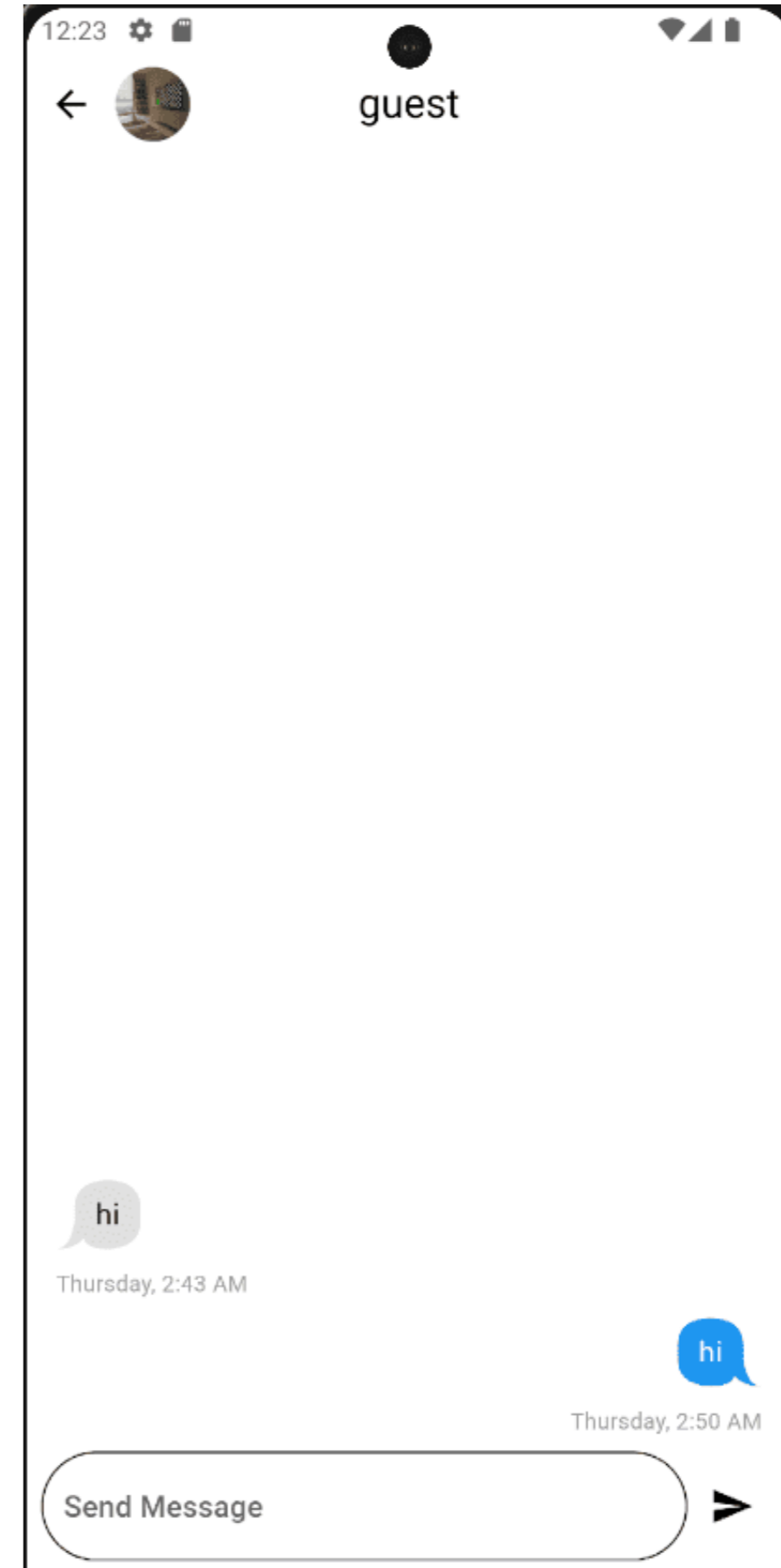
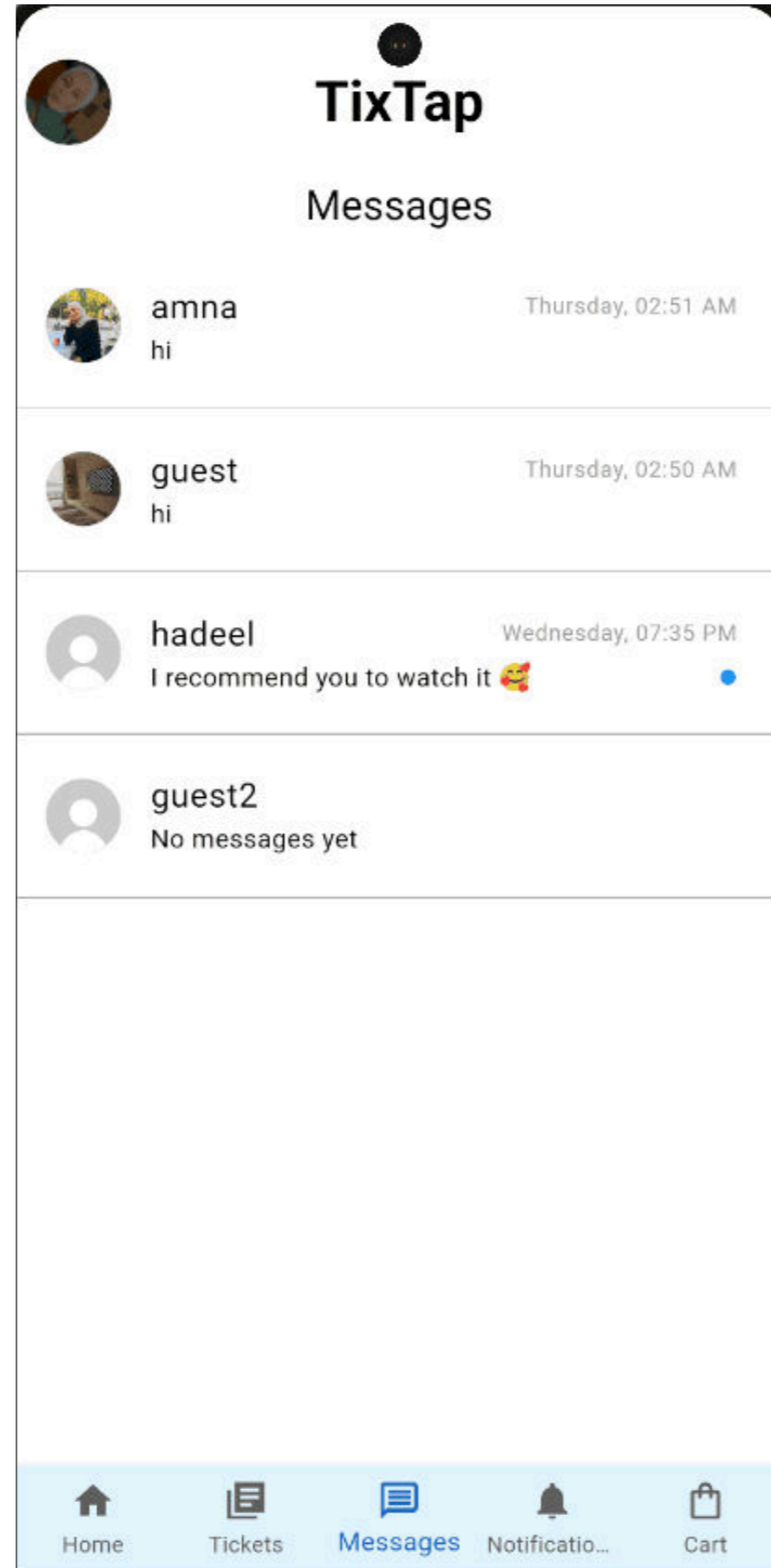
# Features



# Features



# Features



# Features



## TixTap

**Welcome back to the TixTap Management Portal!**

The Cinema Management Portal awaits your expertise. Effortlessly add new films, manage showtimes, and keep information fresh. Plus, don't forget to check user requests – happy cineplexing!

Email  
amenathmn@gmail.com

Password  
.....

[Forgot Password?](#)

[Login](#)

### Admin Dashboard

amna

## TixTap

Welcome back to the TixTap Management Portal

- Tickets
- Branches
- Hall
- Shows
- Snacks

### Shows on Tuesday, July 2

Film Name	Branch	Time
Aliens	Ramallah Branch	11:00
Aliens	Nablush Branch	11:00

[Show Report](#)

### Edit Profile



First Name  
Amna

Last Name  
Othman

Email  
amenathmn@gmail.com

Username  
amna

Gender  
Female

[Change Password](#)

### Admin Dashboard

amna

### Shows on Tuesday, July 2

Film Name	Branch	Time
Aliens	Ramallah Branch	11:00
Aliens	Nablush Branch	11:00

[Show Report](#)

Item	Details
Total Revenue	₪502.90
Best Branch	Ramallah Branch
Most Watched Movie	Aliens
Most Popular Snack	Triple Chocolate Bar
Specific Movie Reservations	1
Personal Event Reservations	0

# Features


## Admin Dashboard

Admin Dashboard

Tickets Dashboard

Movie Snack Hall for a specific movie Hall for a personal event

Tickets Dashboard

 **The Dark Knight**

Branch: Nablush Branch  
Time: Wednesday, June 26, 2024 – 6:00 PM

Amna Othman  
Email: amenathmn@gmail.com  
Seats: A2 (booked)  
Price: ₪22.50  
Discount Description: 10% discount applied: Originally \$25.00, now \$22.50

Amna Othman  
Email: amenathmn@gmail.com  
Seats: A1 (booked)  
Price: ₪22.50  
Discount Description: 10% discount applied: Originally \$25.00, now \$22.50

amna

## Admin Dashboard


Admin Dashboard


Tickets Dashboard

Movie Snack Hall for a specific movie Hall for a personal event

User Snacks Orders


**Amna Othman**  
amenathmn@gmail.com


 Triple Chocolate Bar  
Sizes: S: 1

 Mineral Water  
Sizes: S: 1

**Total Order Price: ₪10.35**  
10% discount applied: Originally ₪11.50, now ₪10.35

**Hadeel Darawsha**  
s11926280@stu.najah.edu

 Triple Chocolate Bar  
Sizes: S: 1, L: 1

 Cola Soda  
Sizes: M: 1

amna


## Admin Dashboard

Admin Dashboard

Tickets Dashboard

Movie Snack Hall for a specific movie Hall for a personal event

Booked Halls Overview

 watch spider man with my family  
guest guest - hadeel1@gmail.com

amna


## Admin Dashboard

Admin Dashboard


Tickets Dashboard


Movie Snack Hall for a specific movie Hall for a personal event


Booked Halls Overview


 Birthday surprise  
Hadeel Darawsha - s11926280@stu.najah.edu

**Details for Birthday surprise**

 **Hadeel Darawsha**  
Email: s11926280@stu.najah.edu

 **Description**  
I want to book Nablus branch to show a birthday video as a surprise , at 8/7/2023, 9:00 PM, we are 10 people , we want 10L chocolate , 10L Cola Soda

 **Type**  
personal event

 **Booked Status**  
Yes

[Close](#)

amna

# Features

Admin Dashboard

Branch Management

Ramallah Branch  
Location: Ramallah  
Mobile: 1234567890  
Rooms:  
Room 101: Rows - 10, Columns - 10  
Room 102: Rows - 8, Columns - 8

Nablush Branch  
Location: Nablus  
Mobile: 0000000000  
Rooms:  
Room 101: Rows - 6, Columns - 8  
Room 102: Rows - 8, Columns - 8

+

Admin Dashboard

Branch Management

Ramallah Branch  
Location: Ramallah  
Mobile: 1234567890  
Rooms:  
Room 101: Rows - 10, Columns - 10  
Room 102: Rows - 8, Columns - 8

Nablush Branch  
Location: Nablus  
Mobile: 0000000000  
Rooms:  
Room 101: Rows - 6, Columns - 8  
Room 102: Rows - 8, Columns - 8

+

### Add New Branch

Salfit Branch

Salfit

0568001122

1	6	6	🗑️
2	6	6	🗑️
3	6	6	🗑️

Add Room

Cancel Add

Admin Dashboard

Branch Management

Ramallah Branch  
Location: Ramallah  
Mobile: 1234567890  
Rooms:  
Room 101: Rows - 10, Columns - 10  
Room 102: Rows - 8, Columns - 8

Nablush Branch  
Location: Nablus  
Mobile: 0000000000  
Rooms:  
Room 101: Rows - 6, Columns - 8  
Room 102: Rows - 8, Columns - 8

Salfit Branch  
Location: Salfit  
Mobile: 0568001122  
Rooms:  
Room 1: Rows - 6, Columns - 6  
Room 2: Rows - 6, Columns - 6  
Room 3: Rows - 6, Columns - 6

+

# Features


## Admin Dashboard

amna 



 Amna Othman  
Logout  
2024-06-26 – 23:17, 2024-06-26 – 23:17

 Amna Othman  
Add new Snack: Spicy Cheese Fries  
2024-06-26 – 23:14, 2024-06-26 – 23:14

 Amna Othman  
Add new Show  
2024-06-26 – 23:13, 2024-06-26 – 23:13

 Amna Othman  
login  
2024-06-26 – 23:12, 2024-06-26 – 23:12

 Amna Othman  
login  
2024-06-26 – 23:11, 2024-06-26 – 23:11

 Amna Othman  
Add new Show  
2024-06-26 – 23:11, 2024-06-26 – 23:11

 Amna Othman  
Delete Branch  
2024-06-26 – 23:09, 2024-06-26 – 23:09

 Amna Othman  
Update Branch: Salfit Branch  
2024-06-26 – 23:09, 2024-06-26 – 23:09

# Features

Admin Dashboard

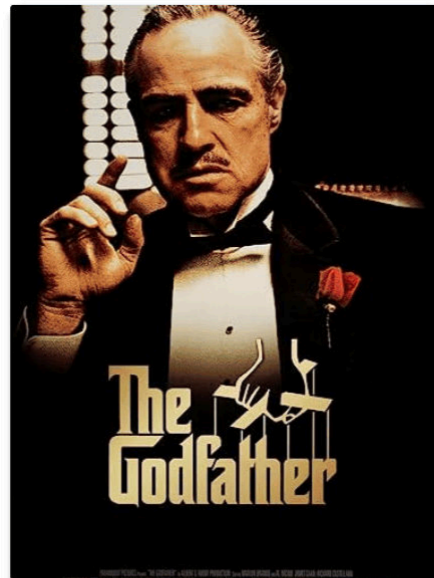
amna

Film List

Search



**The Shawshank Redemption** - 9.3/10  
Two imprisoned men bond over a number of years, finding solace and eventual redemption through acts of common decency...



**The Godfather** - 9.2/10  
The aging patriarch of an organized crime dynasty in postwar New York City transfers control of his clandestine empire to...



**The Dark Knight** - 9.0/10  
When the menace known as the Joker wreaks havoc and chaos on the people of Gotham, Batman must accept one...



**The Godfather Part II** - 9.0/10  
The early life and career of Vito Corleone in 1920s New York City is portrayed, while his son, Michael, expands...

dmin Dashboard

amna

Film List

Search

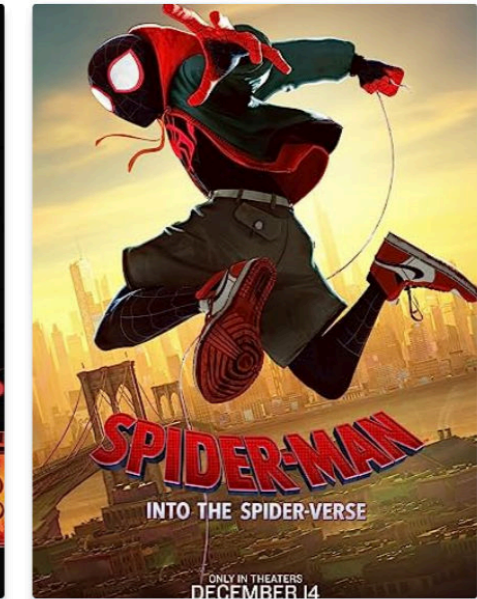
spi



**Spider-Man: Across the Spider-Verse** - 8.7/10  
Miles Morales catapults across the Multiverse, where he encounters a team of Spider-People charged with protecting its...



**Spirited Away** - 8.6/10  
During her family's move to the suburbs, a sullen 10-year-old girl wanders into a world ruled by gods, witches, and...



**Spider-Man: Into the Spider-Verse** - 8.4/10  
Teen Miles Morales becomes the Spider-Man of his universe, and must join with five spider-powered individuals from other...

Admin Dashboard

amna

Manage Shows

Ramallah Branch



Nablush Branch



Selected Date and Time: 2024-07-08 15:00

[Change Date/Time](#)

Price  
15

Create Show

Admin Dashboard

amna

TixTap

Welcome back to the TixTap Management Portal

- Tickets
- Branches
- Hall
- Shows
- Snacks

←

Shows on Monday, July 8


→

Film Name	Branch	Time
The Godfather	Ramallah Branch	12:00
The Godfather	Nablush Branch	12:00

Show Report

# Features




Admin Dashboard

amna 

Manage Snacks

Snack Name  
Candy

Select Branch  
Ramallah Branch

Size (S, M, L) S	Quantity 20	Price 5	
Size (S, M, L) M	Quantity 20	Price 7	
Size (S, M, L) L	Quantity 20	Price 10	

Description  
A variety of candy for children




Admin Dashboard

amna 

Manage Snacks

Snack Name  
Candy

Select Branch  
Ramallah Branch

Size (S, M, L) S	Quantity 20	Price 5	
Size (S, M, L) M	Quantity 20	Price 7	
Size (S, M, L) L	Quantity 20	Price 10	

Description  
A variety of candy for children

Upload Photo

Do you want to upload a photo for this snack now?

Yes

No

# Tools

**Backend development**



# Tools

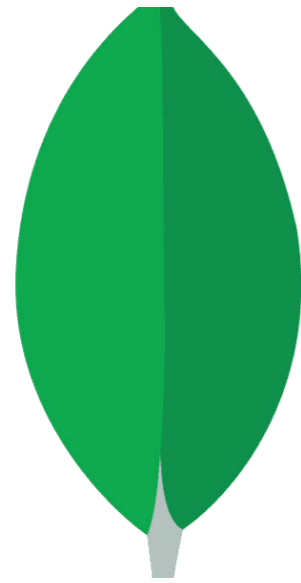
**Frontend development**



# Flutter

# Tools

**Database**



mongoDB®

# Tools

**External API**



# Rapid API

# Tools

**Real Time communication**



Firebase

# CONSTRAINTS

**1**

Software Smooth Sailing...  
Until the Battery Drain.

**2**

Mastering New Languages:  
From Hurdles to Workflow  
Harmony

**3**

Finding Common Database:  
Collaboration Leads to  
Mongo Atlas Choice.

**4**

External API Hunt: Struggles  
Lead to RapidAPI Success

**5**

New Software trial

# Conclusion and Future Work

*TixTap is a service which allows people to book tickets, preorder concessions and discuss films online. This platform gives them an easy access into cinema related spaces and this way they get to know more people who are interested in watching movies like themselves.*

- Level Up Community Features: Voting, Sharing, and Smart Suggestions and post system update brings images, videos, and sharing to Life.
- IOS Support.
- Multiple Payment Options for a Hassle-Free TixTap Experience: TixTap Accepts Credit Cards, PayPal, Jawwal Pay & More.
- TixTap Gets Smarter: AI Tailors Movie & Snack Choices to Your Tastes

The background features several abstract shapes: a large light blue shape on the left, a large blue shape on the right, and two small blue circles in the top left. The text is centered on the white background.

# Many thanks!

**Does anyone have any questions?**