

Travel Nest

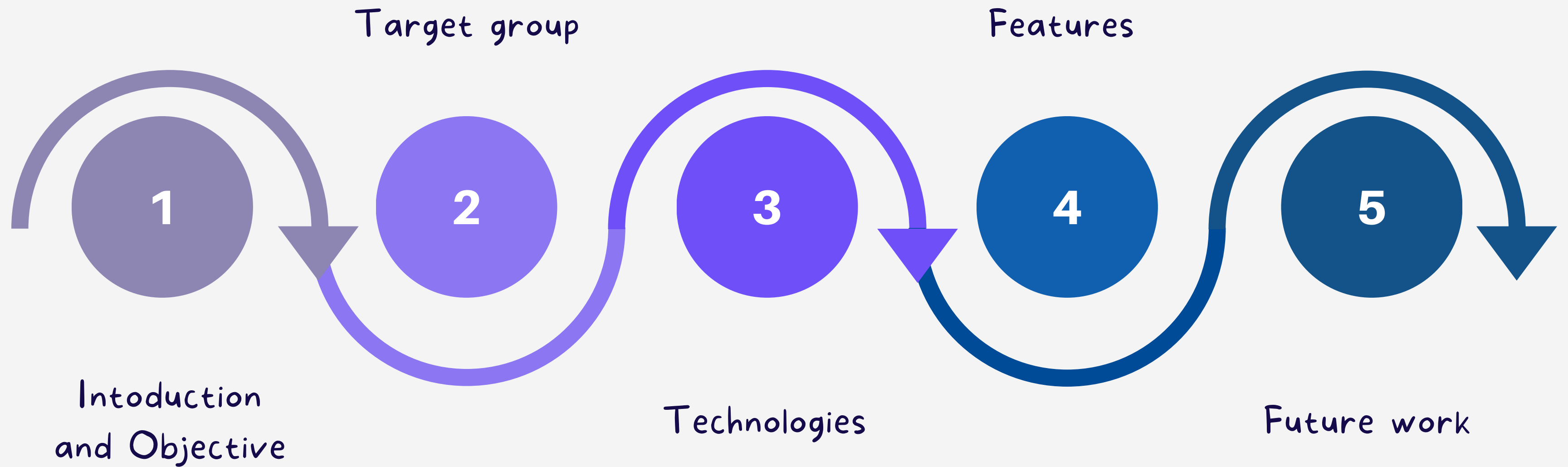
Graduation project

Supervisor: Dr.Sufyan Samarah

Students:

Ahmad Shaer , Arwa Maroof

OUTLINE





INTRODUCTION AND OBJECTIVE

Our objective is to develop a mobile application and website that provides Travelers who visit Palestine with an application that gathers all of the available hotels and their information in one place that makes it easy for them to search and book





TARGET GROUP

- Travelers who visits Palestine(west bank)
- Hotel owners
- Apartments complex owners
- Resort owners



TECHNOLOGIES



Flutter



FRONT END



Node js



Reastful api



BACK END



MongoDB



DATA BASE

FRONT END



Mobile OS Independent



Works Both on mobile and web
(dart)



support many libraires to
create appealing GUI



Created by Google
(updated every while)



Flutter

BACK END



Open-source JS



Event-drive, non-blocking



Scalable



npm (package manager)--
many libraries



Node js

DATA BASE



NoSQL



Stores Data in JSON format



its is schema-less architecture
(react to change in data structure)



support horizontal scalability



MongoDB

TESTING



testing Backend



CRUD operations



Control Request Body



Easy to use



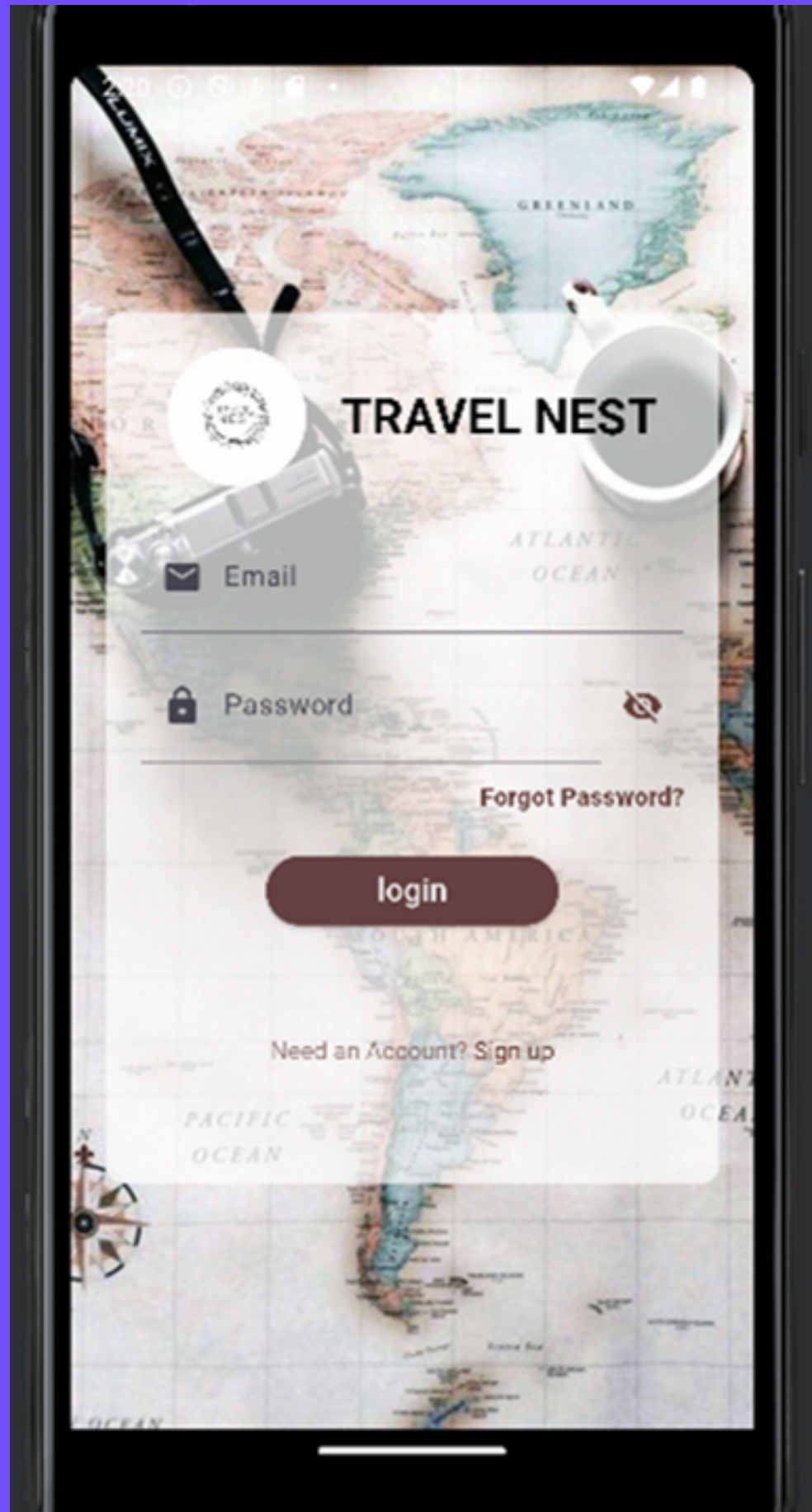
Postman



FEATURES



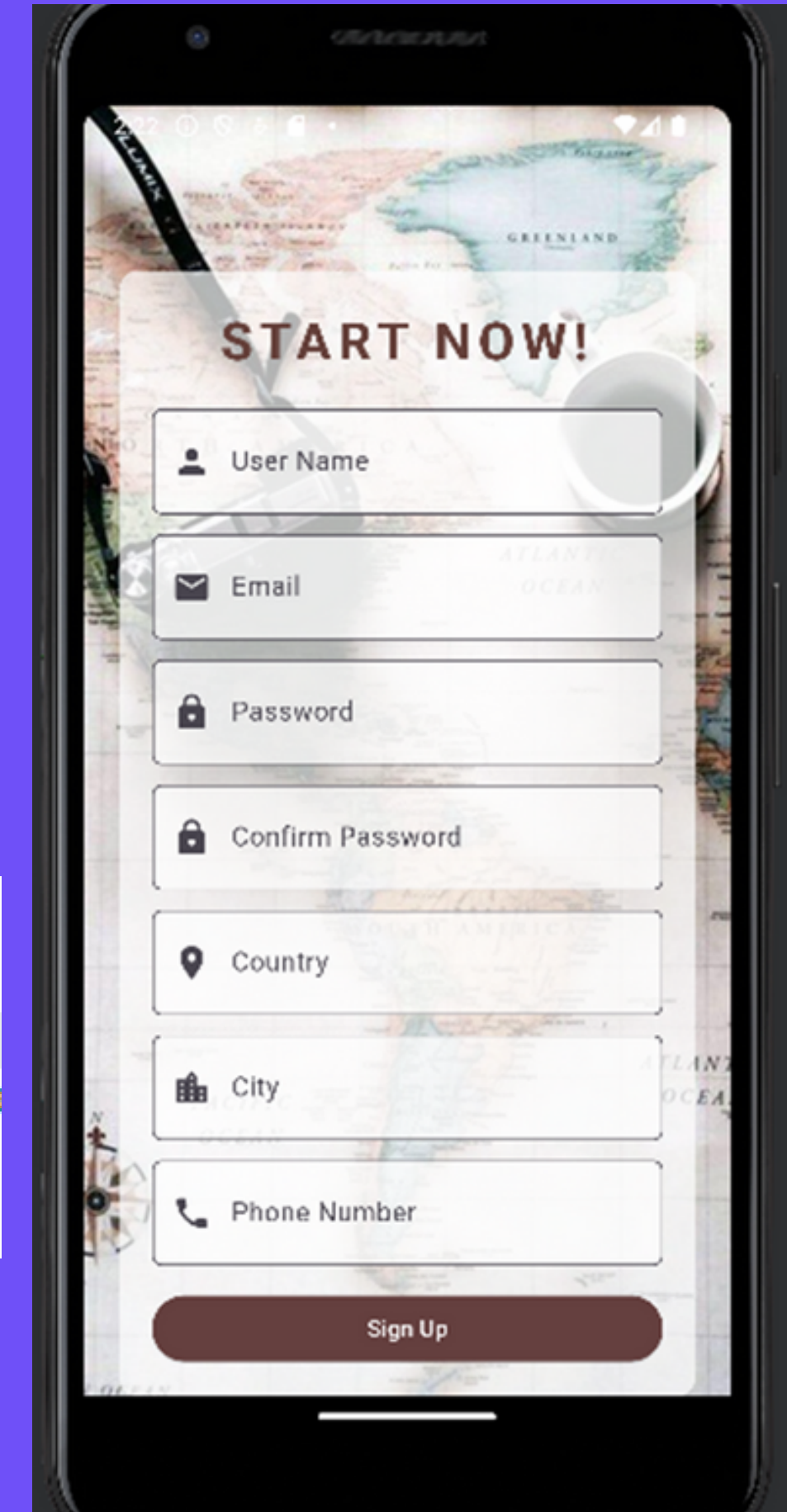
1_ Login Page/ sign up Page



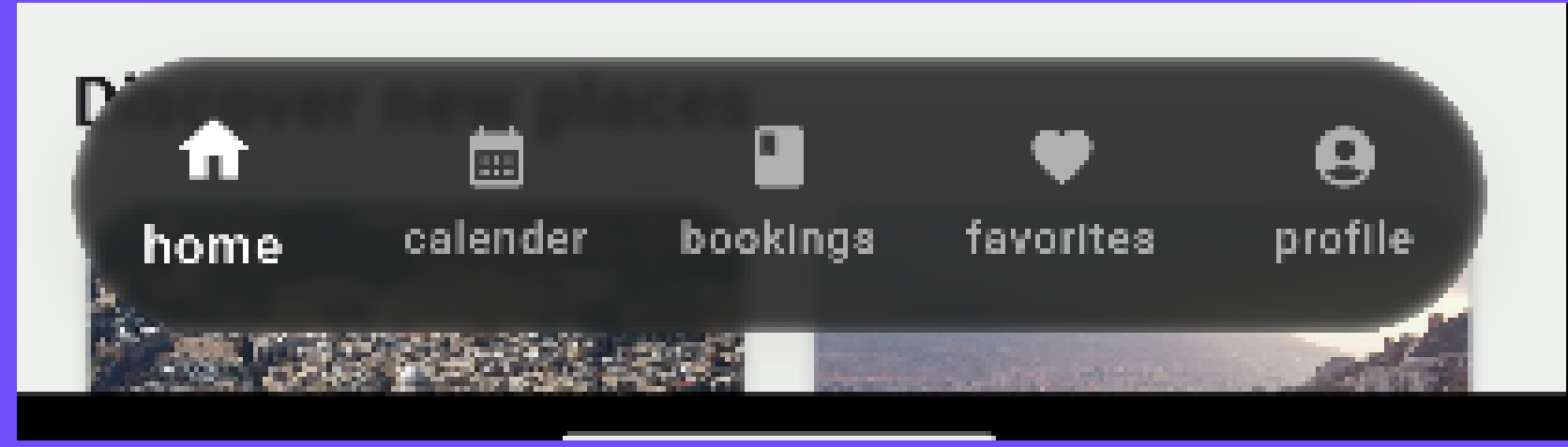
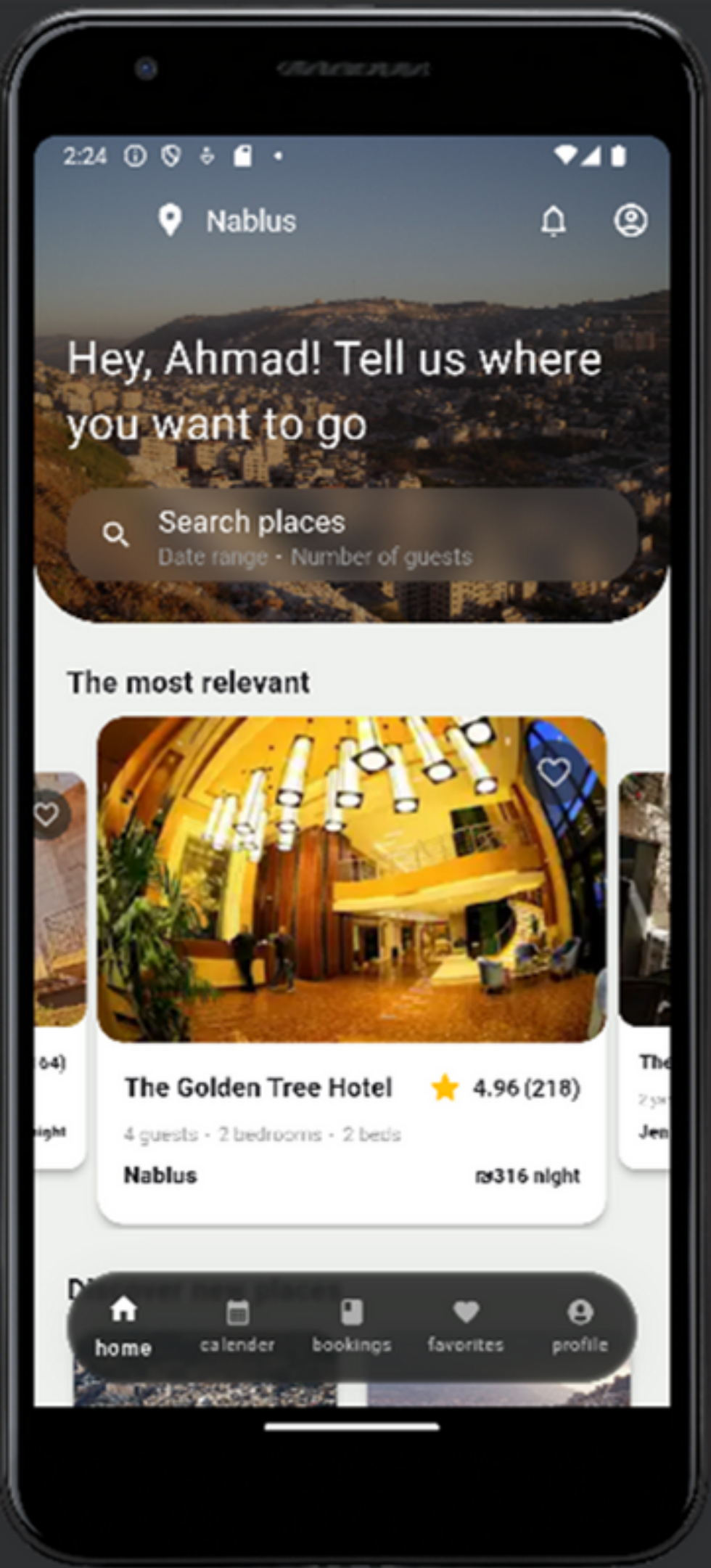
+

Email/password to log in
1-way hashing algorithm

```
_id: ObjectId('65b3dab769db743b98f0049a')  
username: "Ahmad"  
email: "ahmad@gmail.com"  
password: "$2b$10$HaF4cb8b2bAui2EaJofJ70SRm0em/5fu6eSI29  
country: "palestine"  
city: "nablus"
```

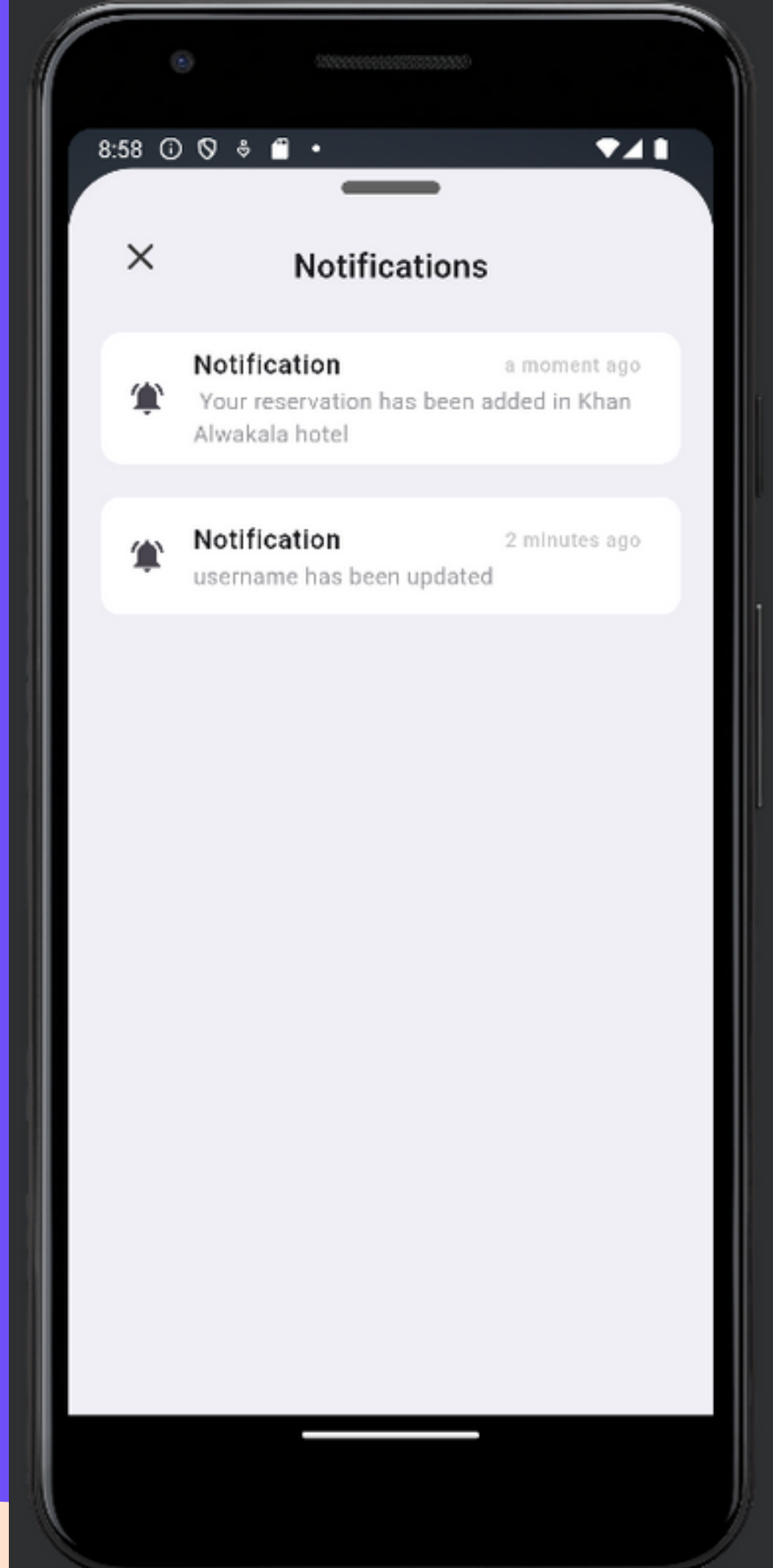


Home Page



Navigation bar

notificationPage

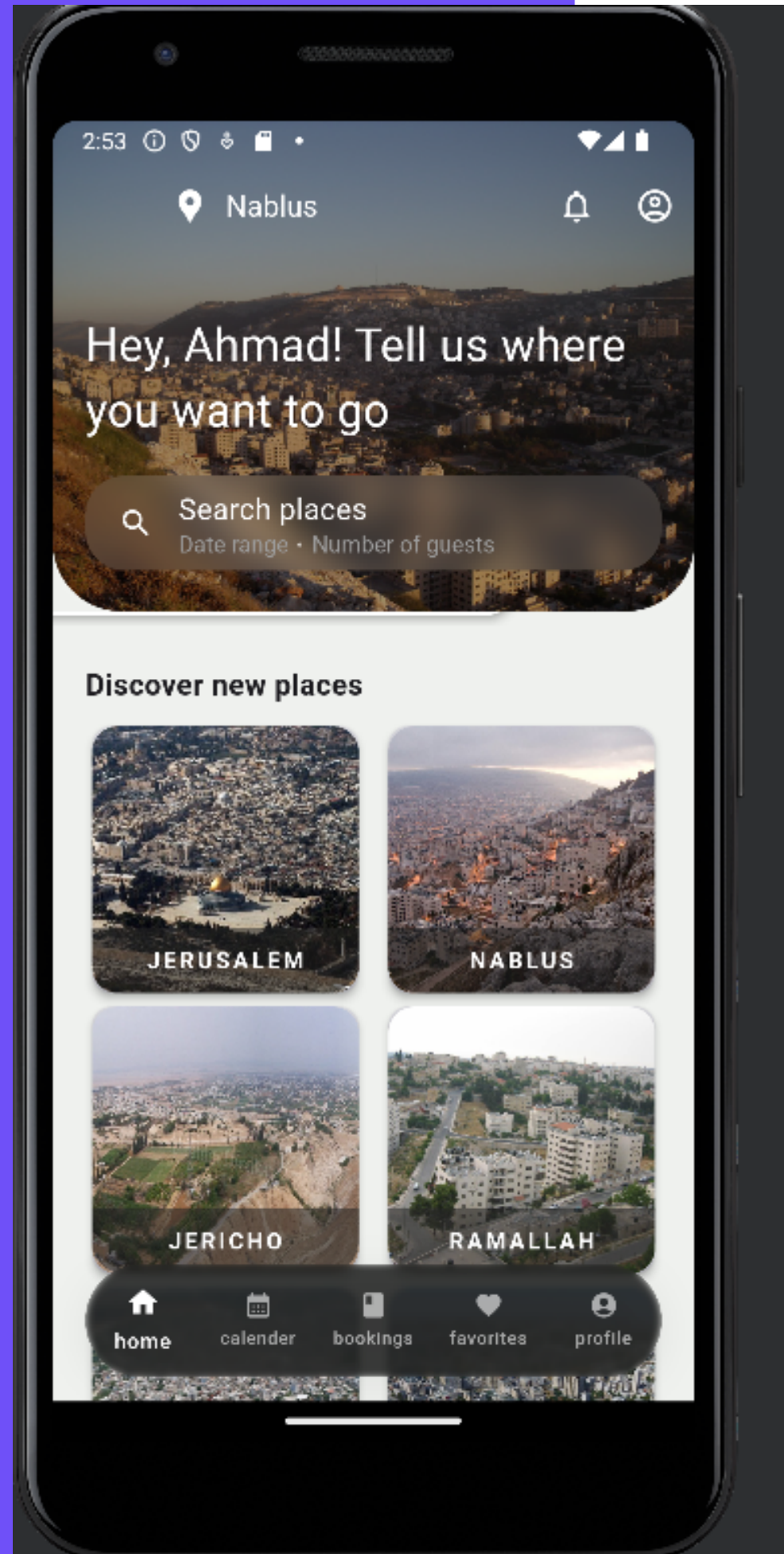


Username updated

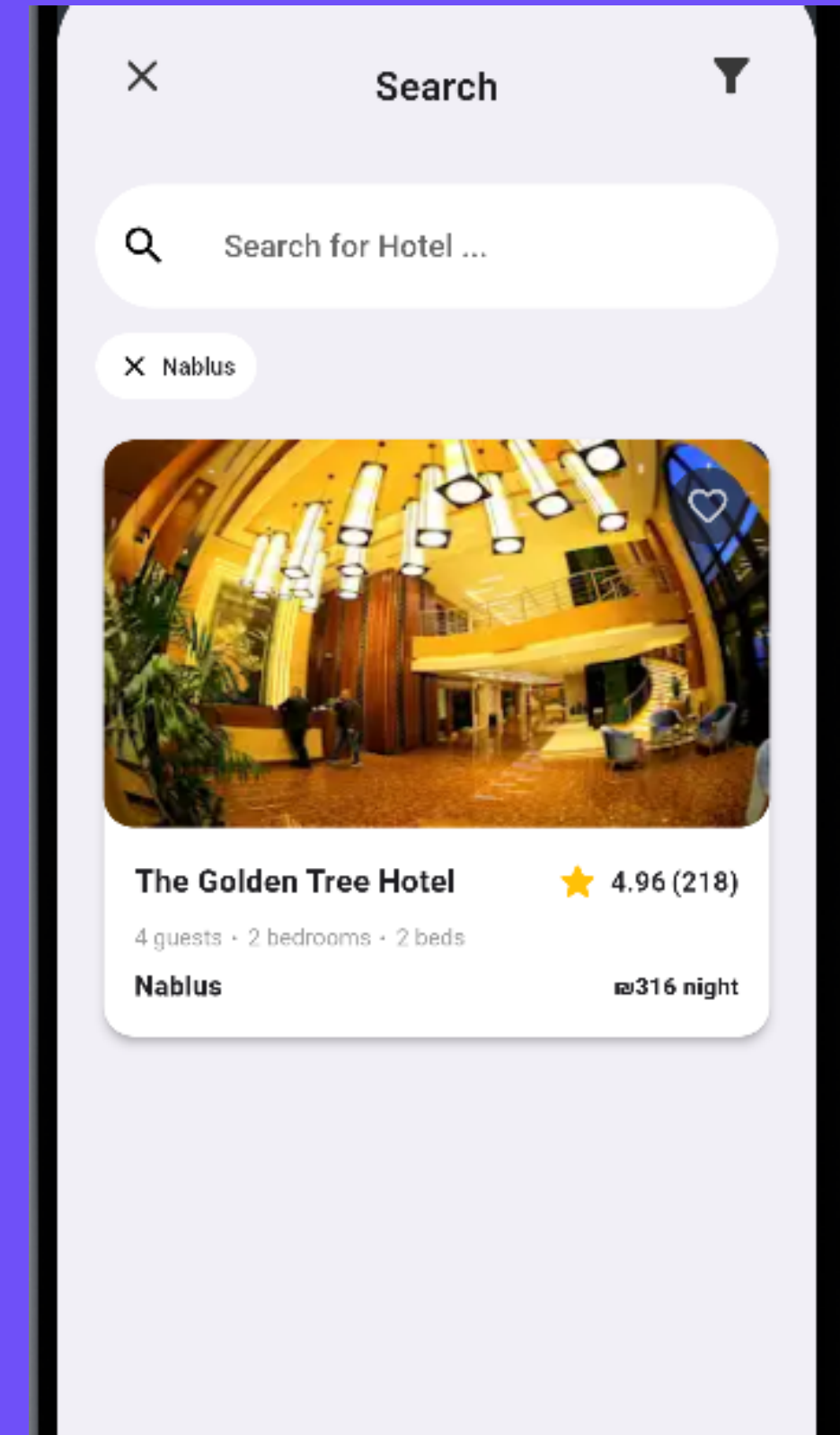


Reservation made

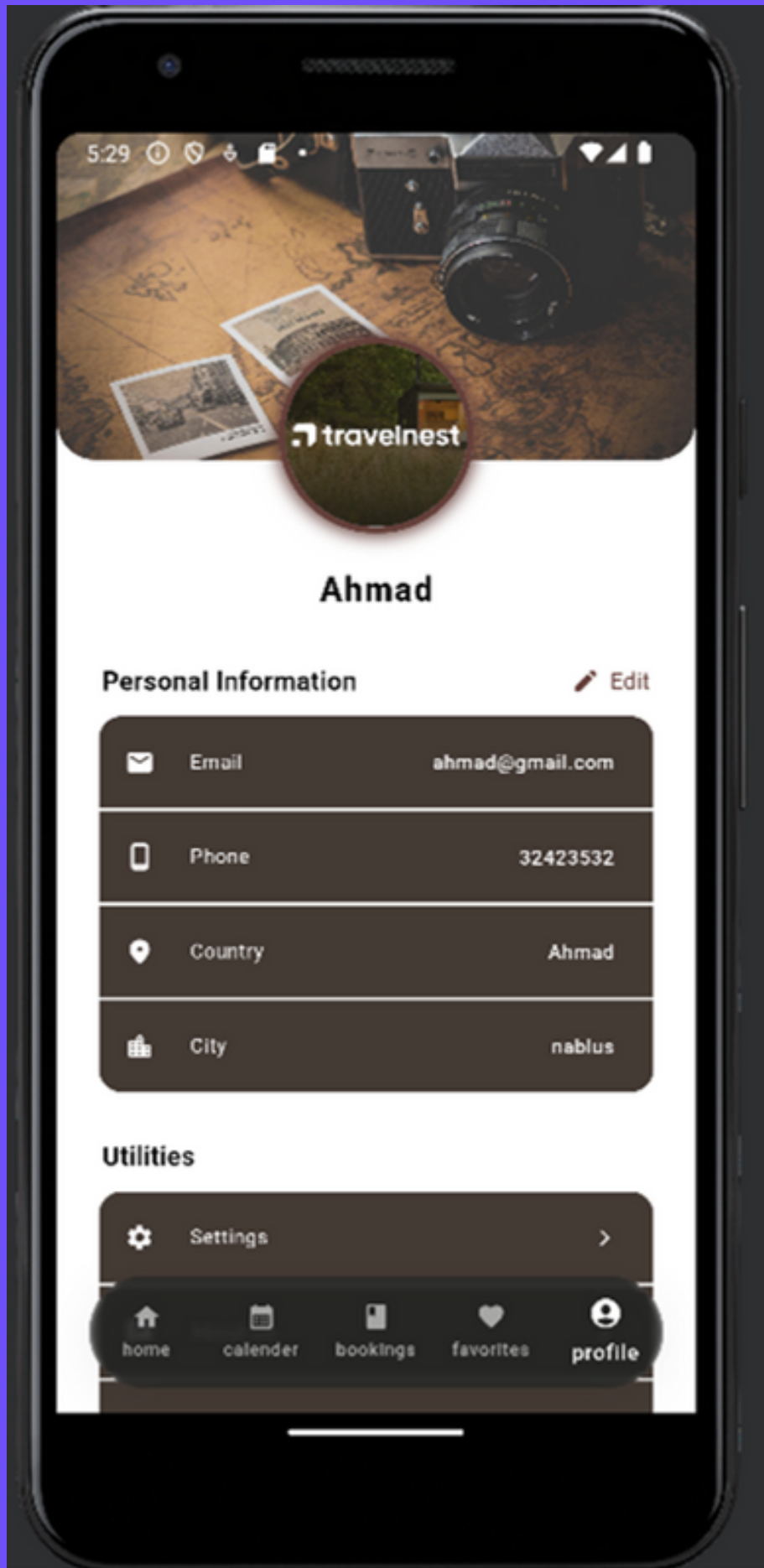
Home Page - extended



Nablus



Profile Page



Username



Phone Number



Country

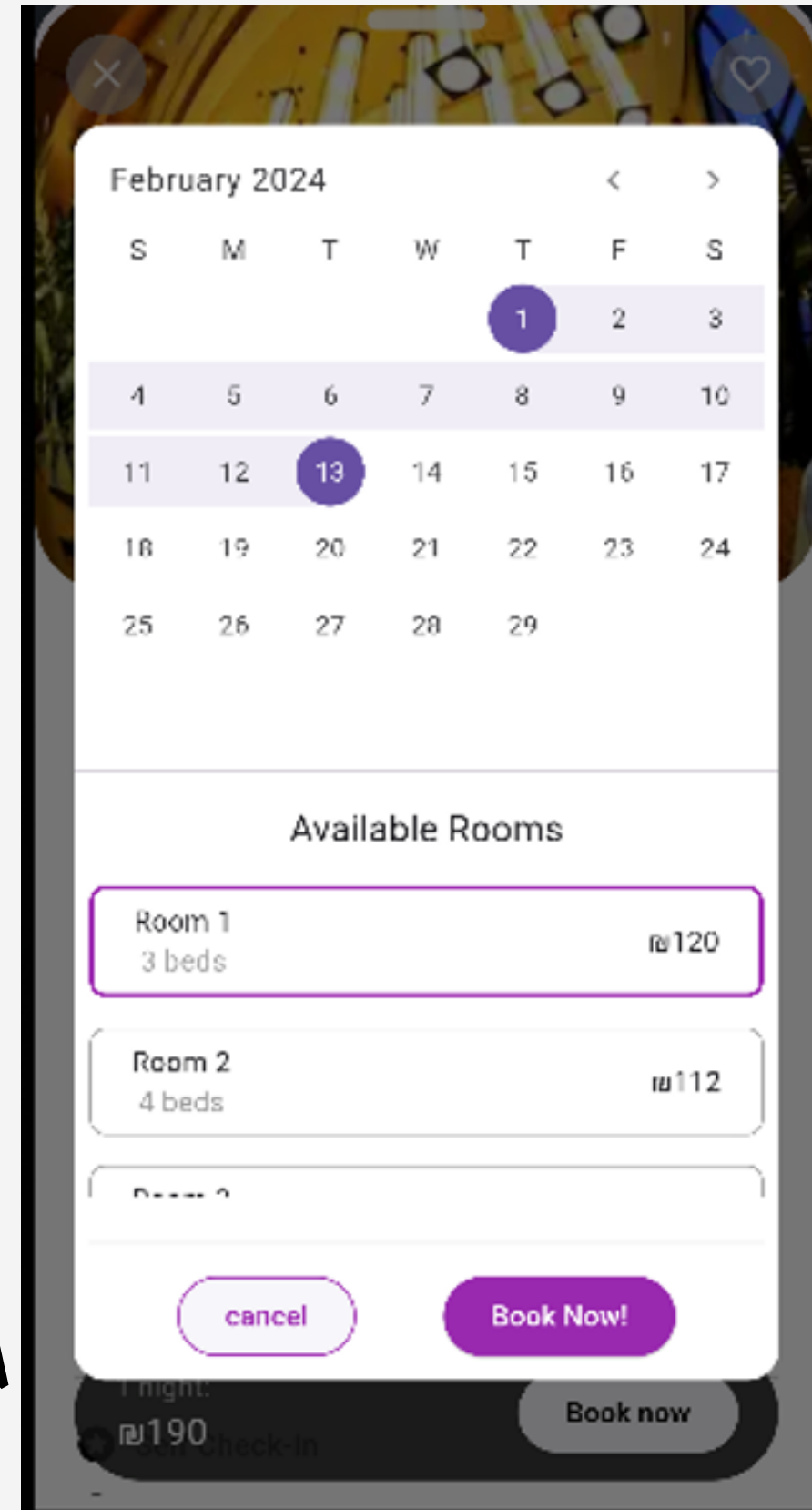
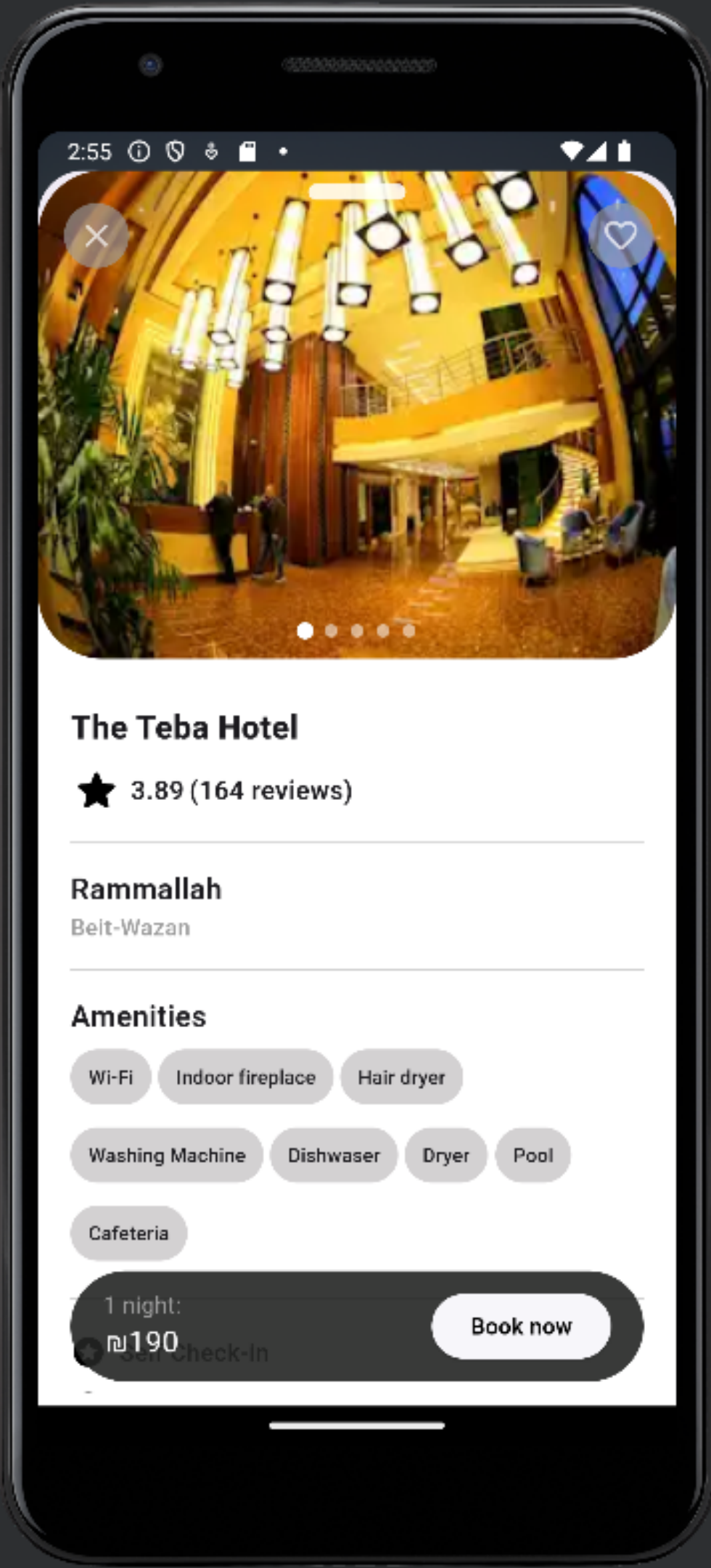


City



abilty to edit the username

Hotel Page + booking



Start Date

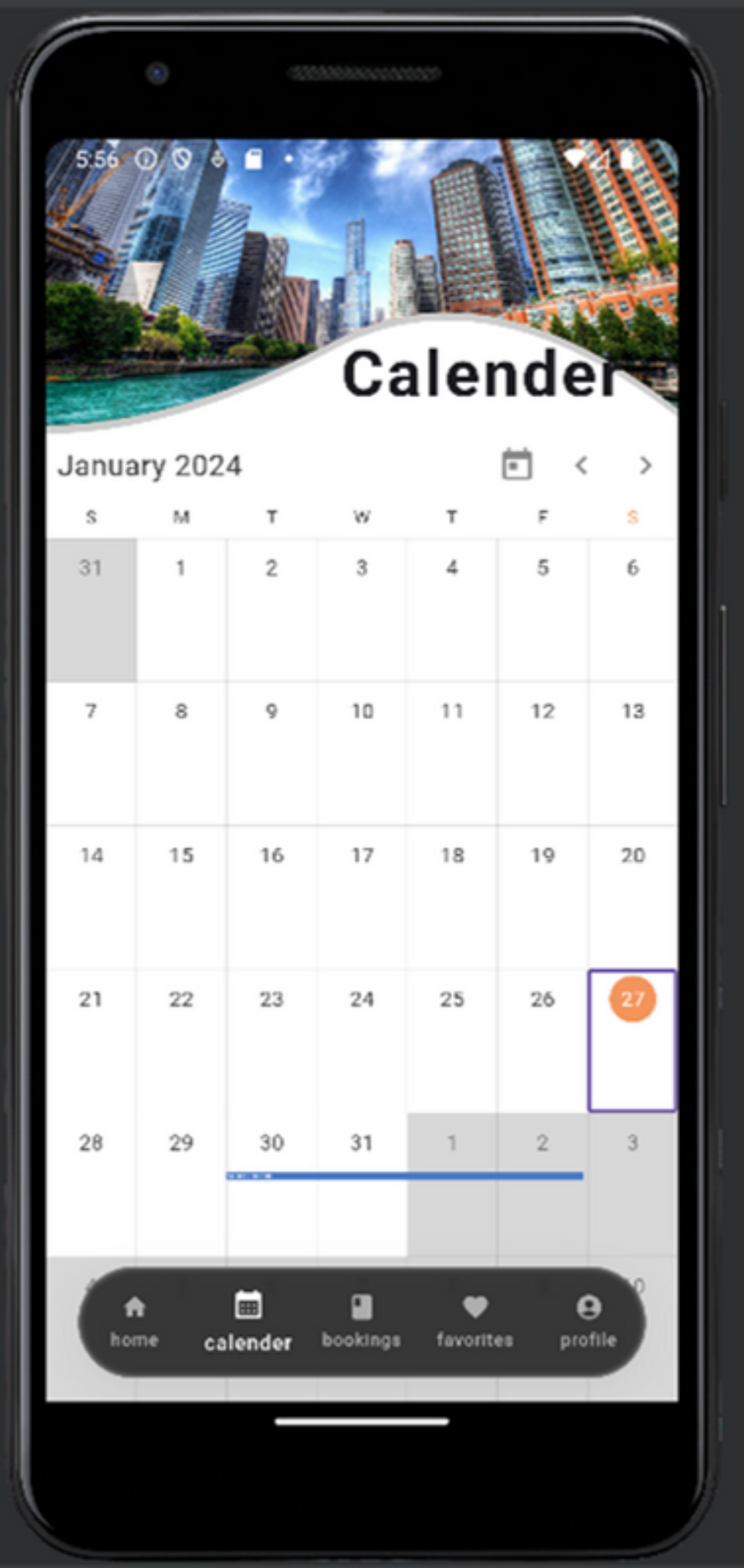
End Date

Room
(number of Beds)

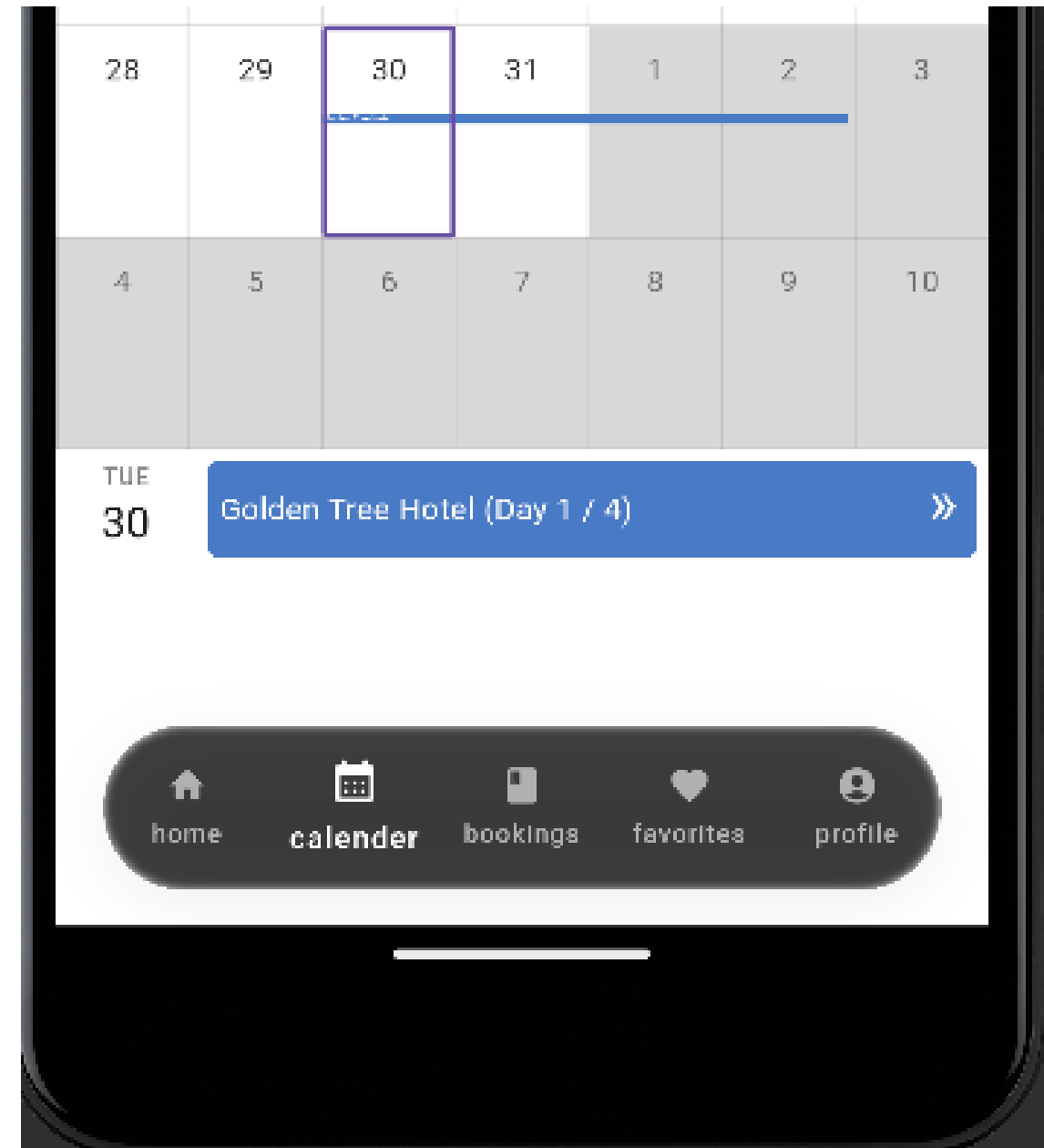
Book now



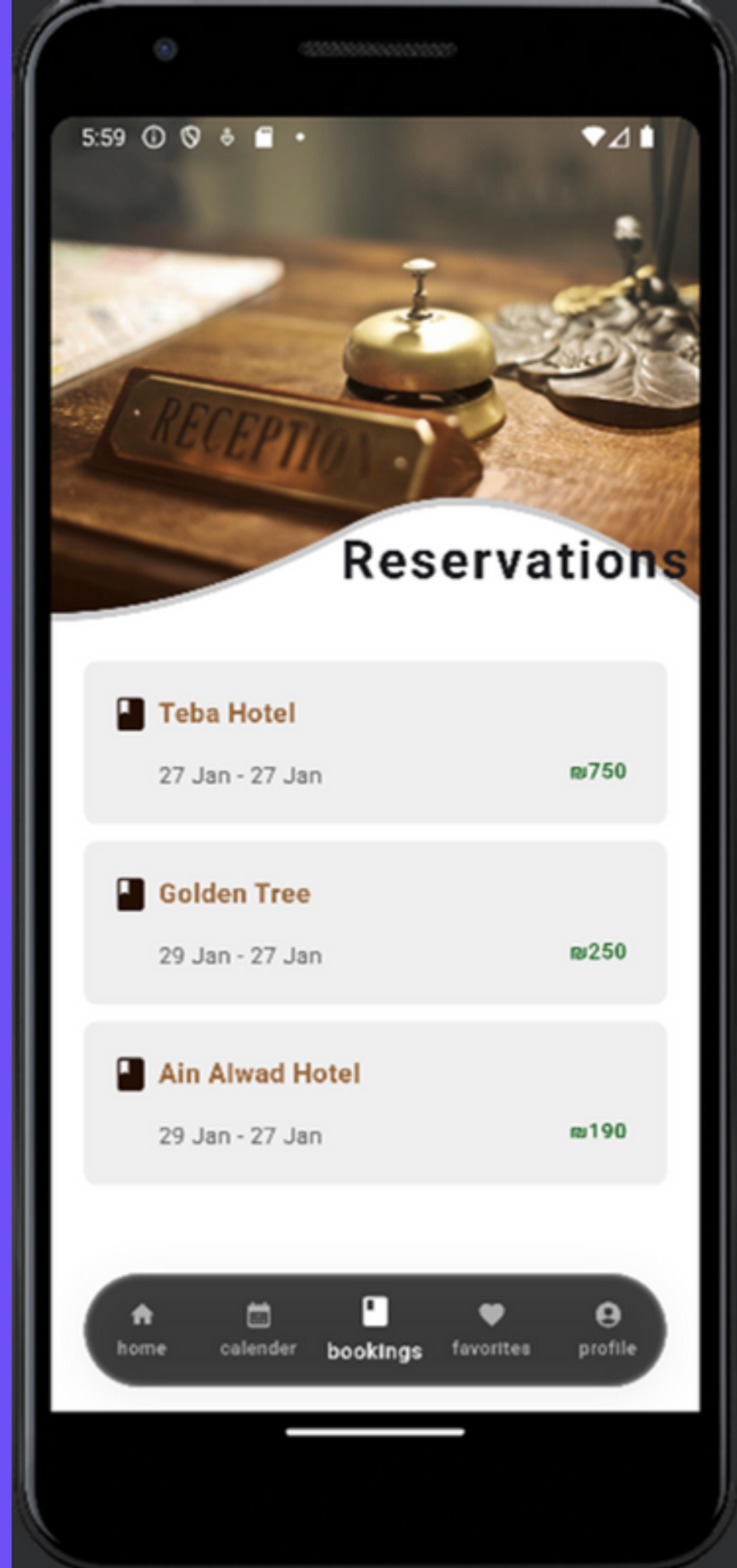
User Calender



more Info



Booking History



Booking Info



Hotel Name

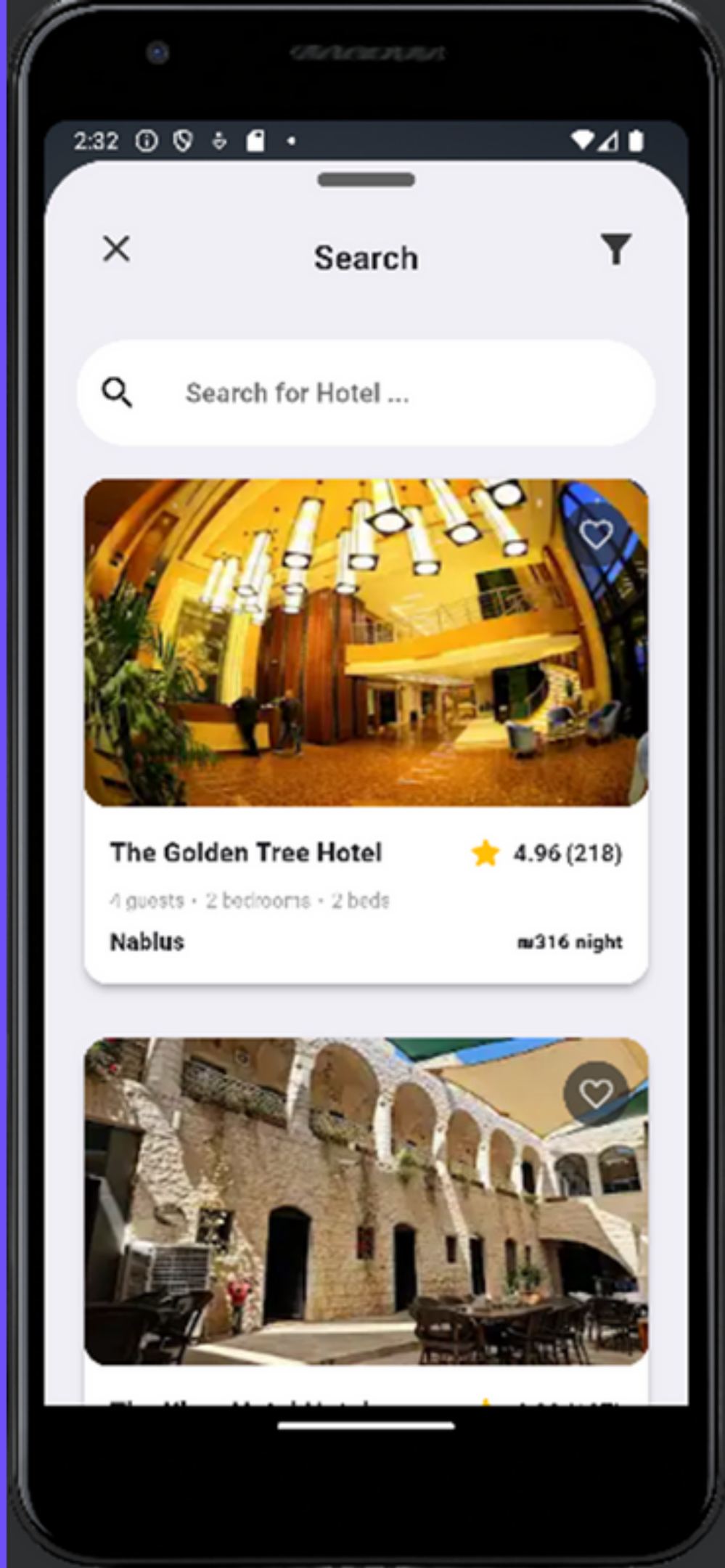
Start Date

End Date

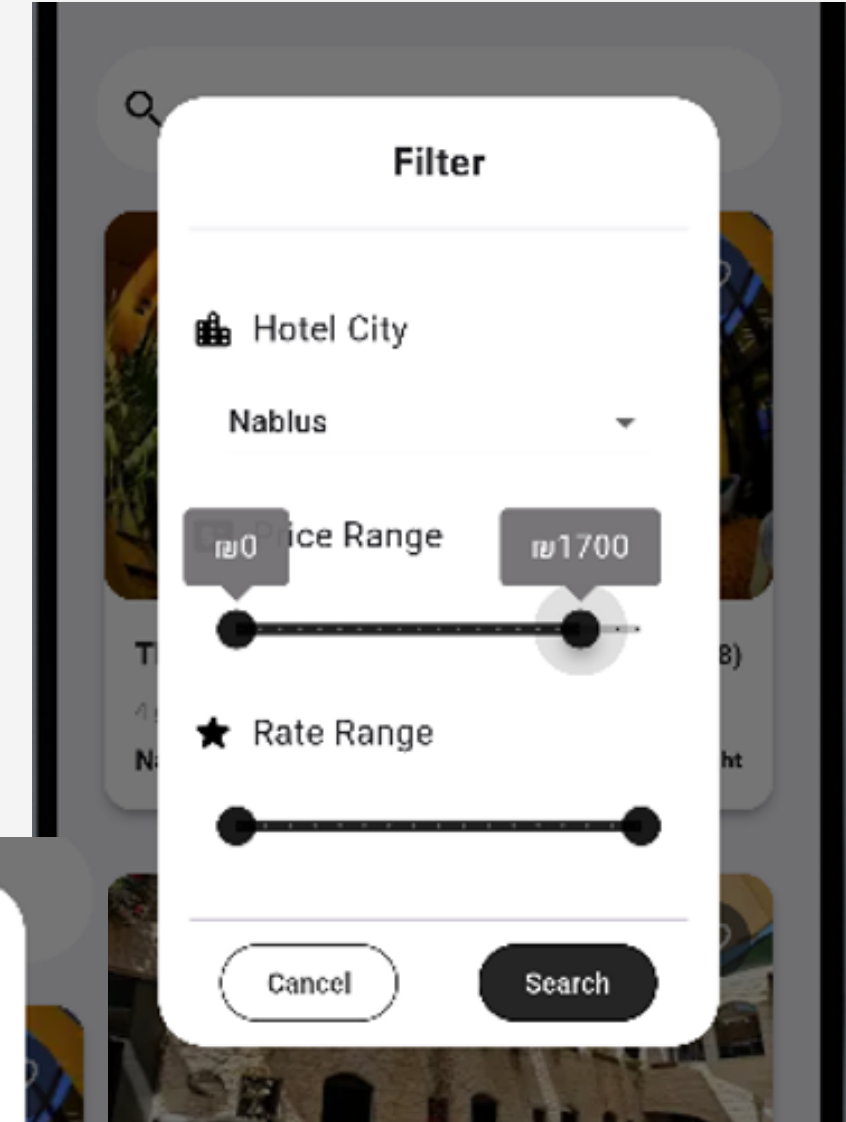
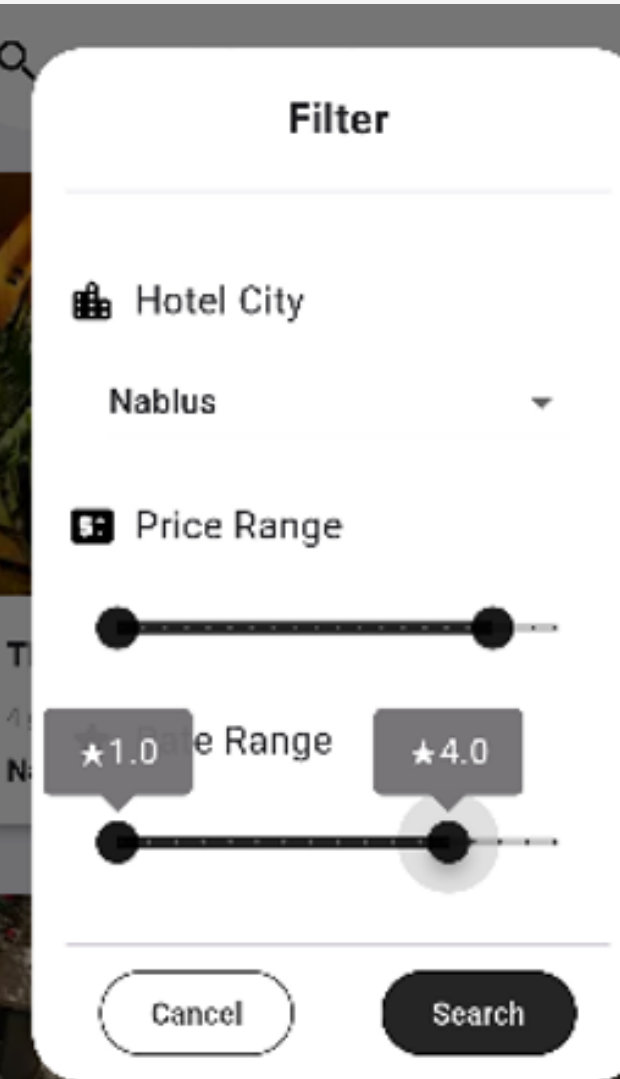
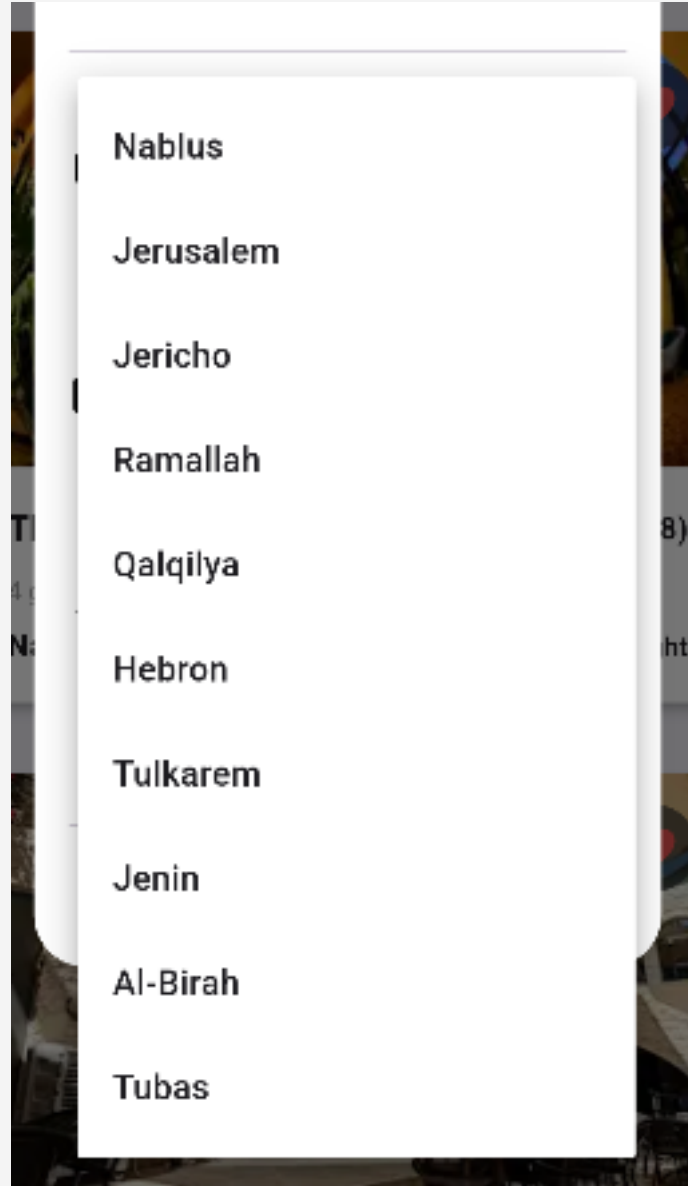
Cost

sorted by the date

Search Page



Filters



Nablus

Jerusalem

Jericho

Ramallah

Qalqilya

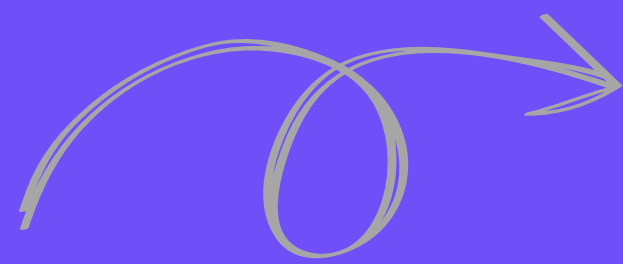
Hebron

Tulkarem

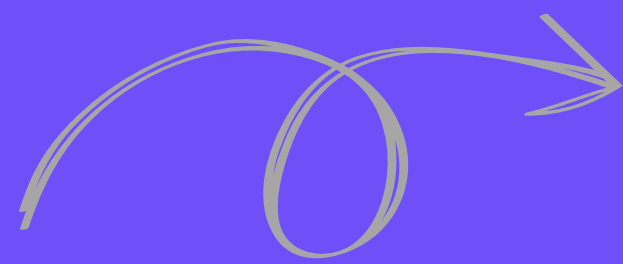
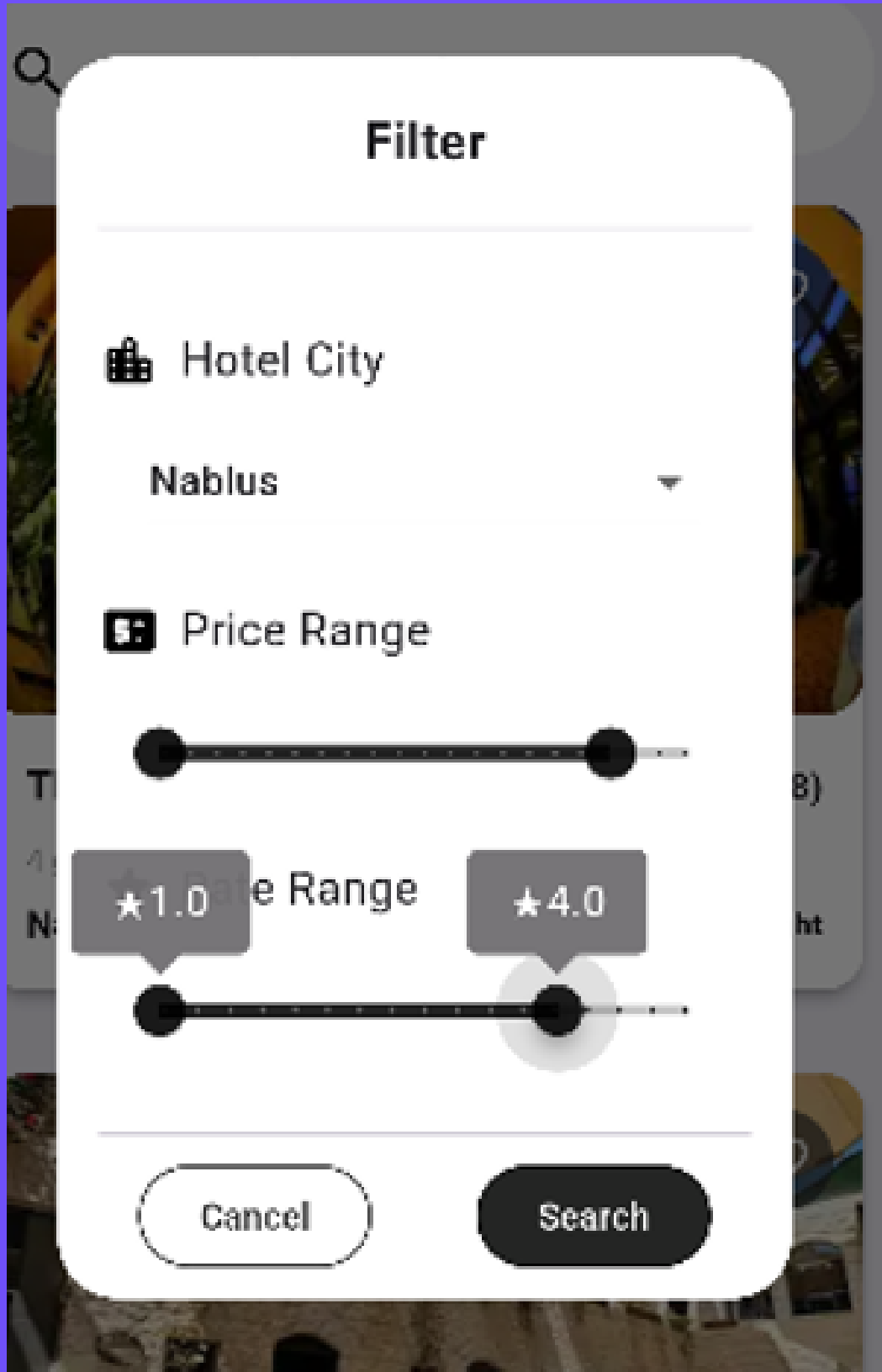
Jenin

Al-Birah

Tubas





City





Rating Range

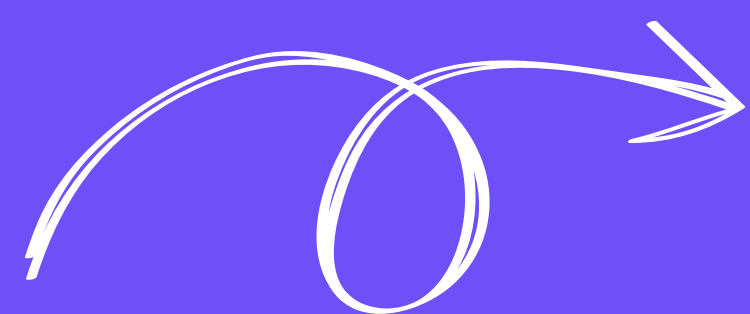
Filter

 Hotel City

Nablus 

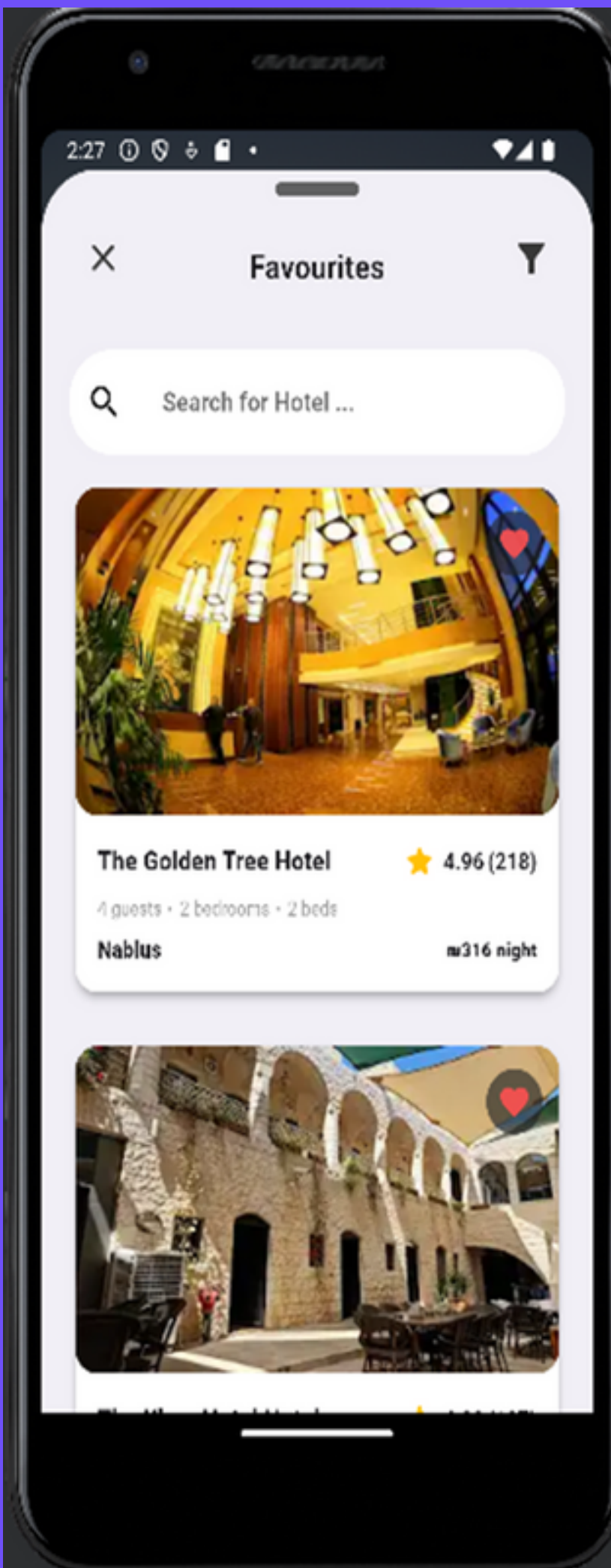
 Price Range

 Rate Range



Price Range

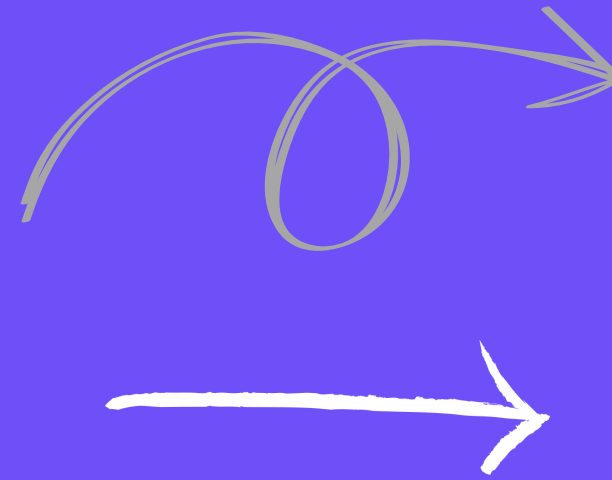
Favourites



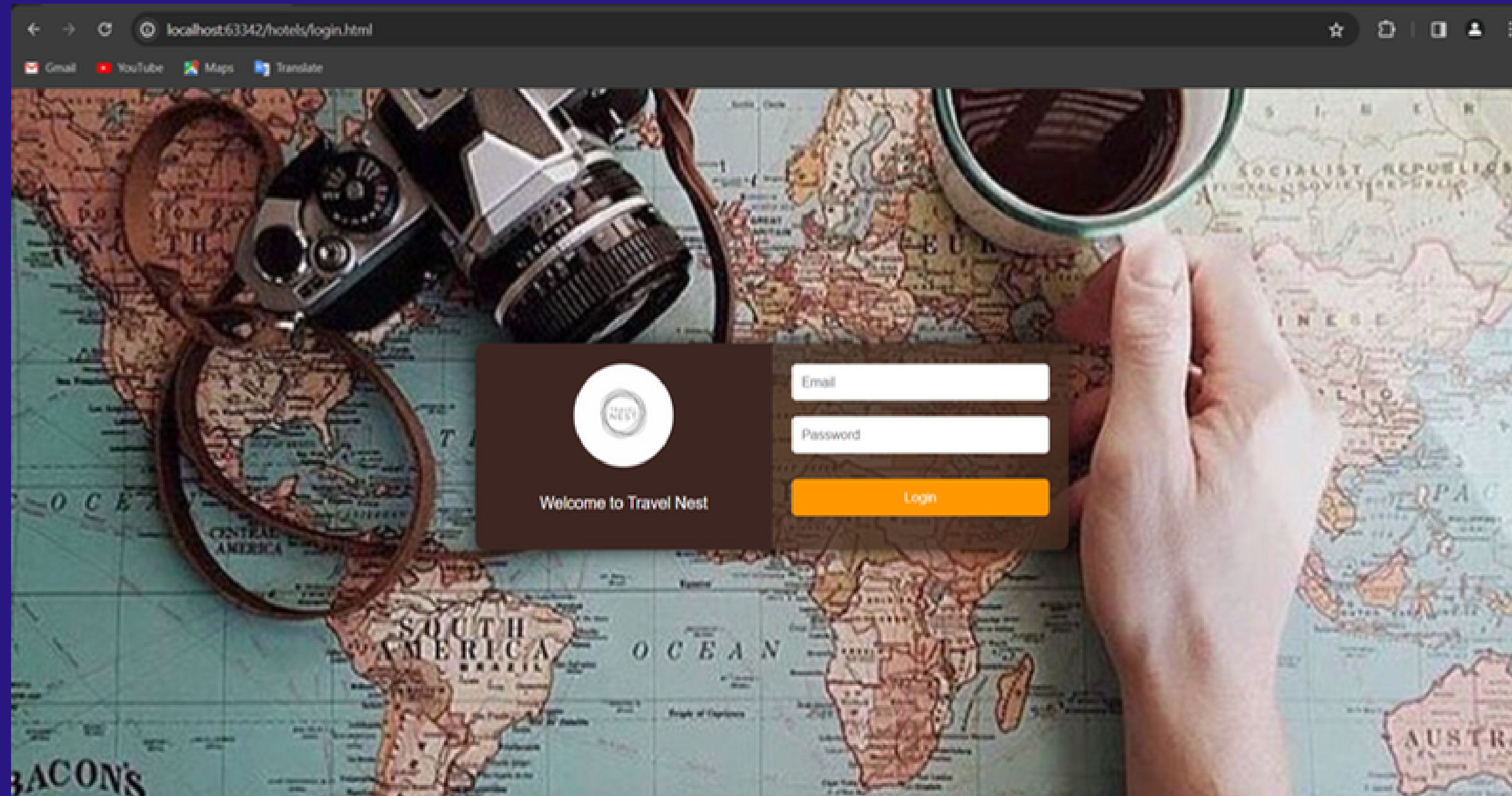
love heart in the top right

easy to revisit and find

can be sorted



Login Page



Application Admin

Hotel Admin

Dashboard Page

Application Admin

Total Hotels

Total Users

Total Reservations

Recent Hotels Added

Recent Users

The screenshot shows a web browser at localhost:63342/hotels/admin/admin.html. The dashboard for 'Travel Nest' features a sidebar with navigation options: Dashboard, Hotels, Add Hotel, User, and Logout. The main content area is titled 'DASHBOARD' and displays three summary cards: 'Total Hotels: 11', 'Total Users: 4', and 'Total Reservations: 3'. Below these are two tables: 'Recent Hotel Added' and 'New Users'.

Hotel Name	Email	City
Golden Tree	goldentree@gmail.com	nablus
Khan Alwakala	KhanAlwakala@gmail.com	nablus
Royal Suites	RoyalSuites@gmail.com	nablus
Saleem Afandi	SaleemAfandi@gmail.com	nablus
Al Yasmeen Hotel	YasmeenHotel@gmail.com	nablus
Royal Court	RoyalCourt@gmail.com	Ramallah
Palestine Plaza	PalestinePlaza@gmail.com	Ramallah
rose Hotel	roseHotel@gmail.com	nablus

Profile	Name	Email	Phone Number
	Ahmad	ahmad@gmail.com	32423532
	ahmadshaer	ahmadshaer@gmail.com	000000000
	Khaled	Khaled@gmail.com	67686786
	Arwa	Arwa@gmail.com	9876786

Hotels Page

Application Admin

Hotels Information:

Hotel Name

Email

City

Address

description

Hotel Name	Email	City	Address	Description
Golden Tree	goldentree@gmail.com	nablus	Belt Wazan	our Hotel is a 5 star Hotel
Khan Alwakala	KhanAlwakala@gmail.com	nablus	salah al deen street	Amazing and historic place to stay in the beautiful city of Nablus.
Royal Suites	RoyalSuites@gmail.com	nablus	Rafidya	Royal Suites is situated in Nablus, within 48 km of Birzeit University and 49 km of Mukataa. This 5-star hotel offers room service, a 24-hour front desk and free WiFi. The hotel has a terrace and city views, and guests can enjoy a meal at the restaurant or a drink at the bar.
Saleem Afandi	SaleemAfandi@gmail.com	nablus	city Center	Saleem Afandi Hotel has a fitness centre, garden, a shared lounge and terrace in Nablus. Each accommodation at the 4-star hotel has city views, and guests can enjoy access to a restaurant and to a bar. The accommodation offers a 24-hour front desk, airport transfers, a shared kitchen and free WiFi.
Al Yasmeen Hotel	YasmeenHotel@gmail.com	nablus	Nablus Downtown	Providing free WiFi, Al Yasmeen Hotel is positioned in Nablus Downtown. This hotel is built to resemble the historic Arabic rest houses that once existed on the Silk Road. It features a spacious courtyard and a garden The Khan Traders is a 2-minute walk away. Jacob's Well can be reached in a 10-minute drive.
Royal Court	RoyalCourt@gmail.com	Ramallah	24-Jaffa street	Amazing and historic place to stay in the beautiful city of Nablus.
				The Palestine Plaza Hotel is located in the Trade Tower, the

Users Page

Application Admin

The screenshot shows a web browser window with the URL localhost:63342/hotels/admin/UsersList.html. The page title is 'Travel Nest' and the main heading is 'USERS'. A table lists user information:

Profile	Name	Email	Phone Number	Country	City	Number of Reservations
	Ahmad	ahmad@gmail.com	32423532	palestine	nablus	2
	ahmadshaer	ahmadshaer@gmail.com	000000000	palestine	nablus	1
	Khaled	Khaled@gmail.com	67686786	palestine	nablus	0
	Anwa	Anwa@gmail.com	9876786	palestine	nablus	0

Users Information:

User Name

Email

Phone Number

City

Country

Number of Reservations

Add Hotel Page

Application Admin

localhost:63342/hotels/admin/Addhotel.html

Nest

- Dashboard
- Hotels
- Add Hotel
- User
- Logout

Hotel Name:

Hotel rating:

City:

Address :

Email :

Password :

Images (Upload at least one photo):
 No file chosen

Hotel Description:

Hotels Information:

Hotel Name

Email

City

Address

description

Images

Dashboard Page

Hotel Admin

Travel Nest

- Dashboard
- Booking
- Rooms
- Logout

DASHBOARD

Rooms Available.
3

Total Profit.
584

Total Reservations.
2

Recent Reservations

User Email	start Date	End Date	Cost
ahmad@gmail.com	2024-01-28 00:00:00.000	2024-01-31 00:00:00.000	360
ahmadshaer@gmail.com	2024-01-29 00:00:00.000	2024-01-31 00:00:00.000	224

Dashboard Information:

Total Reservations

Total Profit

Rooms Available

Recent Reservations

Bookings Page

Hotel Admin

All Reservations

User email

Start Date

End Date

Cost

User Email	start Date	End Date	Cost
ahmad@gmail.com	2024-01-28 00:00:00.000	2024-01-31 00:00:00.000	360
ahmadshaer@gmail.com	2024-01-29 00:00:00.000	2024-01-31 00:00:00.000	224

Rooms Page

Hotel Admin

Rooms Info :

Number of Beds

Price

Add room

Travel Nest

- Dashboard
- Booking
- Rooms**
- Logout

ROOMS

Add room

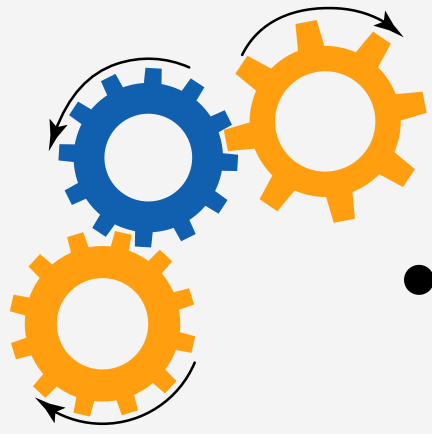
Number Of Beds: Price:

Submit

Rooms

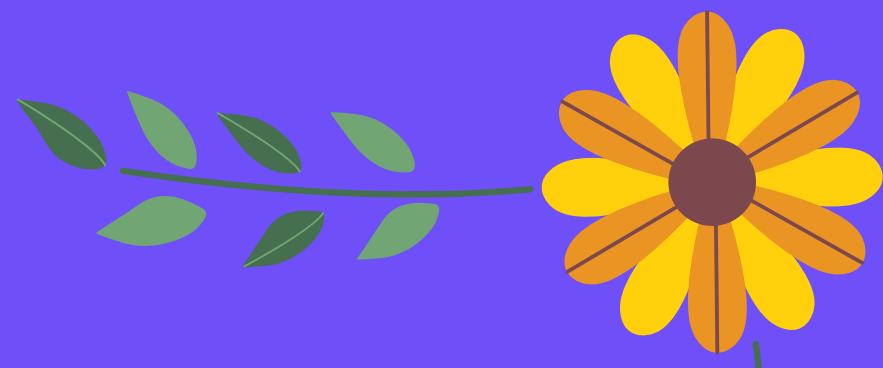
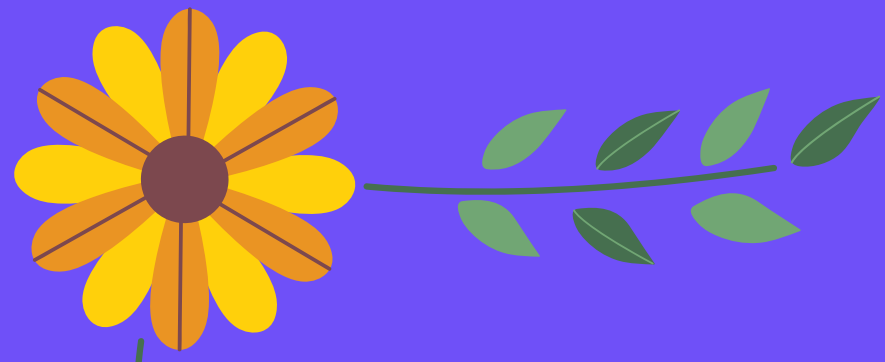
Room Number	Number of Beds	Price
1	3	100
2	2	60

FUTURE WORK



- expanding the project's scope to include other hotels and locations
- Integrate the application with google maps
- add more feature like chatting system, navigation system





Thank you.

