

GRADUATION PROJECT

Supervisors:

Dr.Amjad Abu Hassan & Eng.Muhannad Al Jabi

Students:

Aamer Qanadilo , Mustafa Irshaid


PALESTINE CAMPUS RESIDENCES

Our objective is to develop a mobile application and website that provides for Palestinian students, designed to simplify the search for suitable student housing. Improve the overall housing experience for Palestinian students.



**Introduction
and
Objective**


STUDENT POSTS

 علي غفري
July 29, 2023 · 🌐

السلام عليكم ورحمة الله وبركاته,
مطلوب شقة صغيرة(غرفتين + مطبخ + حمام) مقابل الاكاديمية.
وشكراً مقدماً

👍 5 1 comment


👍 Like Comment Send

 Anonymous member
April 14, 2023 · 🌐

صيامكم مقبول يا رب
حدا بيعرف مسؤول سكنات او مؤجر سكنات بأول رفيديا ، بمنطقة البرج او كان يا ما كان؟
الله يدلکم عالخير يا رب ❤️

👍 3 2 comments


👍 Like Comment Send

 Anonymous member
February 25, 2023 · 🌐

مرحباً
حدا يعرف سكنات للايجار بجنين قريب من المستشفى؟

👍 Like Comment Send


Write an answer...

 Anonymous member
January 25, 2023 · 🌐

بدي اسال عن سكنات نظيفة ومنيحة بمحيط الاكاديمية ورفيديا

👍 Like Comment Send


Write an answer...

 Anonymous member
August 2, 2022 · 🌐

السلام عليكم
شباب الله بعينكم أرقام سكنات للشباب
واذا حدا يعرف وين فيه شقة كاملة فاضية

👍 1 16 comments

👍 Like Comment Send

 Anonymous member
July 23, 2022 · 🌐

يعطيكم العافية لو سمحتوا بدنا سكنات طالبات تكون مضموووونة ع الآخر. "مش شرط قريبة ع الجامعة"

👍 1 4 comments

👍 Like Comment Send



RESIDENCE OWNER POSTS

Anonymous member
May 2, 2023 · 🌐

متوفر غرفة خلال هاد الشهر لنهاية الفصل في سكن للبنات جدا هادي ومرتب عند الاكاديمية

2 likes 13 comments

Like Comment Send

Basheer M Dragmeh
December 26, 2019 · 🌐

مساء الخير
(متوفر غرفة في سكن طلاب بجانب الجامعه (القديمه)..الي معني يتواصل معي على [redacted] غرف
لشخصين ... غرفة لشخص

9 likes 12 comments

Like Comment Send

Anonymous member
April 22, 2023 · 🌐

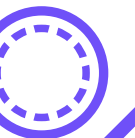

مساء الخير
متوفر غرفة بعمارة البويايز لطالبة بالشارع مقابل الاكاديمية بالزبط موقع السكن ممتاز
مكون من 3 غرف 3 حمامات صالون ومطبخ وبرندا
وجاهز من ناحية كل اشئ
المعنية تترك تعليق ويتواصل معها

1 like 16 comments

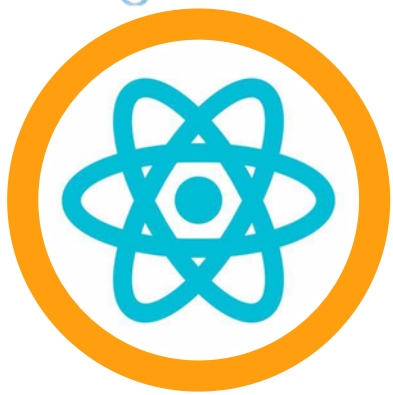
Like Comment Send

Anonymous member
September 20, 2023 · 🌐

متوفر سكن طالبات قرب جامعة النجاح الوطنية
[redacted] للتواصل



TECHNOLOGIES



React js -> website

React Native -> mobile



FRONT END



Node js



Reastful api



BACK END



mongoDB.

MongoDB



BATA BASE



Clouinary



mongoDB.
Atlas

Mongo atlas



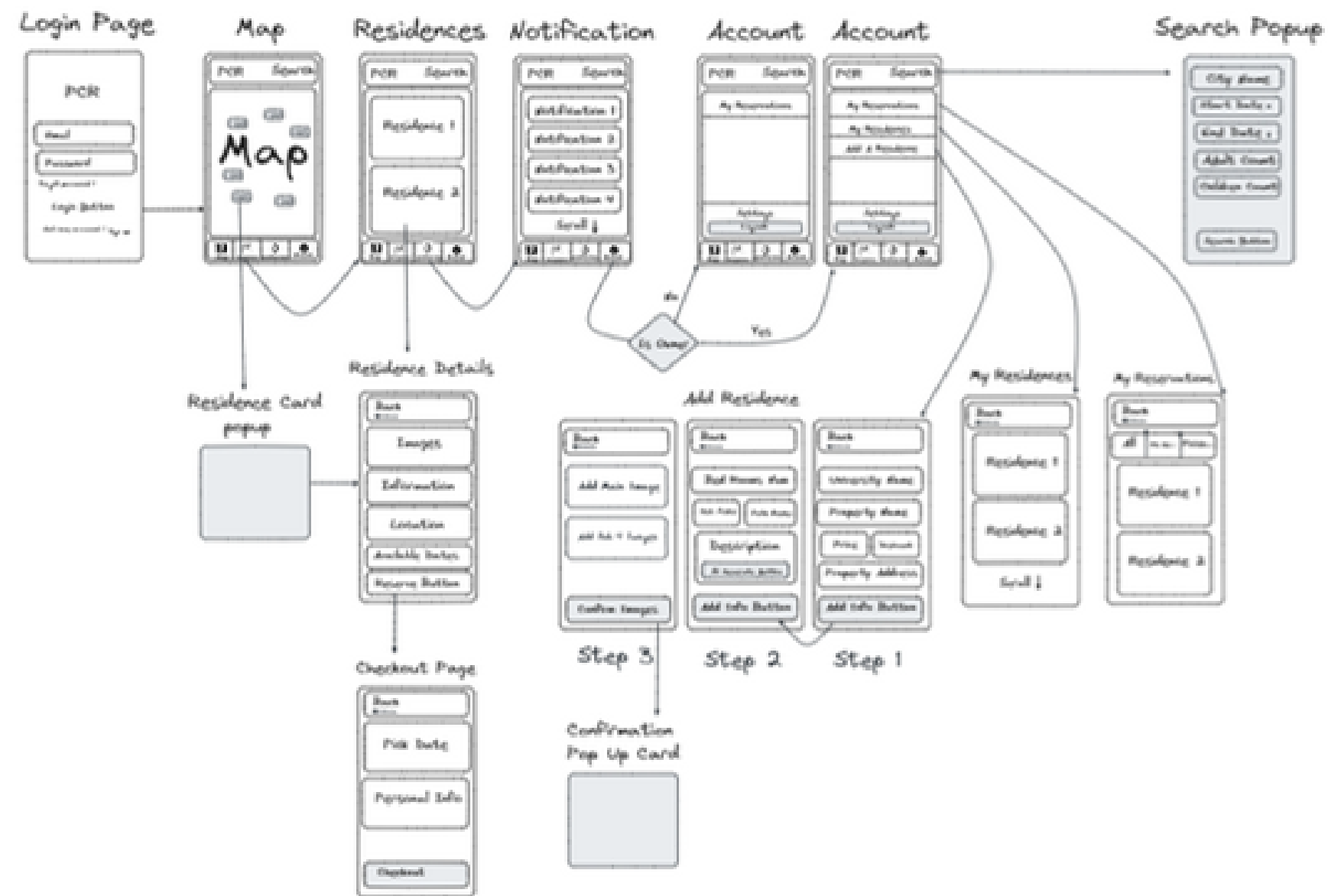
CLOUD STORAGE



MOBILE APP UX FLOW CHART

Flow

Mobile Application - React Native



REGISTRATION PAGE

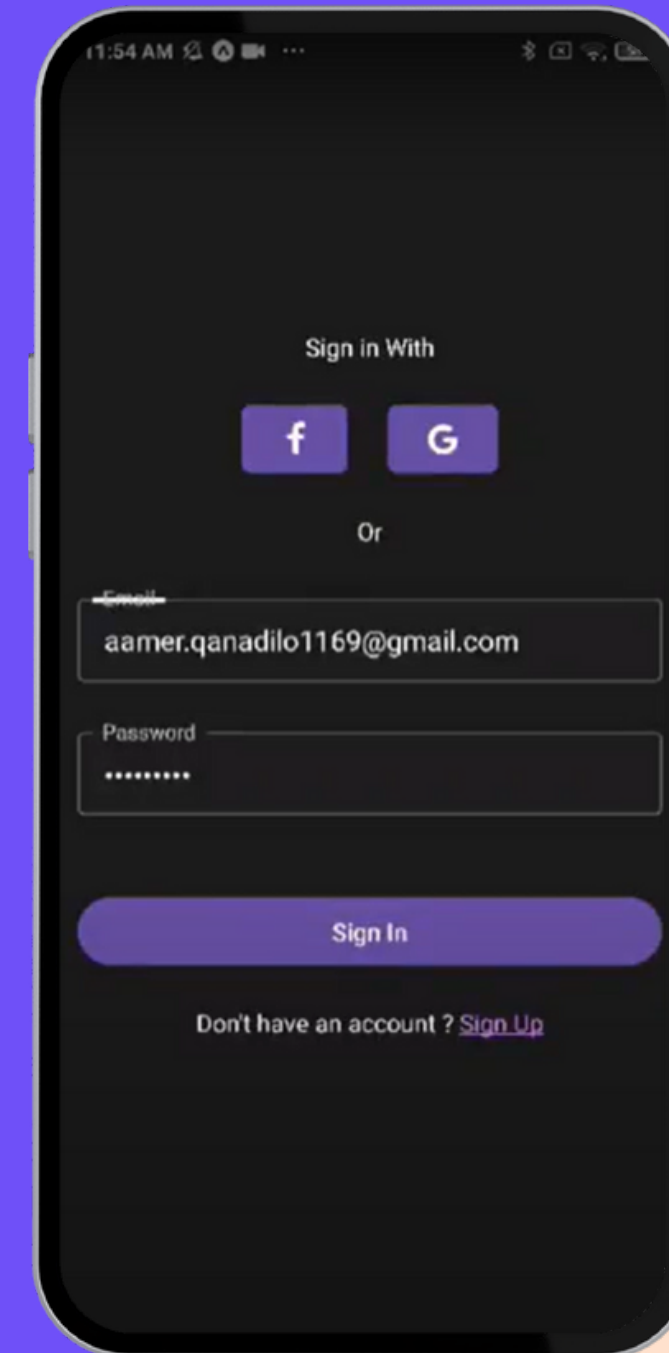
SIGN IN

SIGN UP

**WE HAVE 2 STACKHOLDERS
IN MOBILE APP**

OWNER – HAS MULTIPLE RESIDENCES

STUDENT – CAN BOOK A RESIDENCE



11:54 AM

Sign in With

f G

Or

Email

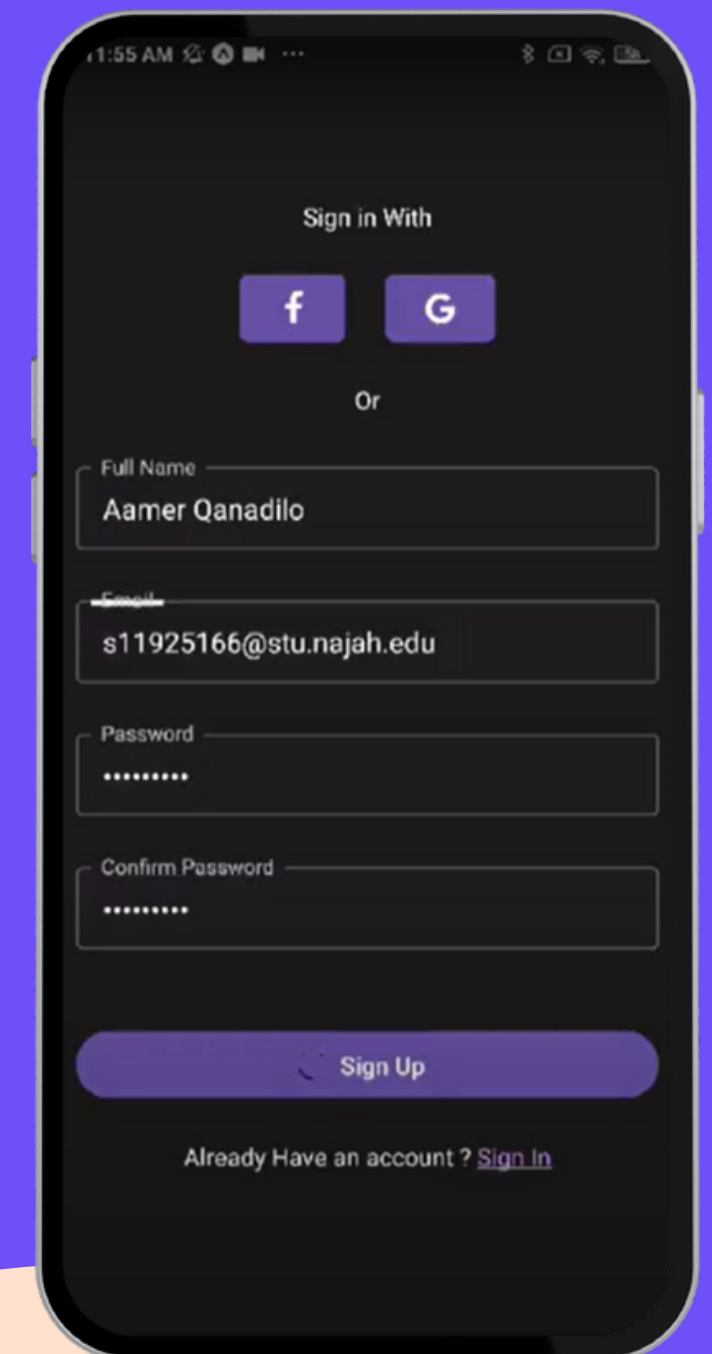
aamer.qanadilo1169@gmail.com

Password

.....

Sign In

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



11:55 AM

Sign in With

f G

Or

Full Name

Aamer Qanadilo

Email

s11925166@stu.najah.edu

Password

.....

Confirm Password

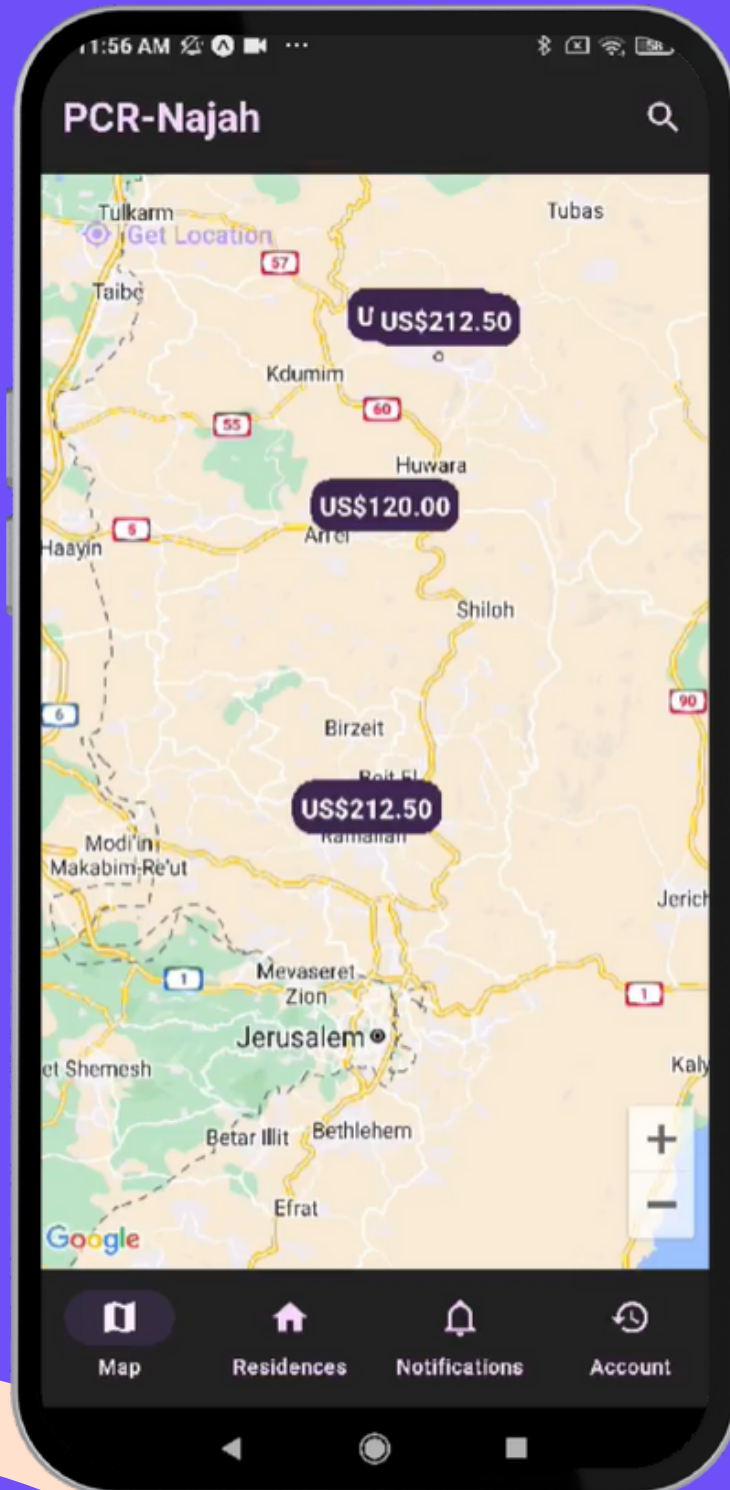
.....

Sign Up

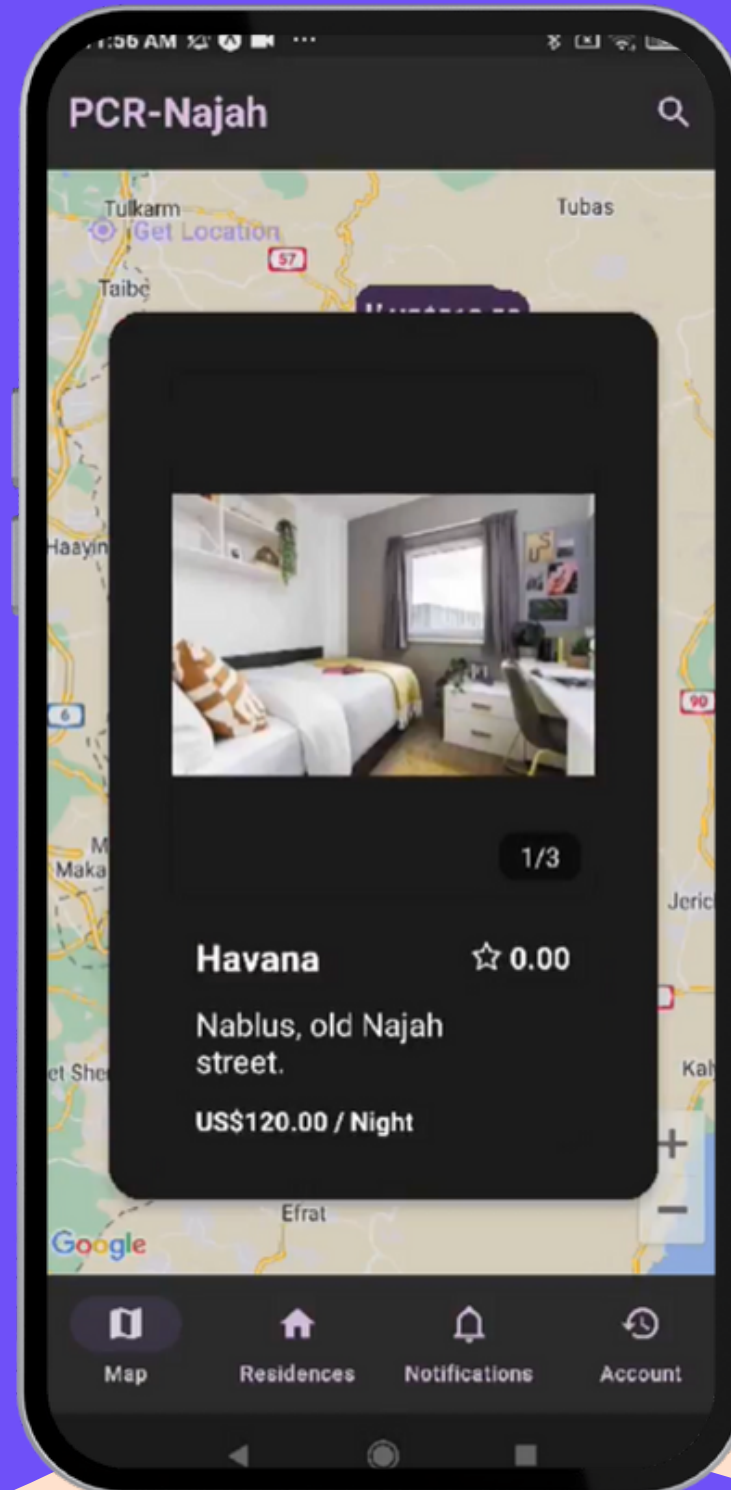
Already Have an account ? [Sign In](#)

MAIN PAGES

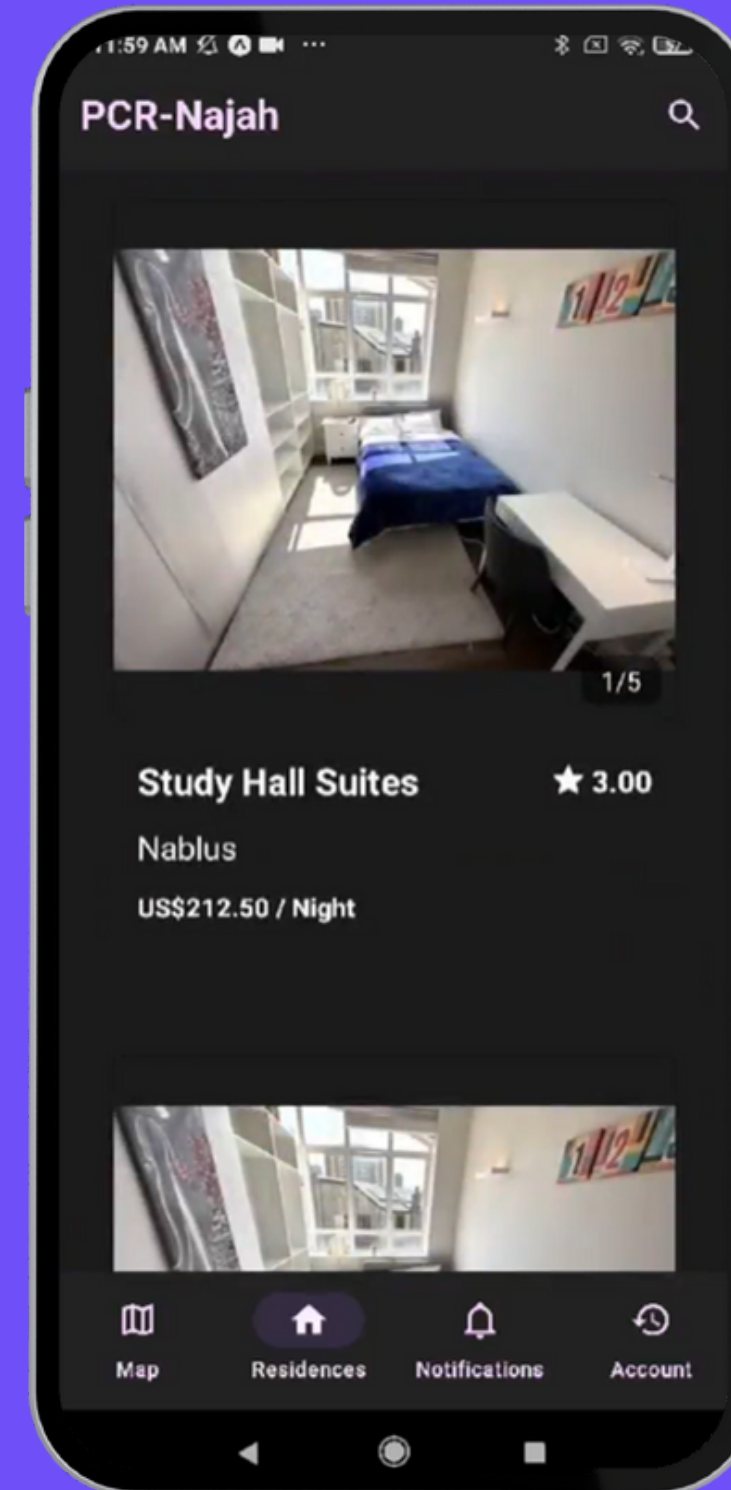
MAP



RESIDENCE POPUP

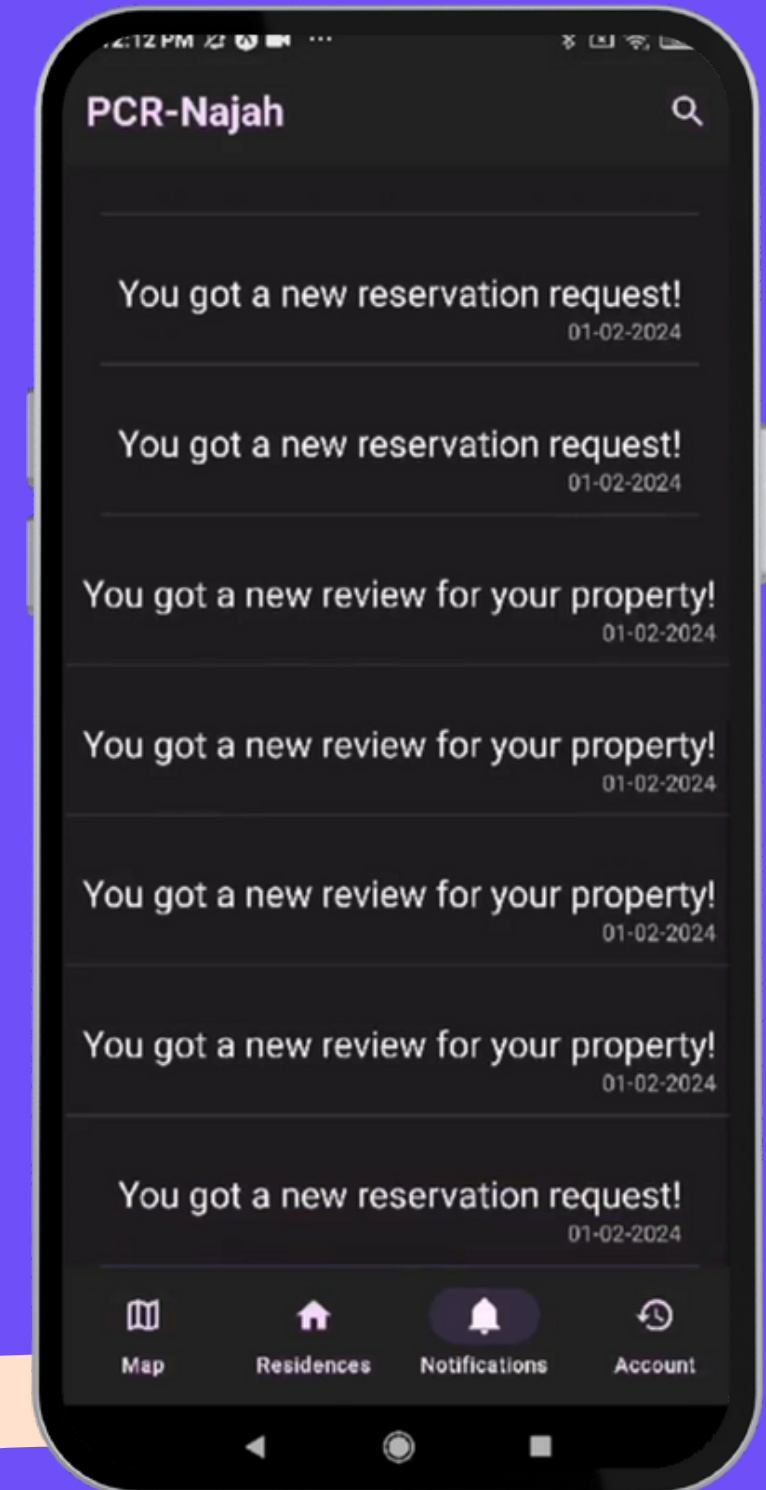


RESIDENCES



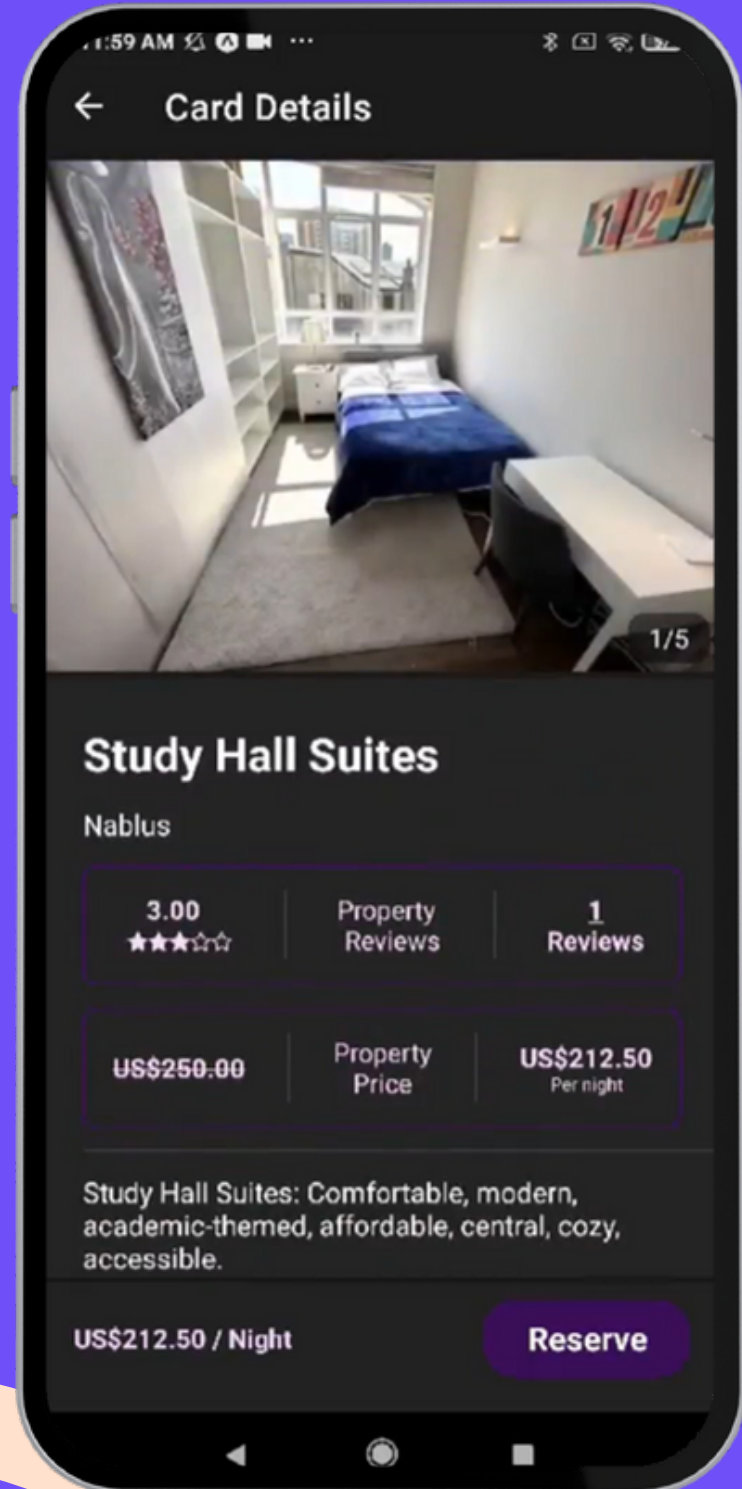
NOTIFICATIONS

(Socket.io)

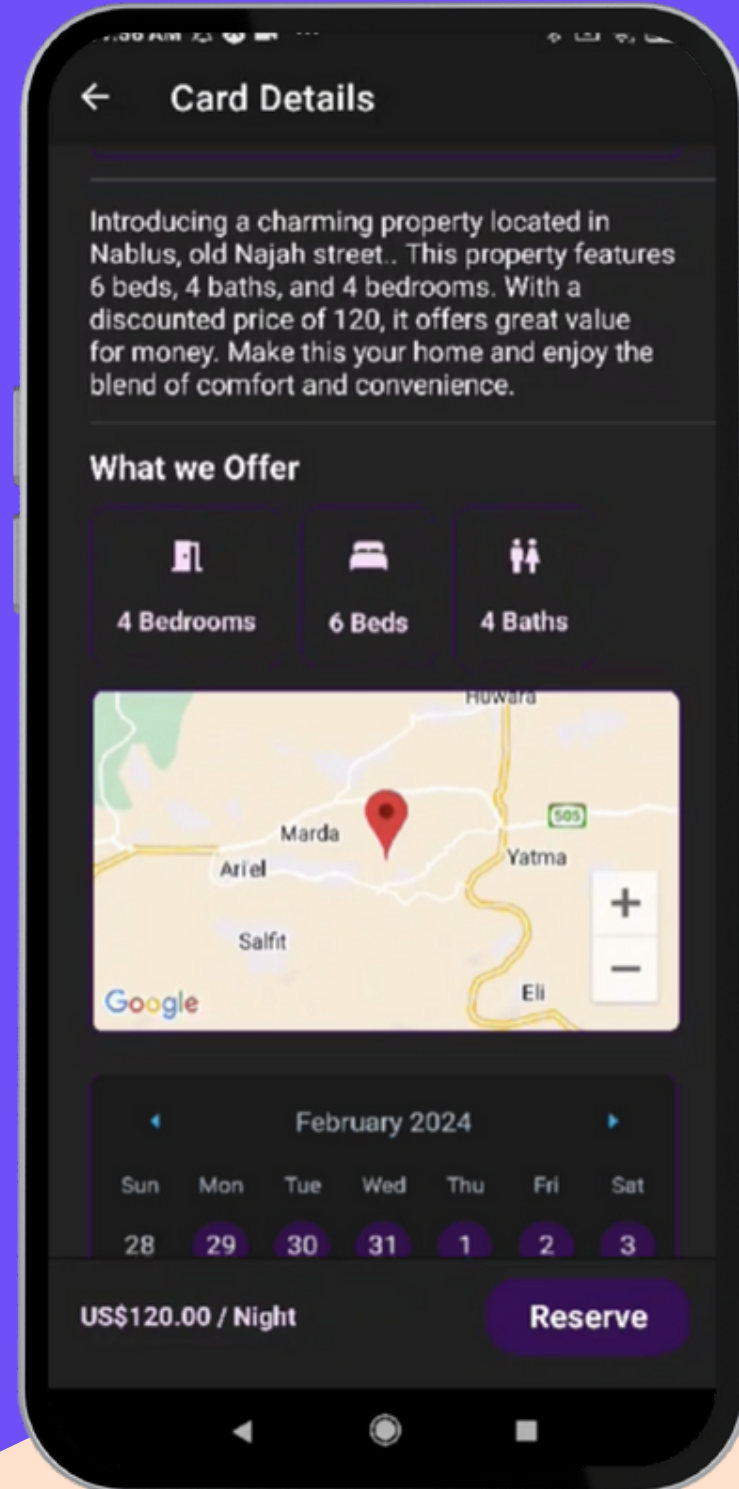


RESIDENCE DETAILS PAGE

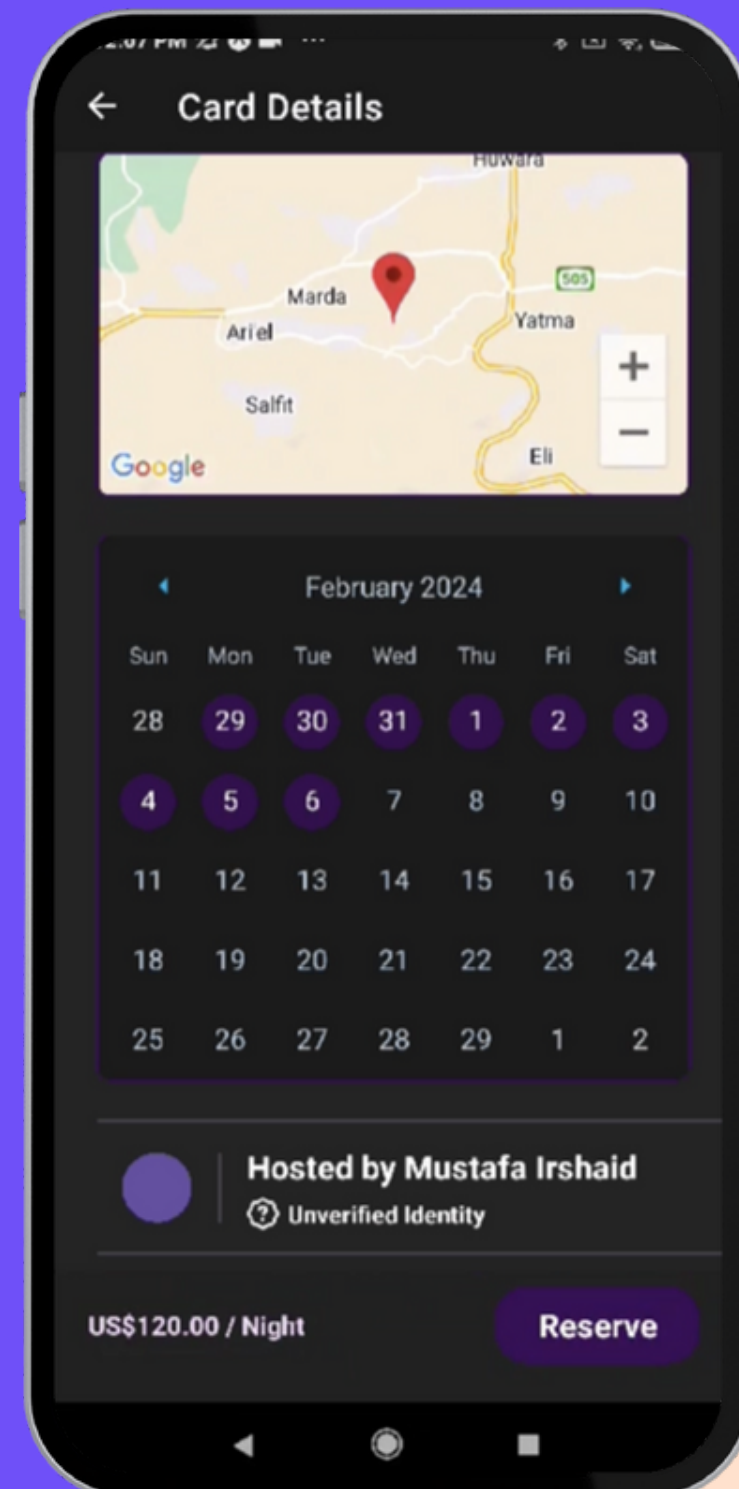
HEADER



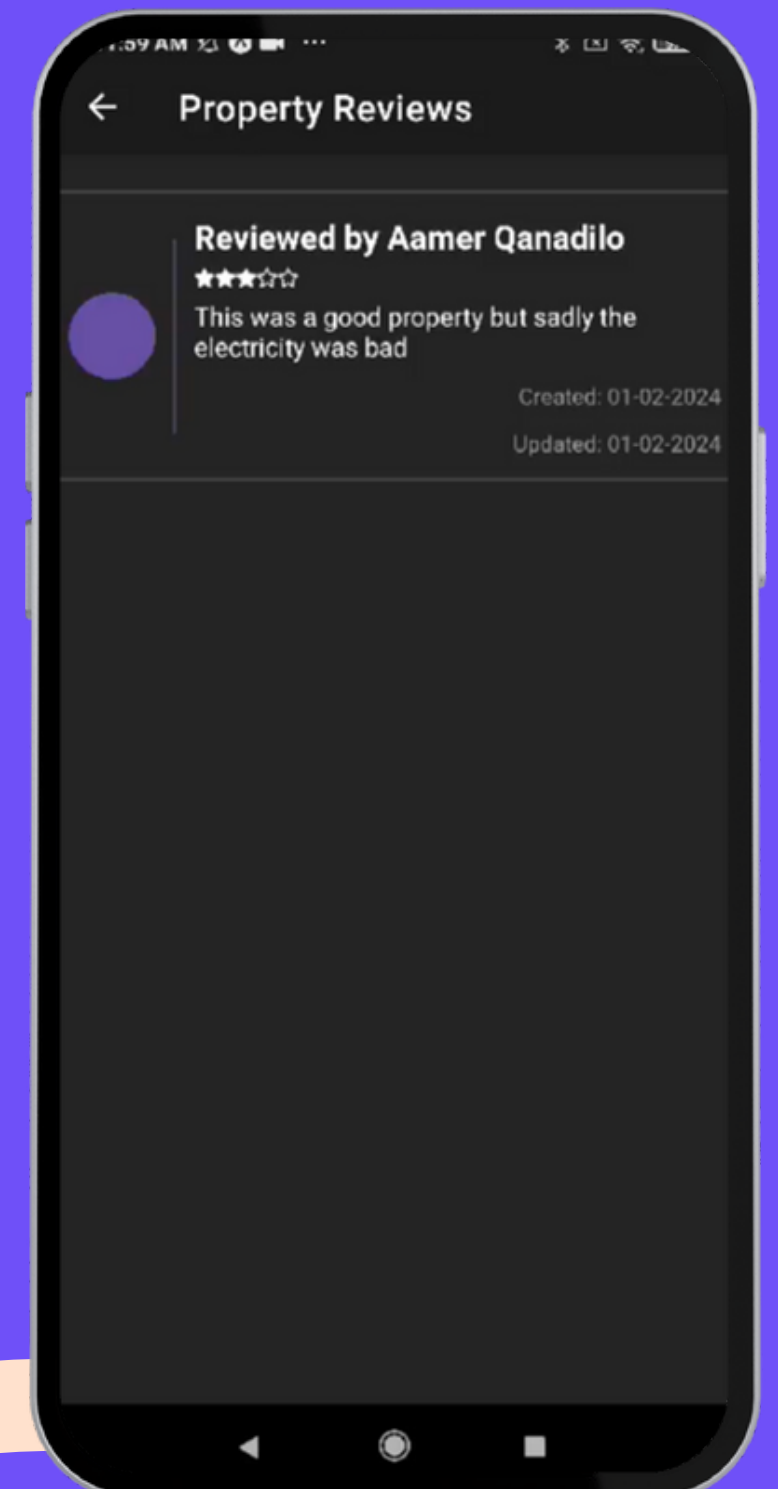
DETAILS



FOOTER

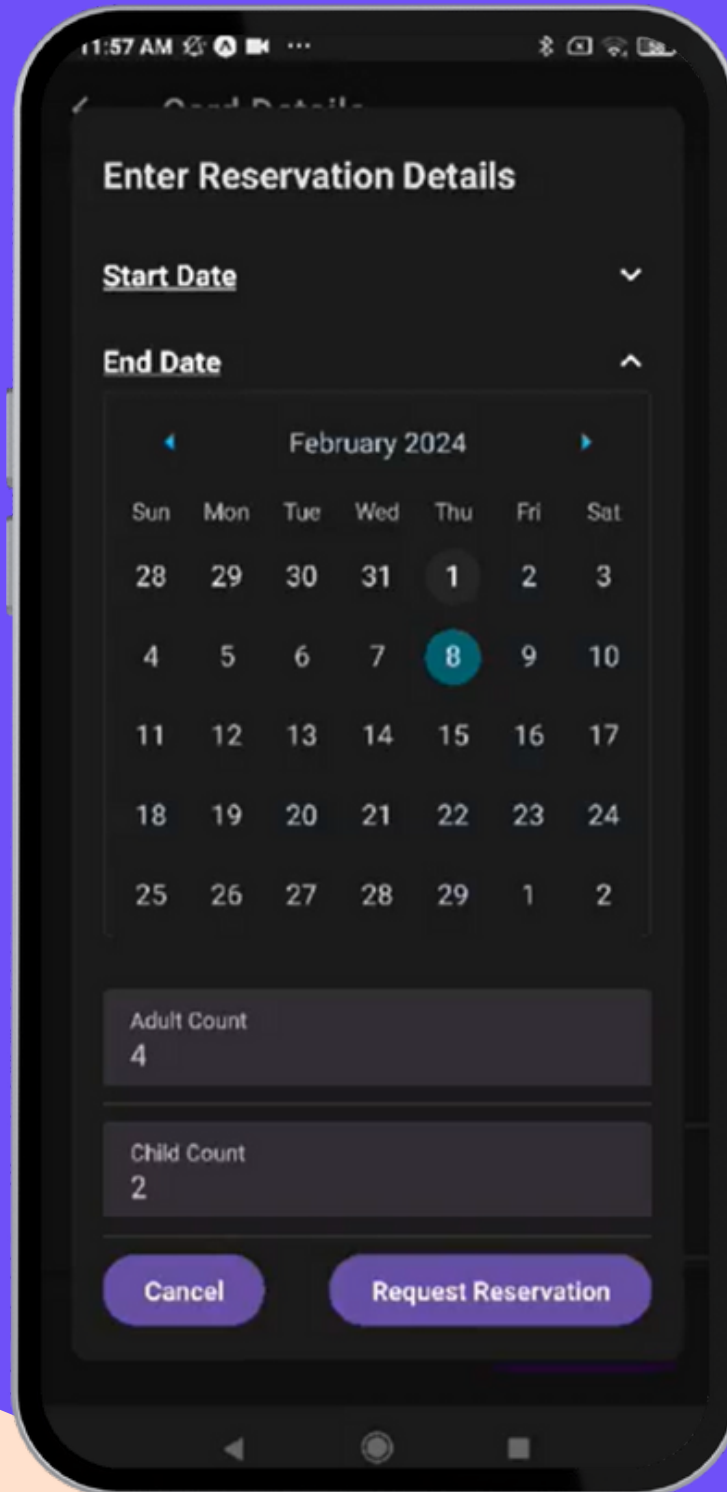


REVIEWS

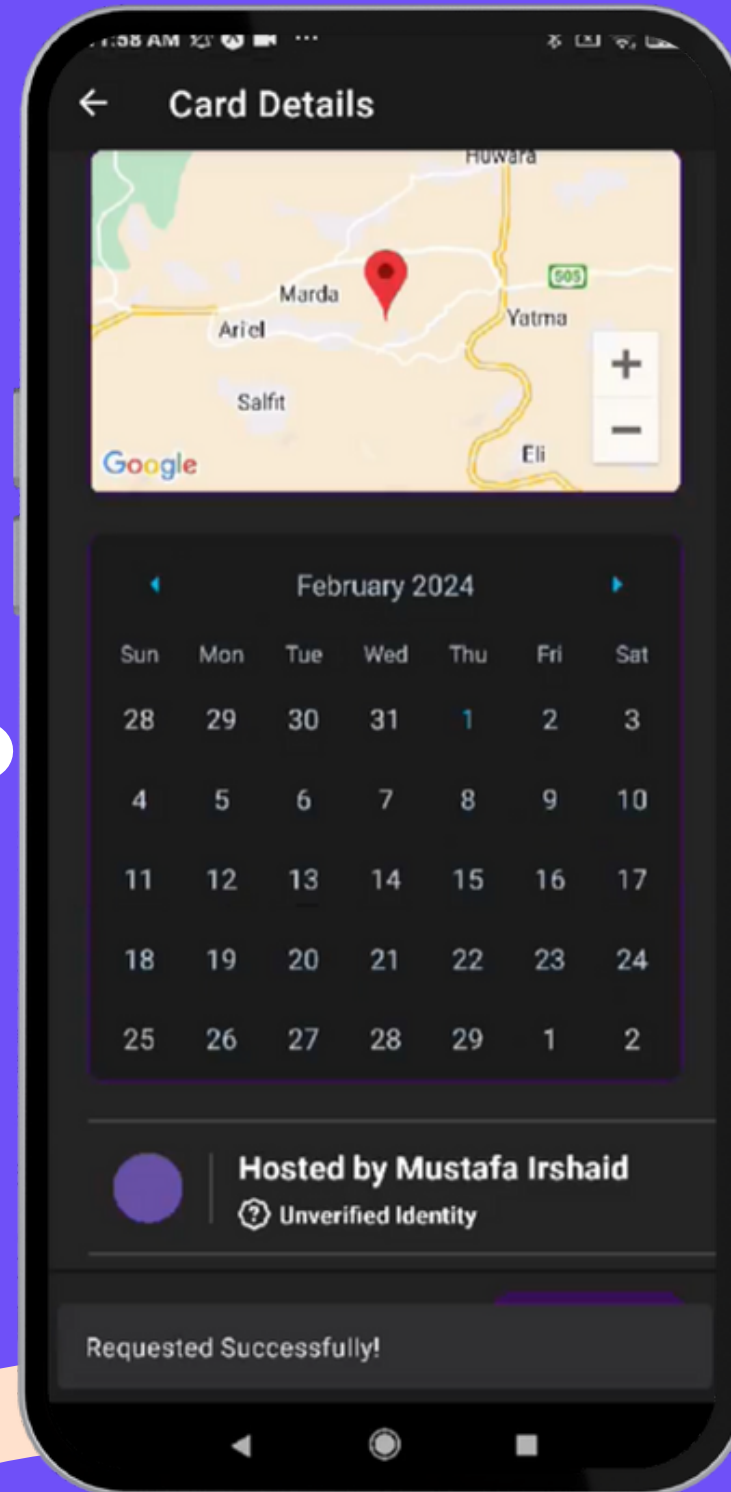


SEND REQUEST RESERVATION

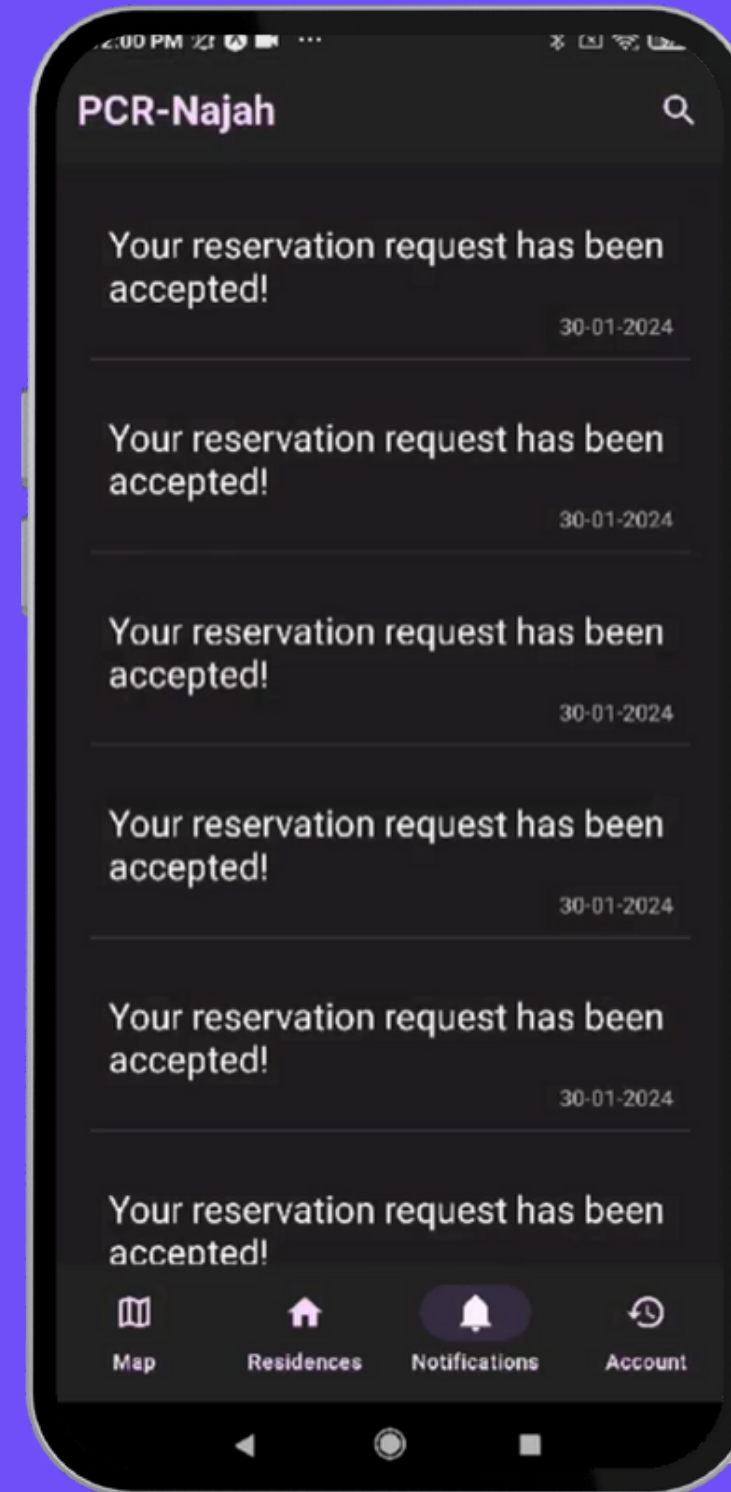
REQUEST RESERVATION



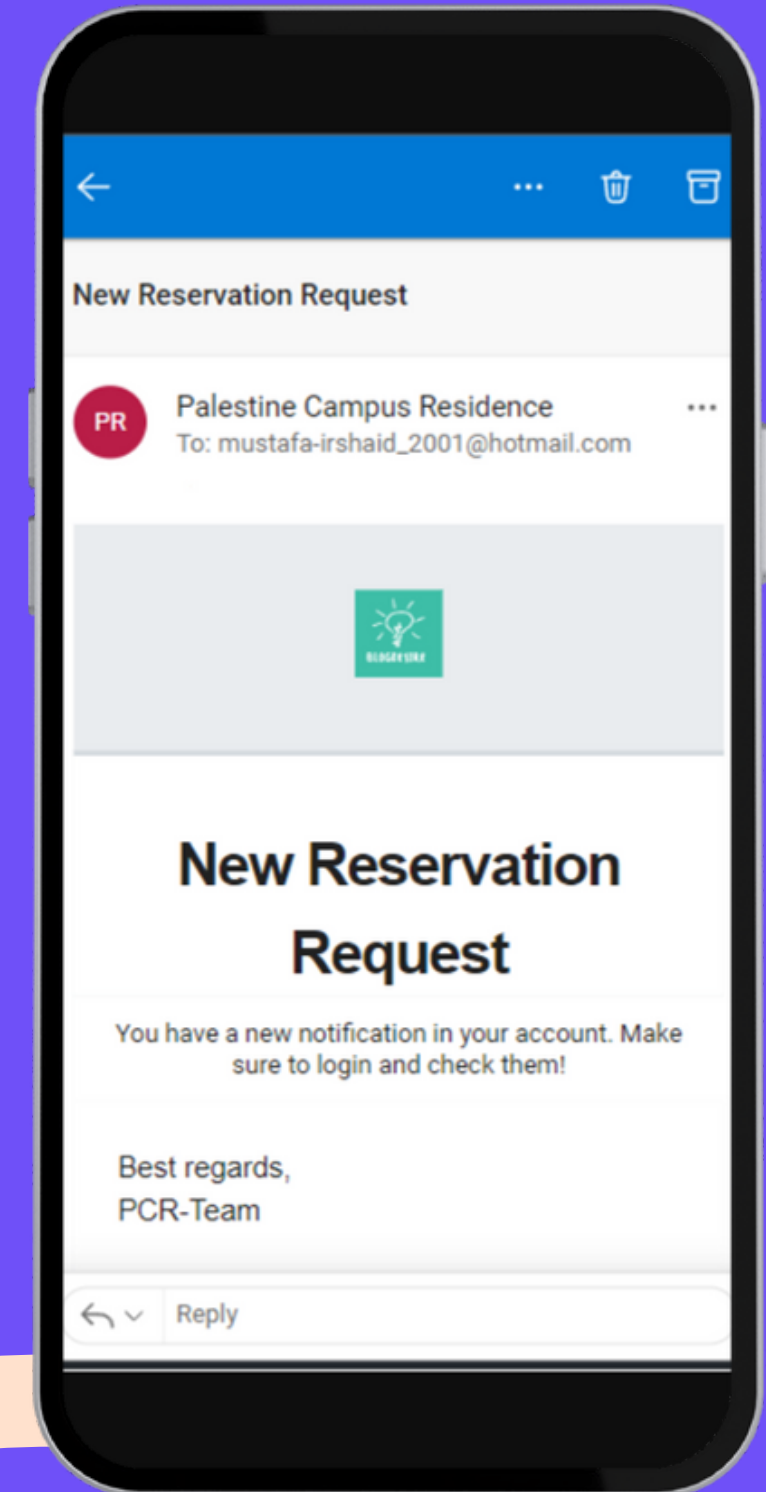
SNACKBAR STATUS



OWNER NOTIFICATIONS

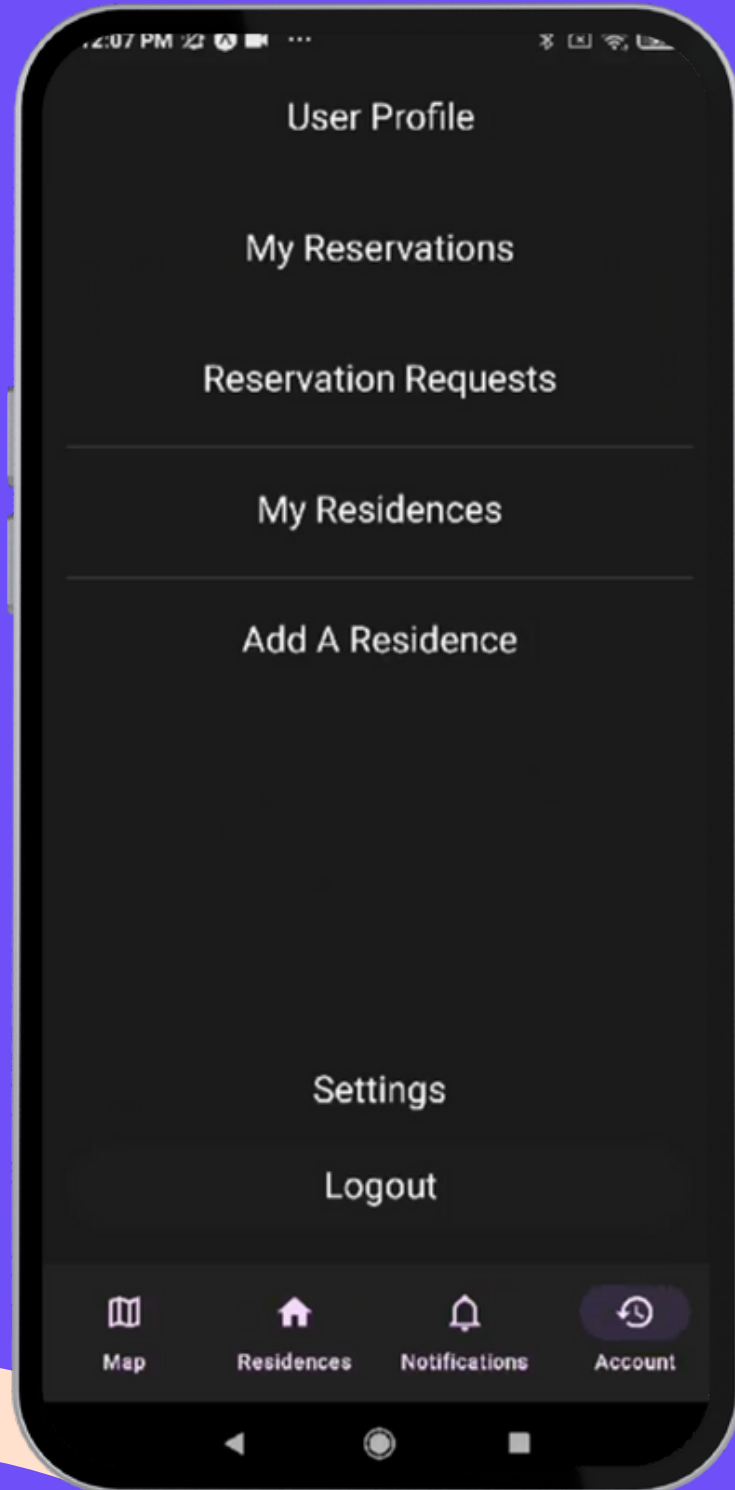


OWNER EMAIL

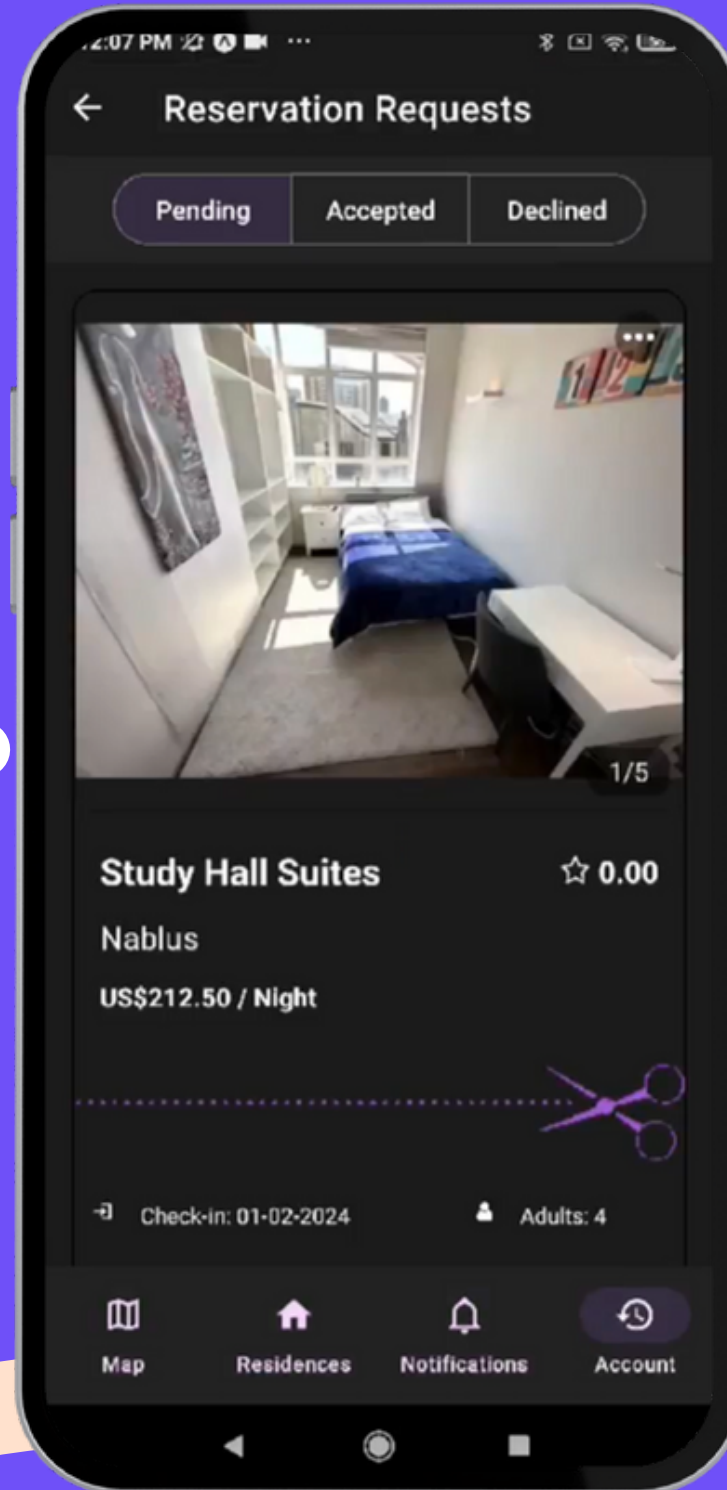


RESERVATION REQUESTS TRACKING

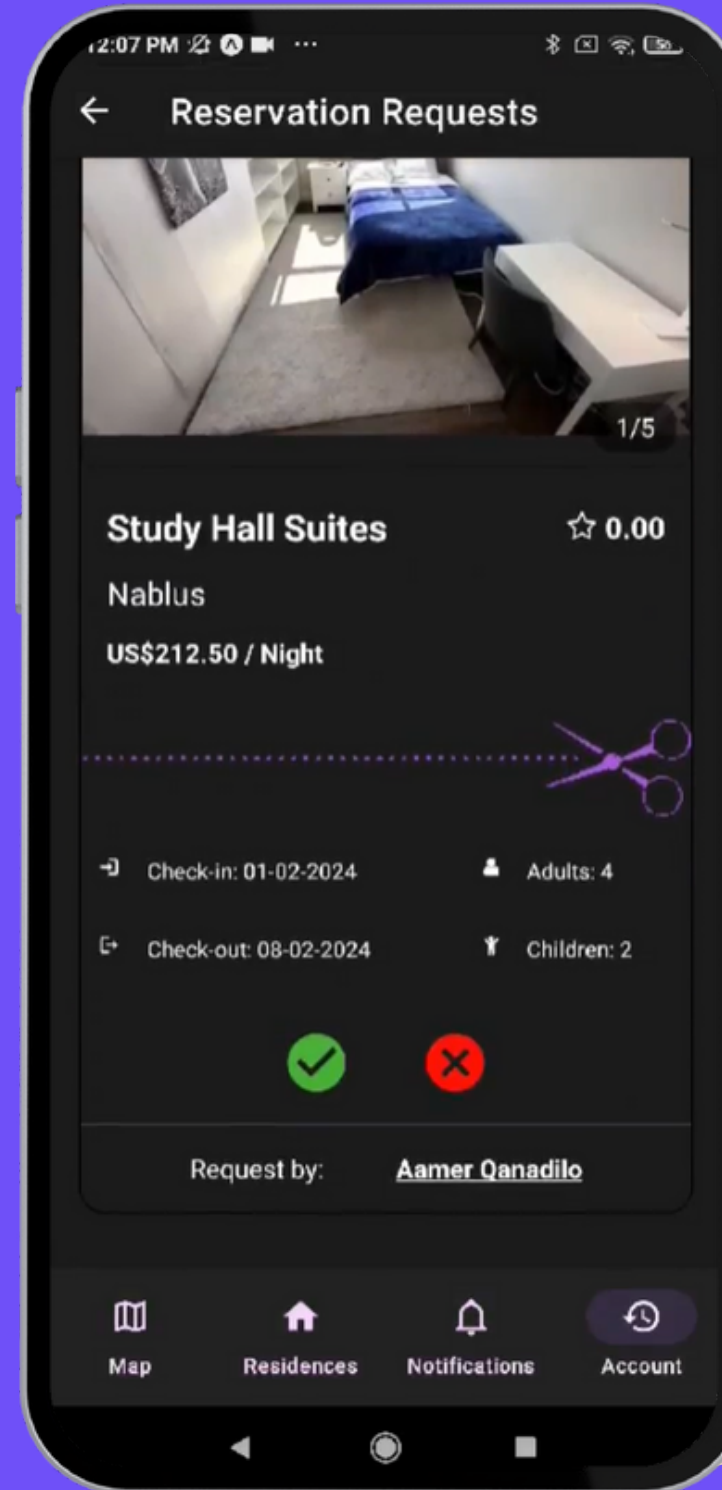
ACCOUNT PAGE



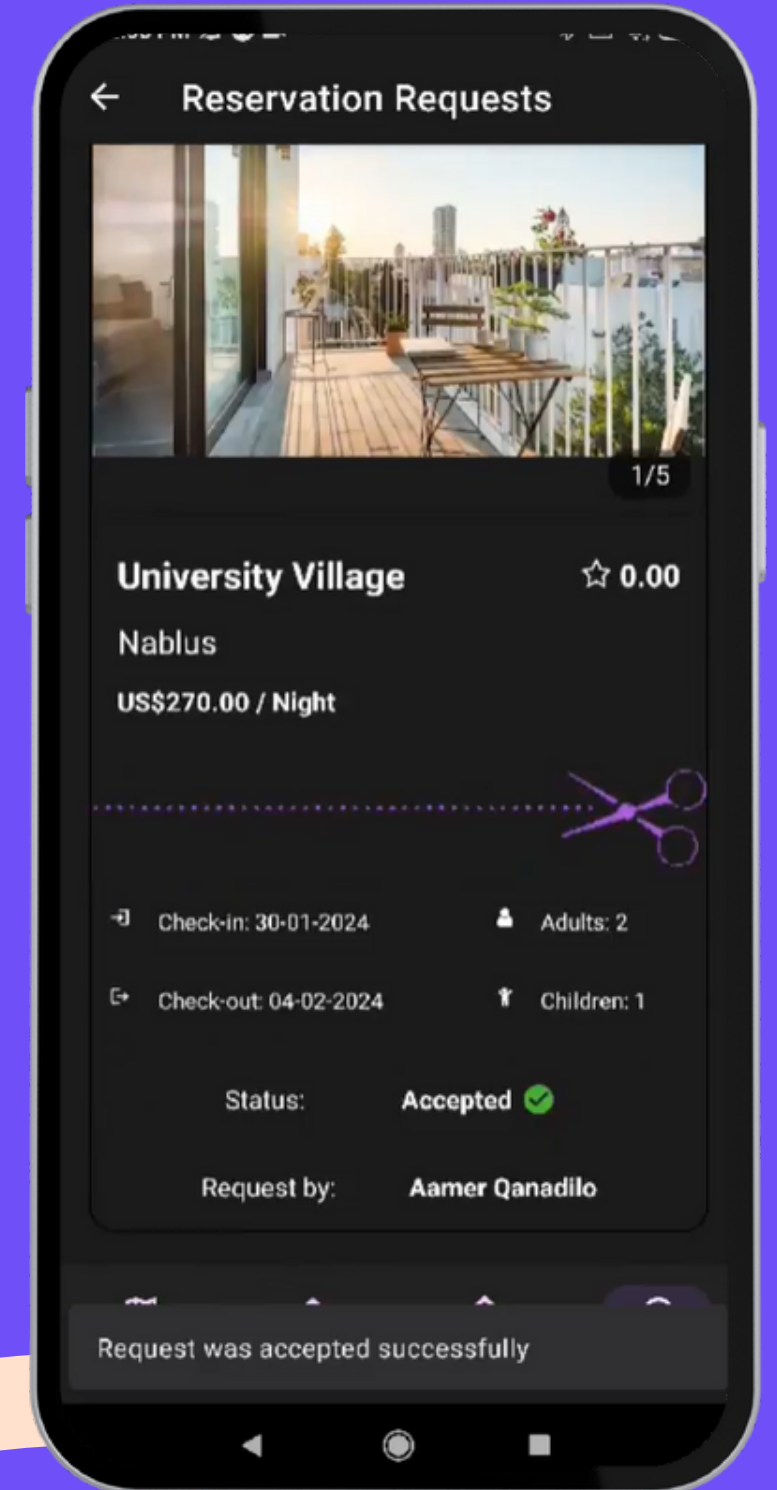
PENDING STATE



PENDING STATE



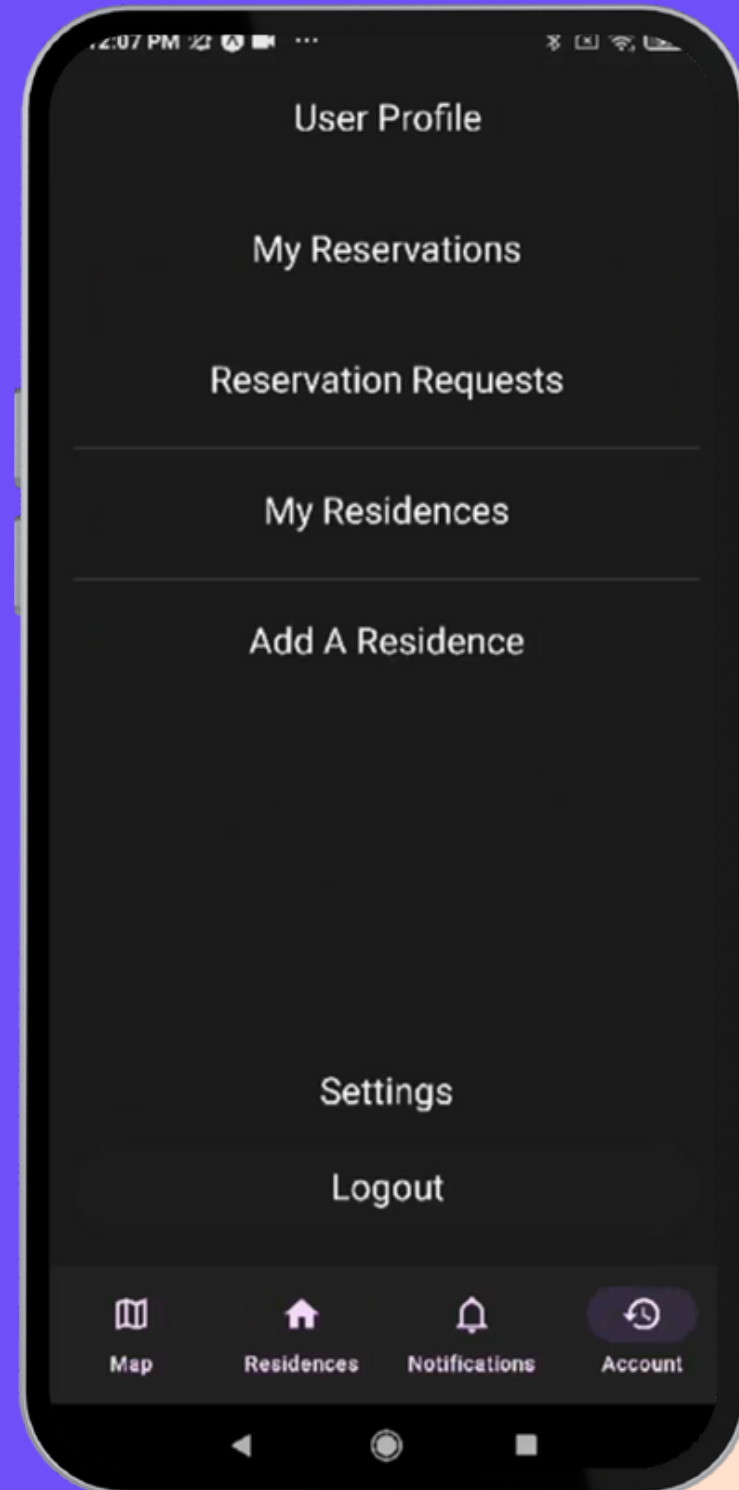
ACCEPTED STATE



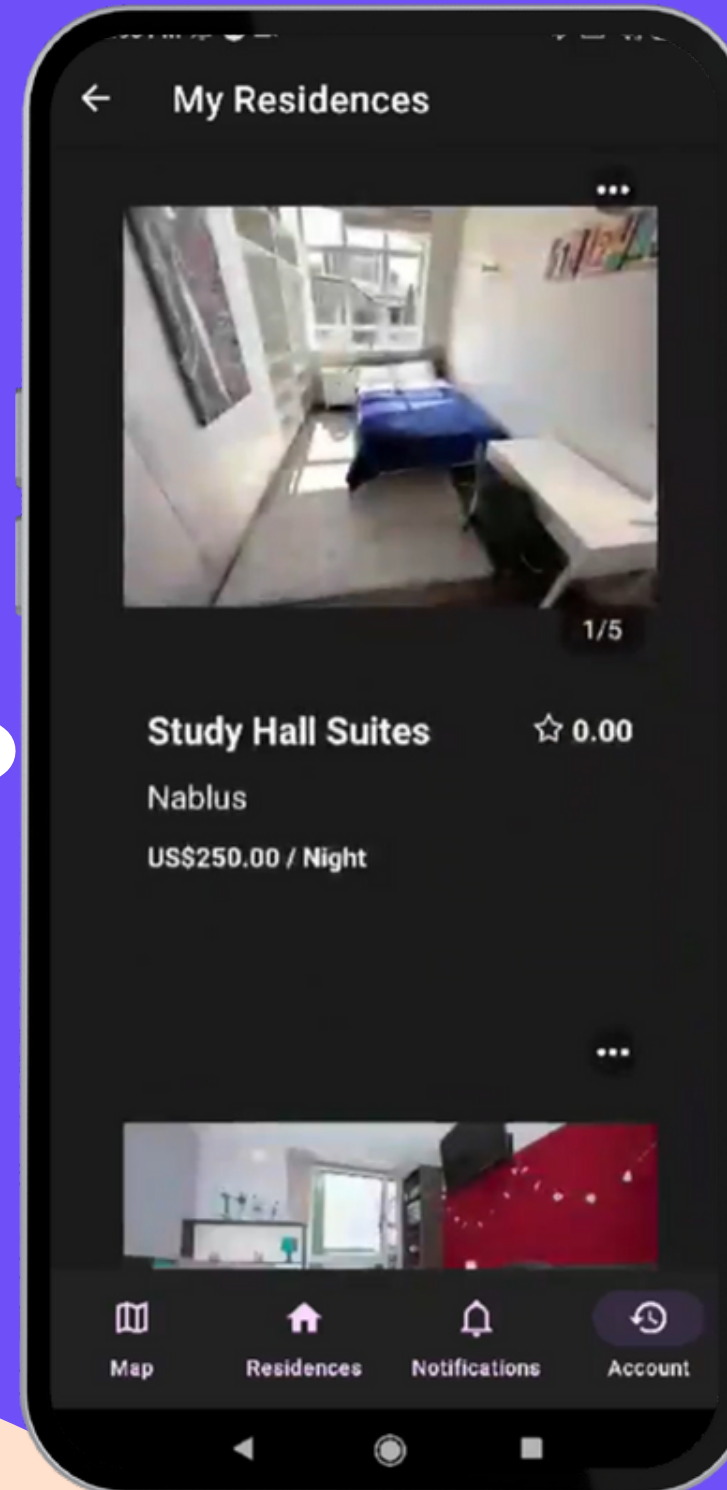
TRACK YOUR RESIDENCES

(Owners Only)

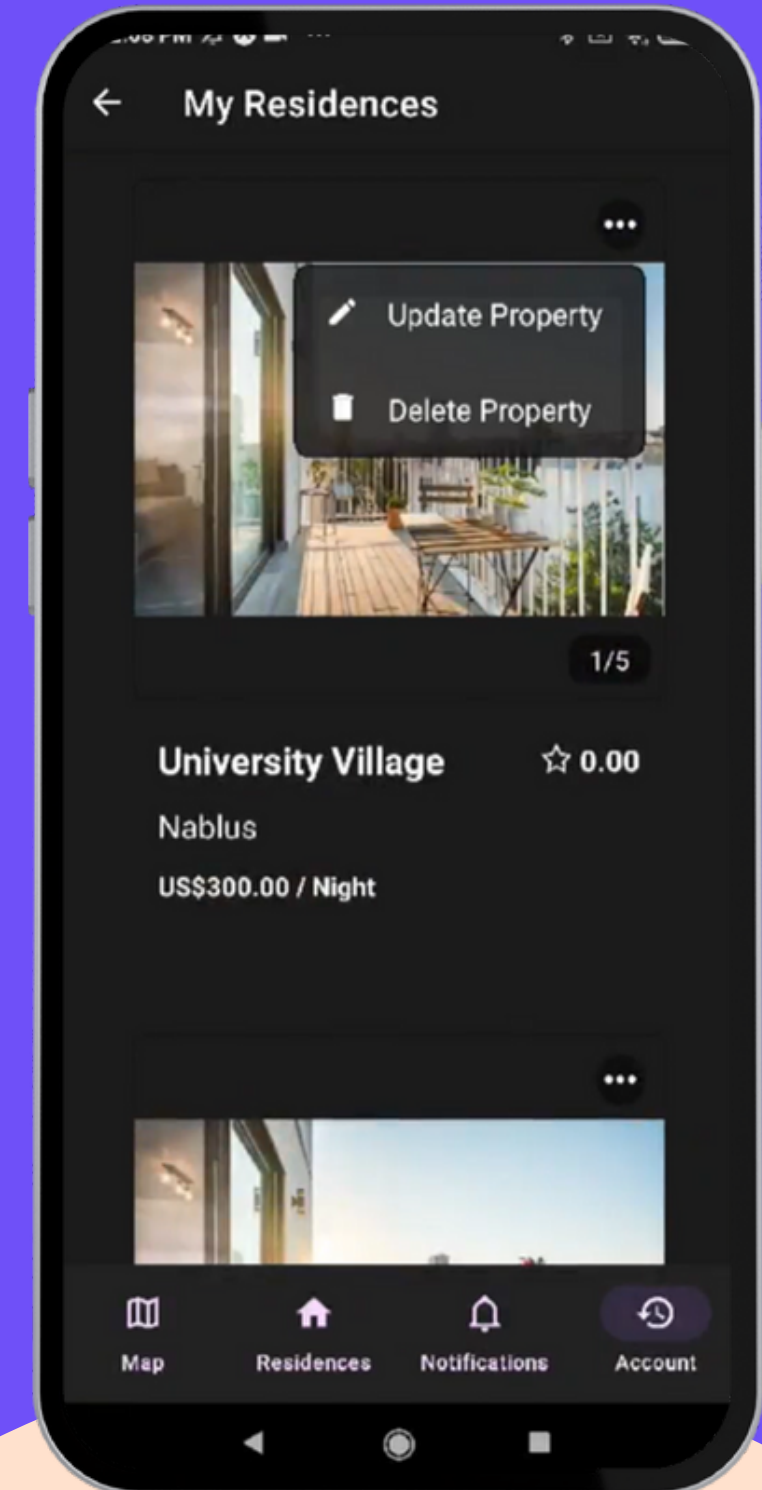
ACCOUNT PAGE



RESIDENCES LIST



RESIDENCES OPTIONS



ADD A RESIDENCE

ADD GENERAL INFO

10 PM

← Add A Residence

Fill Out Property Info

Select a College

Property Name
Havana

Price \$ 150 Discount % 20

Property Address
Nablu, old Najah street.

Add Information

Map Residences Notifications Account

**SELECT
COLLEGE**

← Add A Residence

Fill Out Property Info

An-Najah National University

Property Name
Havana

Price \$ 150 Discount % 20

Property Address
Nablu, old Najah street.

Add Information

Map Residences Notifications Account

CONFIRM

← Add A Residence

Fill Out Property Info

Bedrooms number
4

Beds number 6 Baths number 4

Description

Generate Description by ChatGPT 4. (Writing an initial description first, can get you a better written result)

Add Residence Information

Go Back

Added Successfully!

Map Residences Notifications Account

ADD A RESIDENCE (CONT.)

ADD SUB INFO

← Add A Residence

Fill Out Property Info

Bedrooms number

4

Beds number Baths number

6 4

Description

Generate Description by ChatGPT 4. (Writing an initial description first, can get you a better written result)

Add Residence Information

Go Back

Added Successfully!

AI GENERATED
DESCRIPTION

ATTEMPT #1

← Add A Residence

Fill Out Property Info

Bedrooms number

4

Beds number Baths number

6 4

Description

Introducing a charming property located in Nablus, old Najah street.. This property features 6 beds, 4 baths, and 4 bedrooms. With a discounted price of 120, it offers great value for money. Make this your home and enjoy the blend of comfort and convenience.

Generate Description by ChatGPT 4. (Writing an initial description first, can get you a better written result)

Add Residence Information

Generated successfully! (2 attempts remaining)

AI ENHANCED
DESCRIPTION

ATTEMPT #2

← Add A Residence

Fill Out Property Info

Bedrooms number

4

Beds number Baths number

6 4

Description

Experience comfort and convenience in this charming property nestled in the heart of Nablus, on Old Najah Street. Boasting 4 bedrooms, 4 bathrooms, and 6 comfortable beds, it's the perfect retreat for families or groups. Enjoy a special discounted rate of \$120 per night, offering exceptional value for your stay. Make this your home away from home in Nablus.

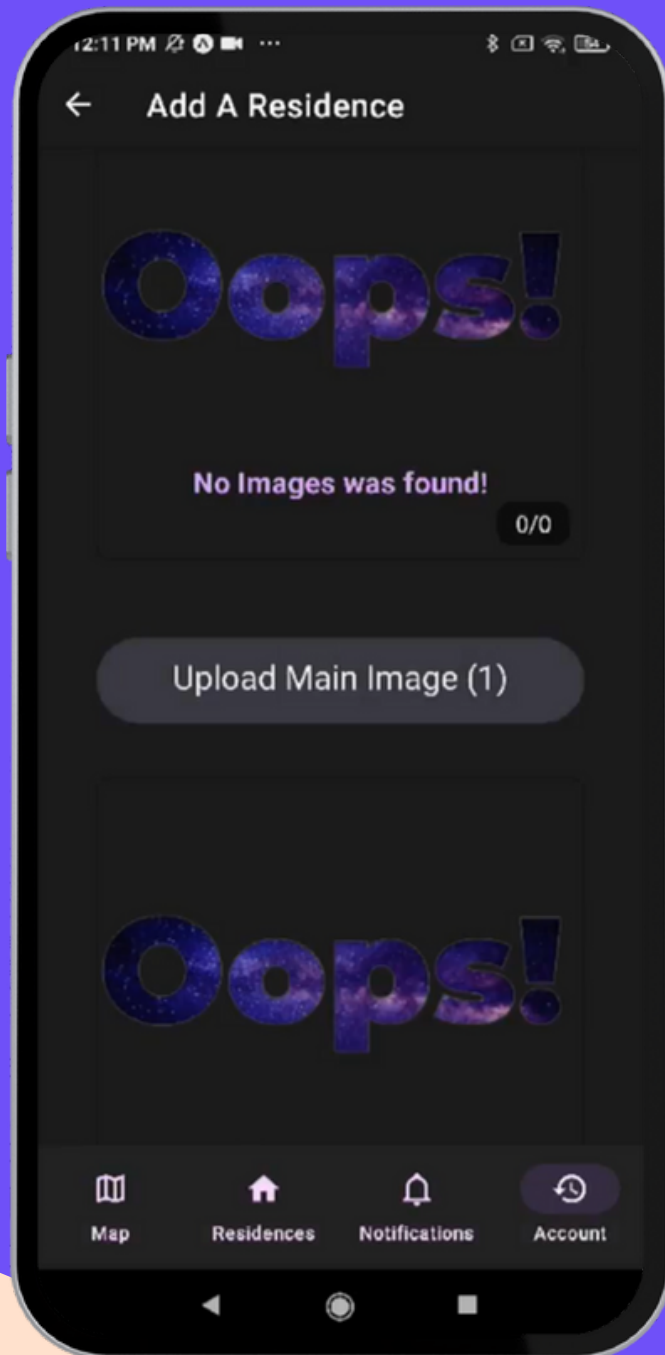
Generate Description by ChatGPT 4. (Writing an initial description first, can get you a better written result)

Add Residence Information

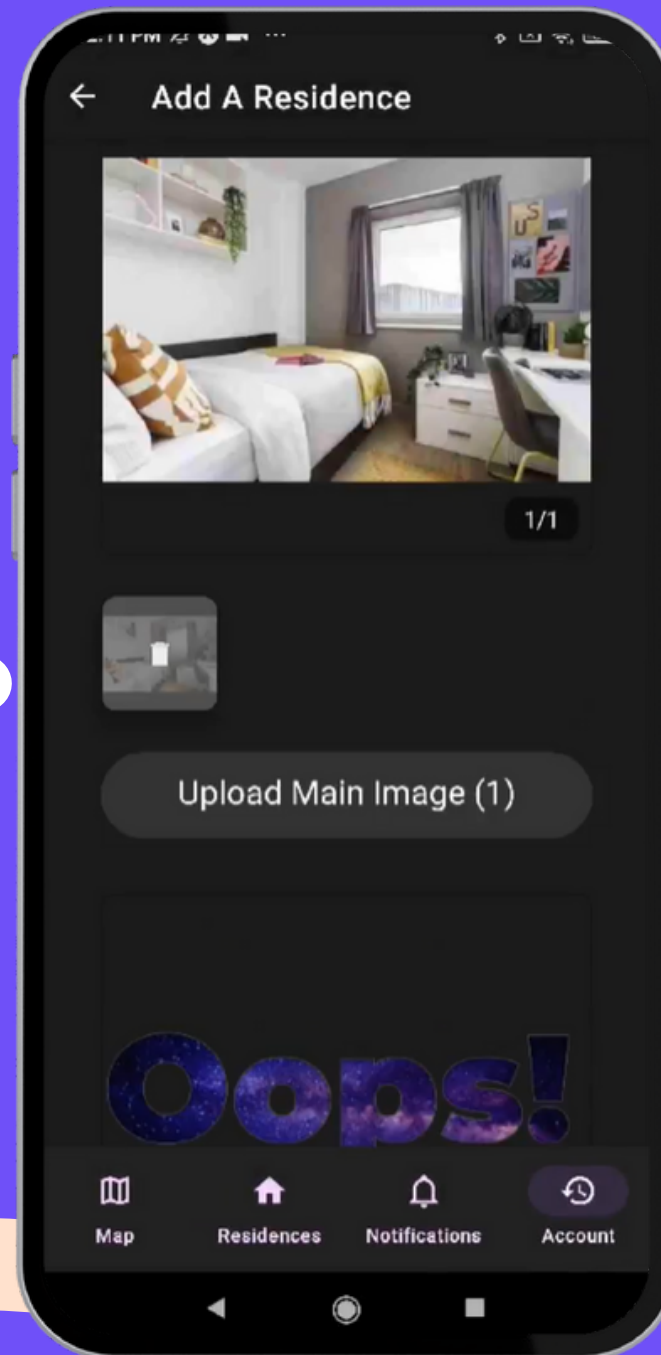
Generated successfully! (1 attempts remaining)

ADD A RESIDENCE (CONT.)

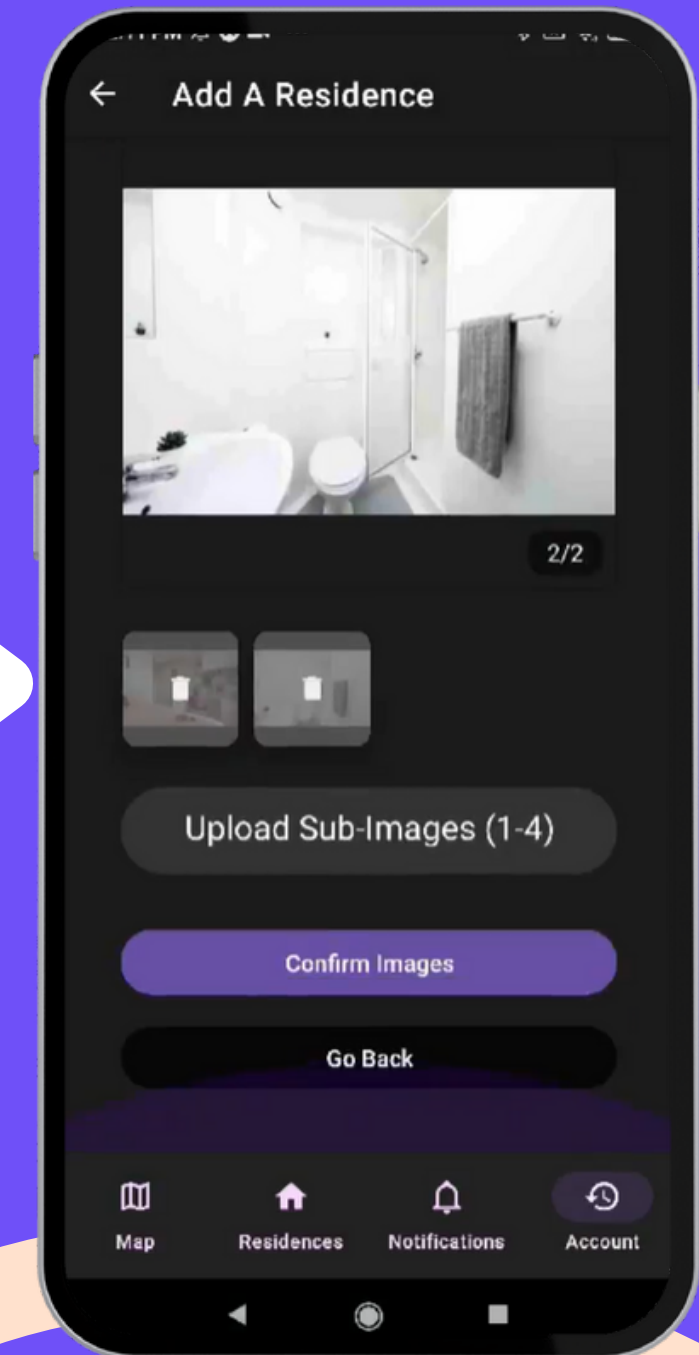
ADD RESIDENCE IMAGES



UPLAD MAIN
IMAGE

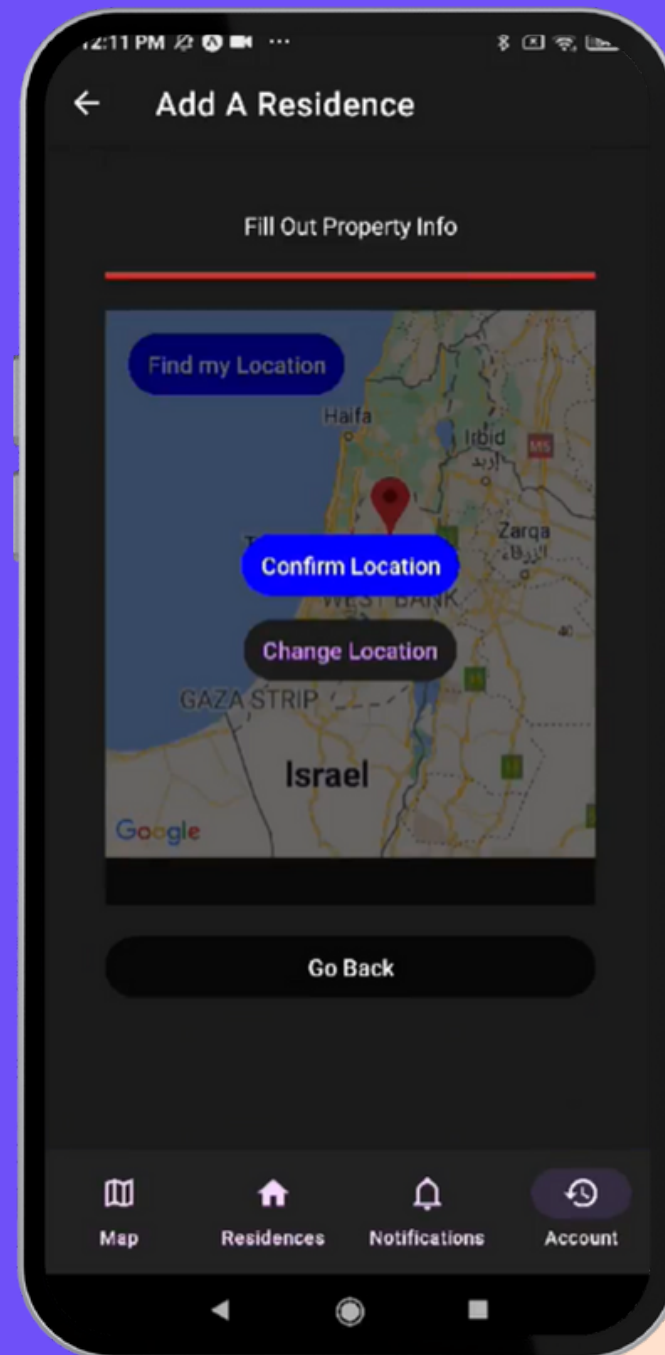


UPLAD SUB
IMAGEE

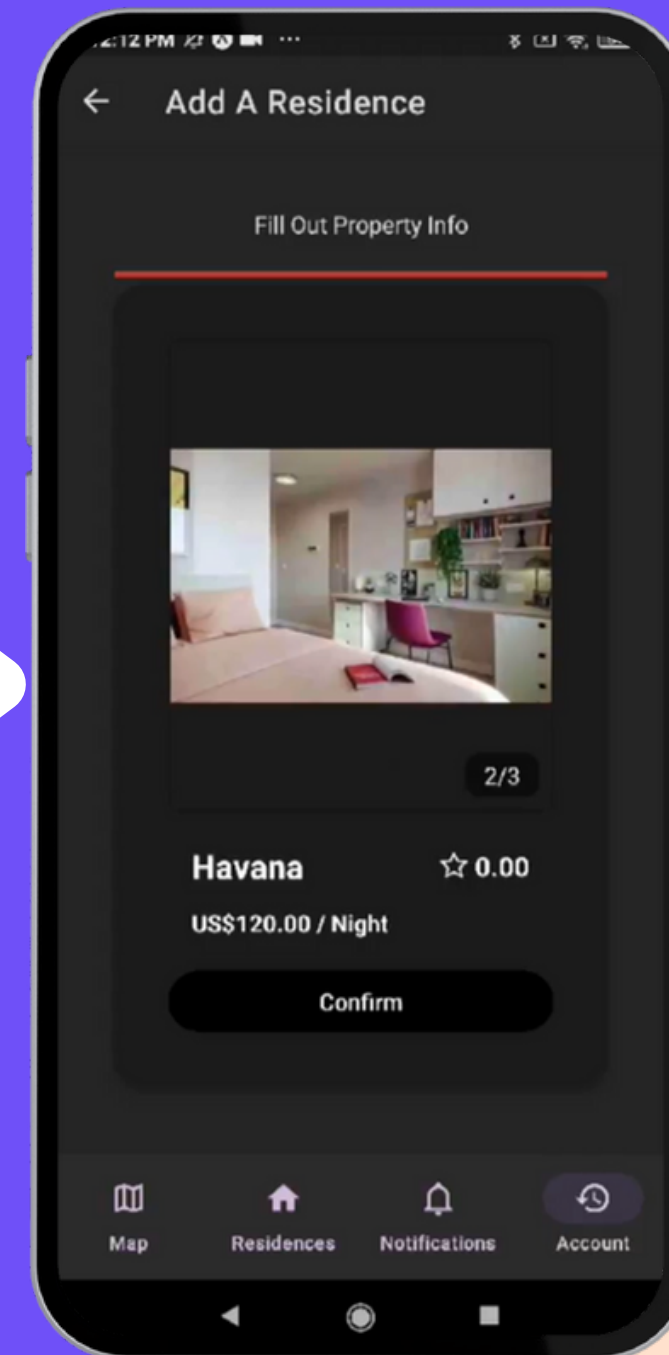


ADD A RESIDENCE (CONT.)

ADD RESIDENCE LOCATION



**WHEN YOU CONFIRM
YOU CAN SEE PROPERTY CARD**
(This helps the owner see how
it looks for other users)



SEARCH RESIDENCES

RESULT

11:58 AM

Enter Reservation Details

Select a city

Start Date

February 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	1	2

End Date

Adult Count

Child Count

Cancel Submit

11:58 AM

Enter Reservation Details

Nablus

Start Date

February 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	1	2

End Date

Adult Count

Child Count

Cancel Submit

11:58 AM

Enter Reservation Details

Nablus

Start Date

February 2024

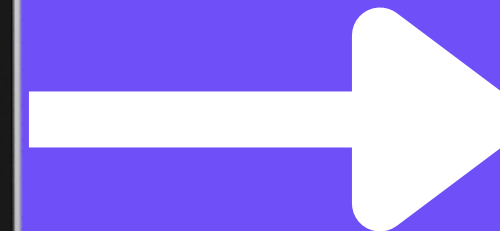
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	1	2

End Date

Adult Count
4

Child Count
2

Cancel Submit



11:59 AM

PCR-Najah

1/5

Study Hall Suites

★ 3.00

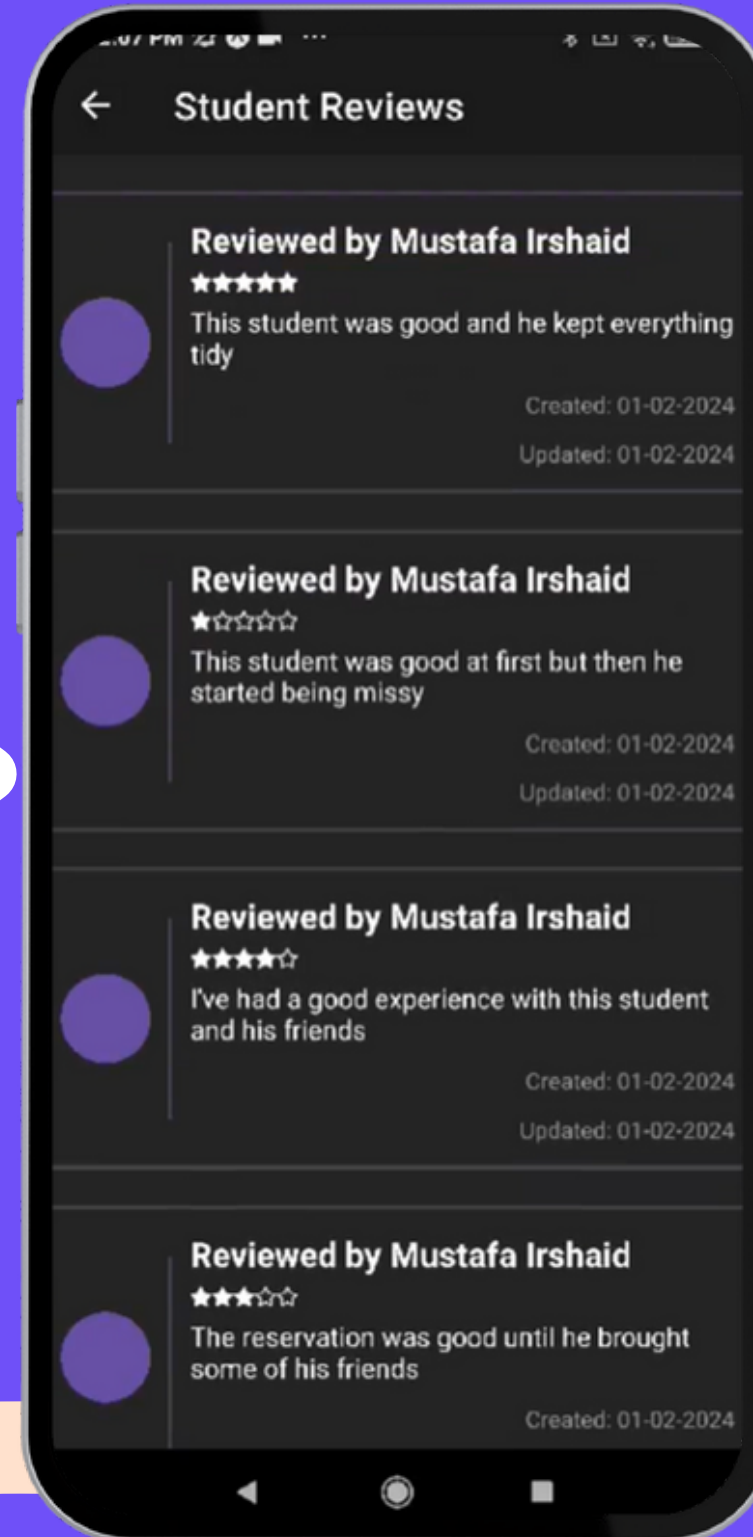
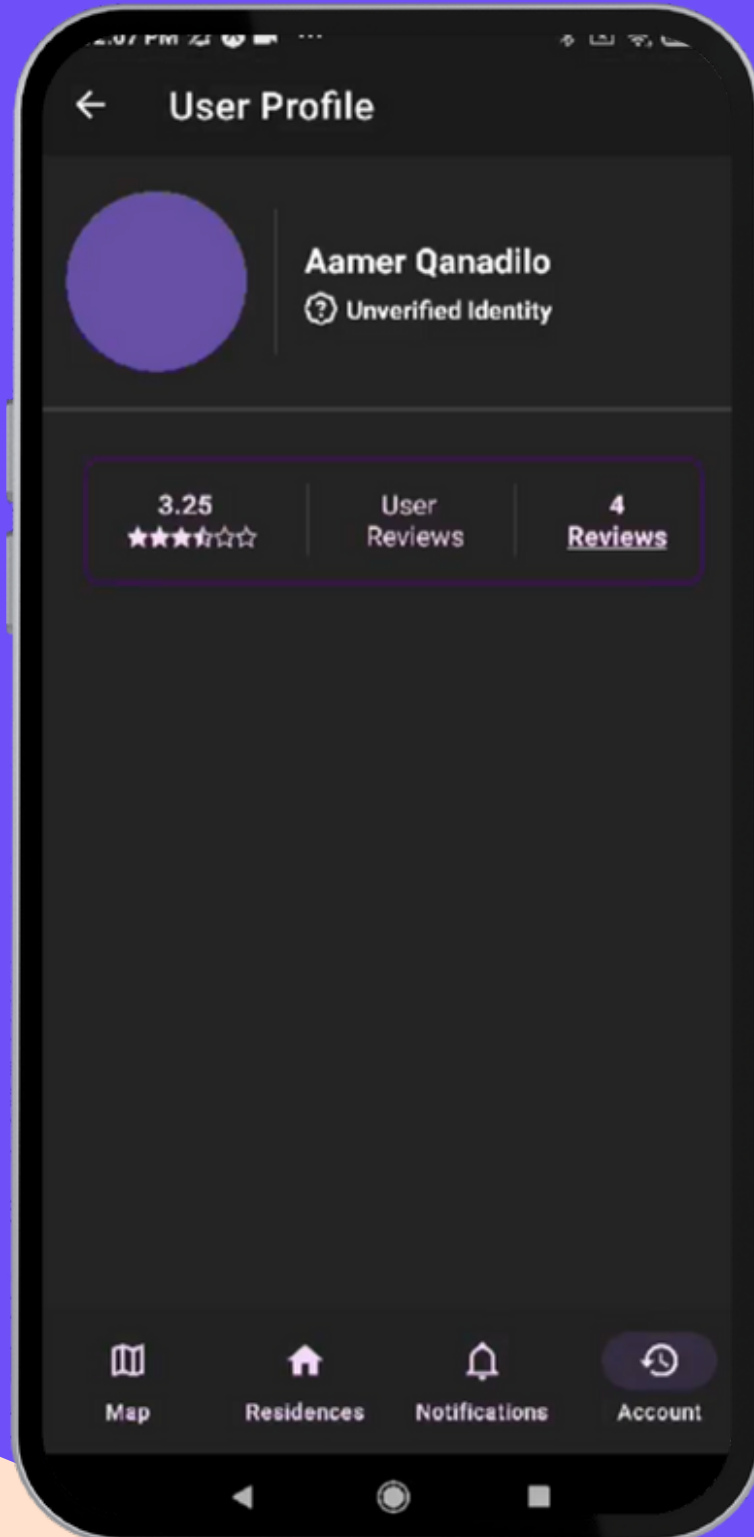
Nablus

US\$212.50 / Night

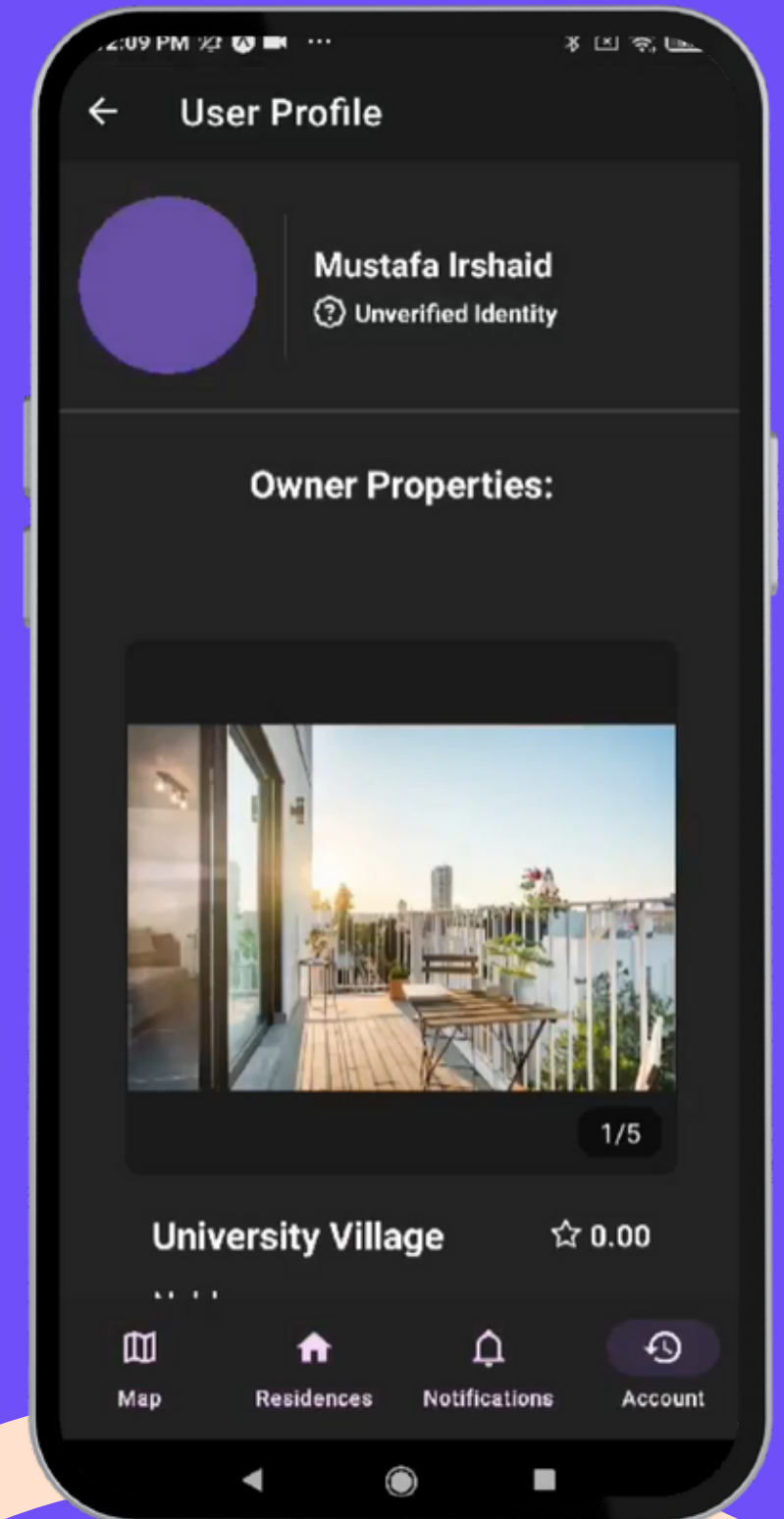
Map Residences Notifications Account

USER PROFILE

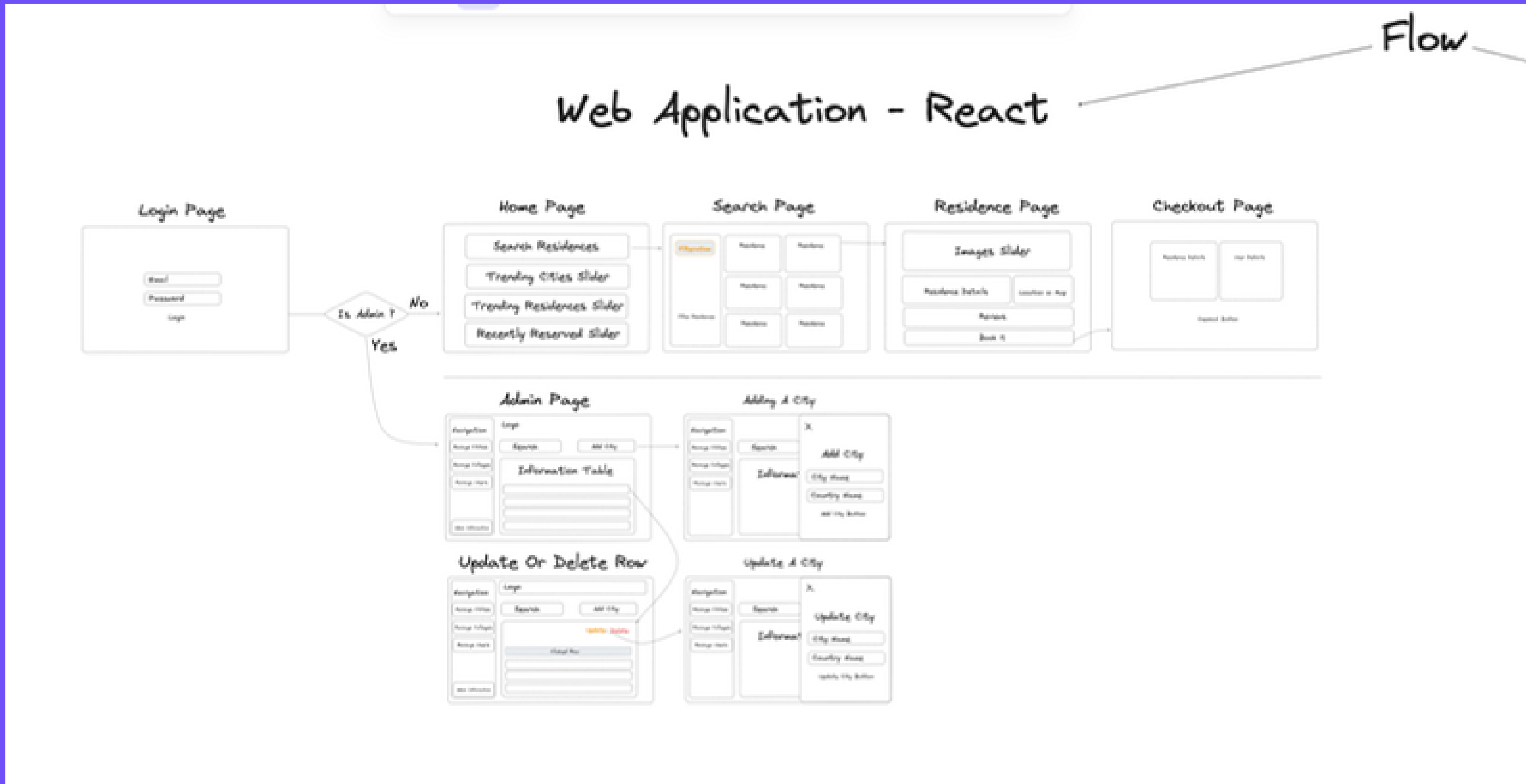
Student role



Owner role



WEB APP UX FLOW CHART



REGISTRATION

LOGIN

Sign In Hello there!

Email

password

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

SIGNUP

Sign Up Hello there!

Name

Email

password

Confirm Password

Already have an account ? [Sign In](#)

ADMIN MAIN PAGE

MANAGE CITIES

PCR Palestine Campus Residences

Search... Add City

Manage Cities

ID ↑	Name	Country
65b7ddb191ba597684cf0be	Nablus	Palestine
65b7ddd5191ba597684cf0c1	Ramallah	Palestine
65b7dde5191ba597684cf0c4	Jerusalem	Palestine
65b7ddf191ba597684cf0c7	Jenin	Palestine
65b7de21191ba597684cf0ca	Hebron	Palestine

Rows per page: 5 1-5 of more than 5

MANAGE COLLEGES

PCR Palestine Campus Residences

Search... Add College

Manage Colleges

ID ↑	Name	Longitude	Latitude
65b7e381191ba597684cf11d	Al-Quds University	35.2137	31.7676
65b7e39009214dc7483703f4	Al-Quds Open University	35.2137	31.7676
65b7e39509214dc7483703f8	An-Najah National University	35.2043	31.9029
65b7e39c09214dc7483703fc	Arab American University	35.2043	31.9029
65b7e3afa96bc4edbc099657	Bethlehem Bible College	35.207	31.7044
65b7e3b8a96bc4edbc09965b	Bethlehem University	35.207	31.7044
65b7e3c0a96bc4edbc09965f	Birzeit University	35.2034	31.9055
65b7e3c7a96bc4edbc099663	Dar Al-Kalima University	35.2034	31.9055
65b7e3d3a96bc4edbc099667	Hebron University	35.0938	31.5299

Rows per page: 5 1-5 of more than 5

Dark Mode ? **NO PROBLEM !**

ADMIN MAIN PAGE

NAV OPENED

The screenshot shows the 'Manage Cities' page with the navigation menu open on the left. The menu includes 'Cities', 'Colleges', and 'Users'. The main content area displays a table of cities with columns for ID, Name, and Country. A search bar and an 'Add City' button are at the top. The user's name 'Mustafa Irshaid' is visible in the bottom left corner.

ID ↑	Name	Country
65b7ddb191ba597684cf0be	Nablus	Palestine
65b7ddd5191ba597684cf0c1	Ramallah	Palestine
65b7dde5191ba597684cf0c4	Jerusalem	Palestine
65b7ddf191ba597684cf0c7	Jenin	Palestine
65b7de21191ba597684cf0ca	Hebron	Palestine

ADD CITY

The screenshot shows the 'Add City' modal open on the right side of the 'Manage Cities' page. The modal contains a search bar, a list of existing cities, and a form with fields for 'City Name' and 'Country Name'. The 'Country Name' field is pre-filled with 'Palestine'. An 'Add City' button is at the bottom of the form.

City Name:

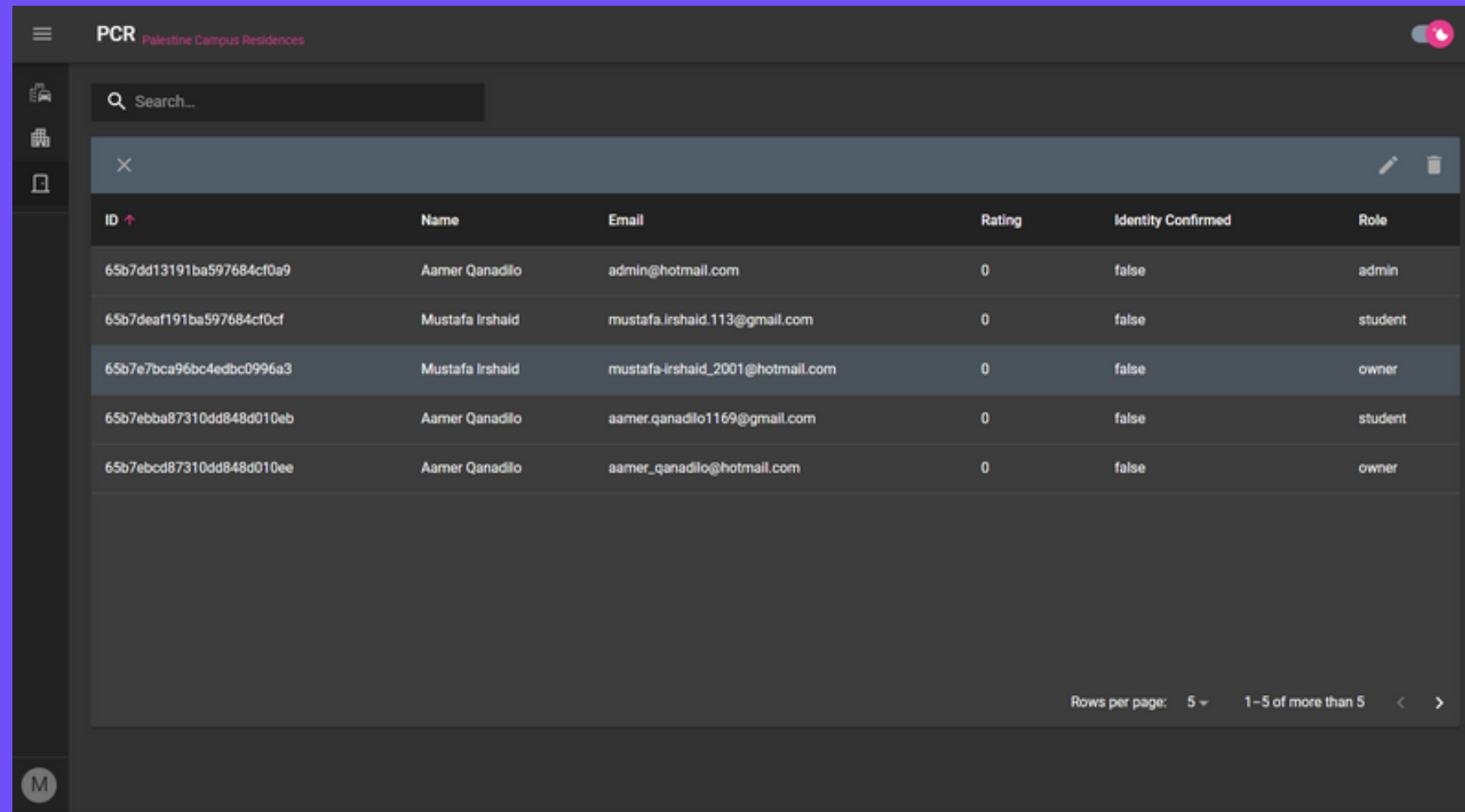
Country Name:

Add City

ADMIN MAIN PAGE

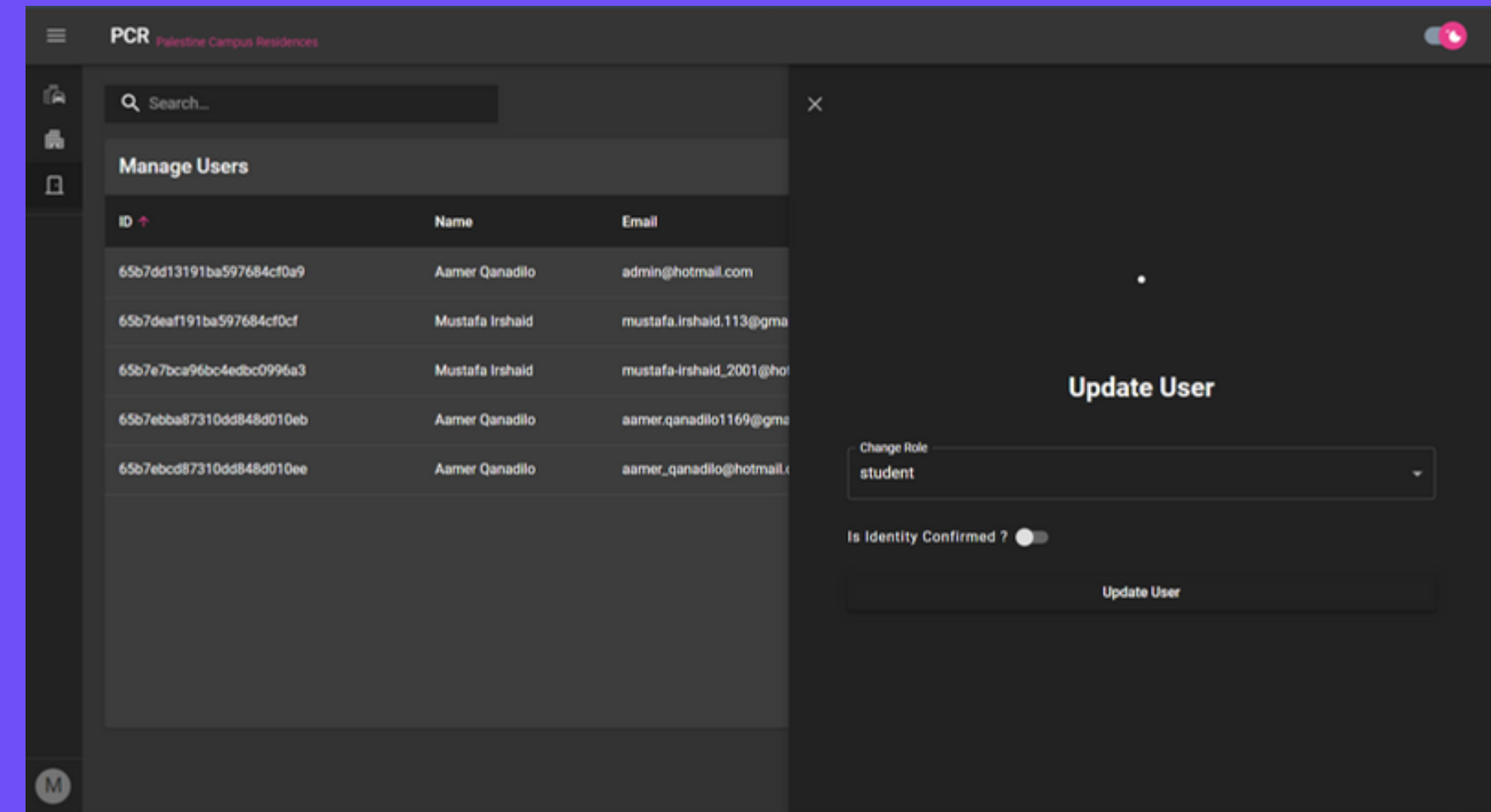
DELETE | UPDATE USER

UPDATE USER



The screenshot shows the Admin Main Page of the PCR (Palestine Campus Residences) system. The page features a dark theme and a sidebar with navigation icons. The main content area displays a table of users with the following columns: ID, Name, Email, Rating, Identity Confirmed, and Role. The table contains six rows of user data. At the bottom of the table, there is a pagination control showing 'Rows per page: 5' and '1-5 of more than 5'.

ID	Name	Email	Rating	Identity Confirmed	Role
65b7dd13191ba597684cf0a9	Aamer Qanadilo	admin@hotmail.com	0	false	admin
65b7deaf191ba597684cf0cf	Mustafa Irshaid	mustafa.irshaid.113@gmail.com	0	false	student
65b7e7bca96bc4edbc0996a3	Mustafa Irshaid	mustafa-irshaid_2001@hotmail.com	0	false	owner
65b7ebba87310dd848d010eb	Aamer Qanadilo	aamer.qanadilo1169@gmail.com	0	false	student
65b7ebcd87310dd848d010ee	Aamer Qanadilo	aamer_qanadilo@hotmail.com	0	false	owner



The screenshot shows the Admin Main Page with the 'Update User' modal form open. The modal is titled 'Update User' and contains a 'Change Role' dropdown menu with 'student' selected. Below the dropdown is a toggle switch for 'Is Identity Confirmed?' which is currently turned off. At the bottom of the modal is an 'Update User' button. The background shows the 'Manage Users' table with the same data as the previous screenshot.

Update User

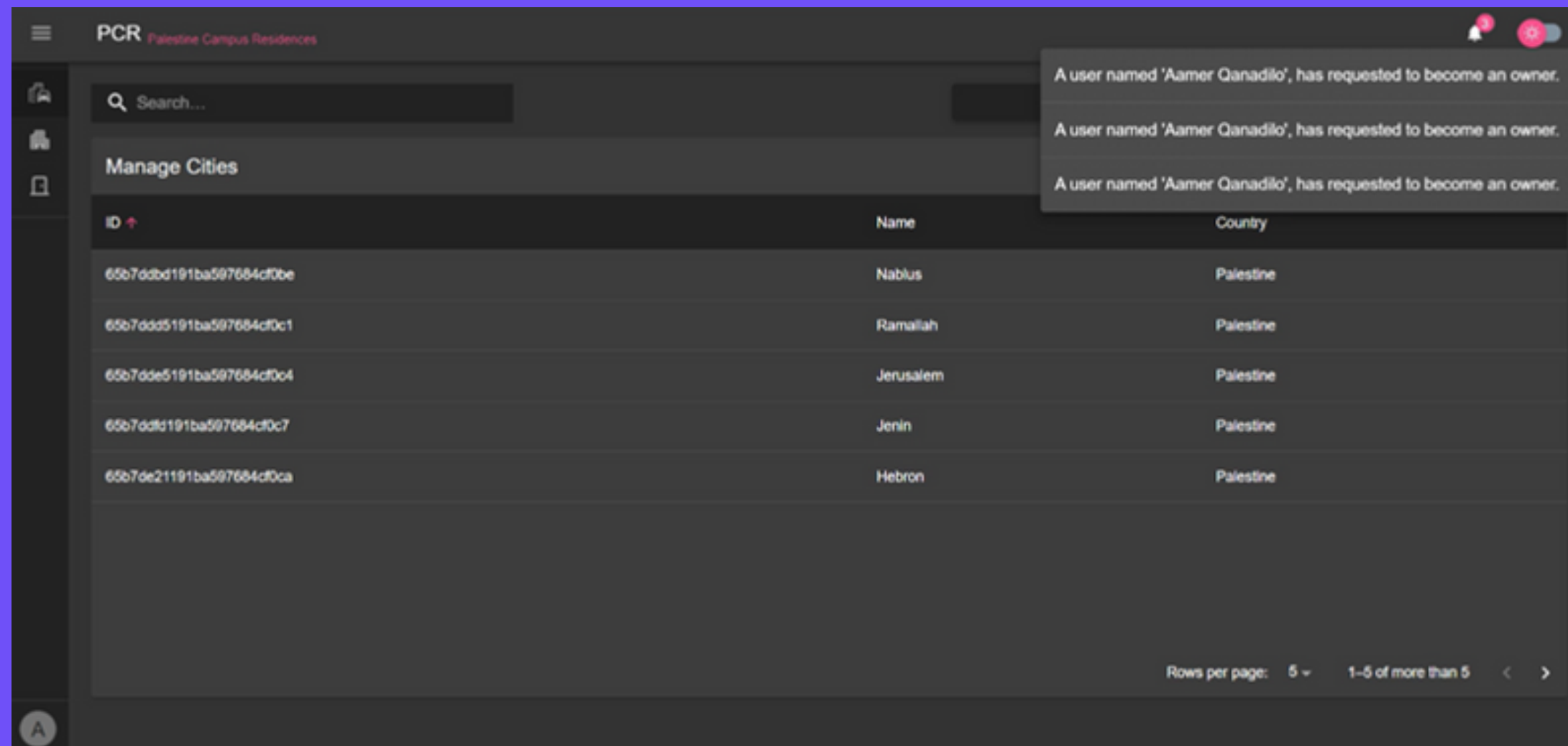
Change Role
student

Is Identity Confirmed?

Update User

ADMIN MAIN PAGE

NOTIFICATIONS



The screenshot displays the Admin Main Page for PCR (Palestine Campus Residences). The page features a dark theme and a sidebar with navigation icons. The main content area shows a table titled "Manage Cities" with columns for ID, Name, and Country. A notification overlay is visible in the top right corner, displaying three identical messages: "A user named 'Aamer Qanadilo', has requested to become an owner." The notification overlay is semi-transparent and has a dark background.

PCR Palestine Campus Residences

Search...

Manage Cities

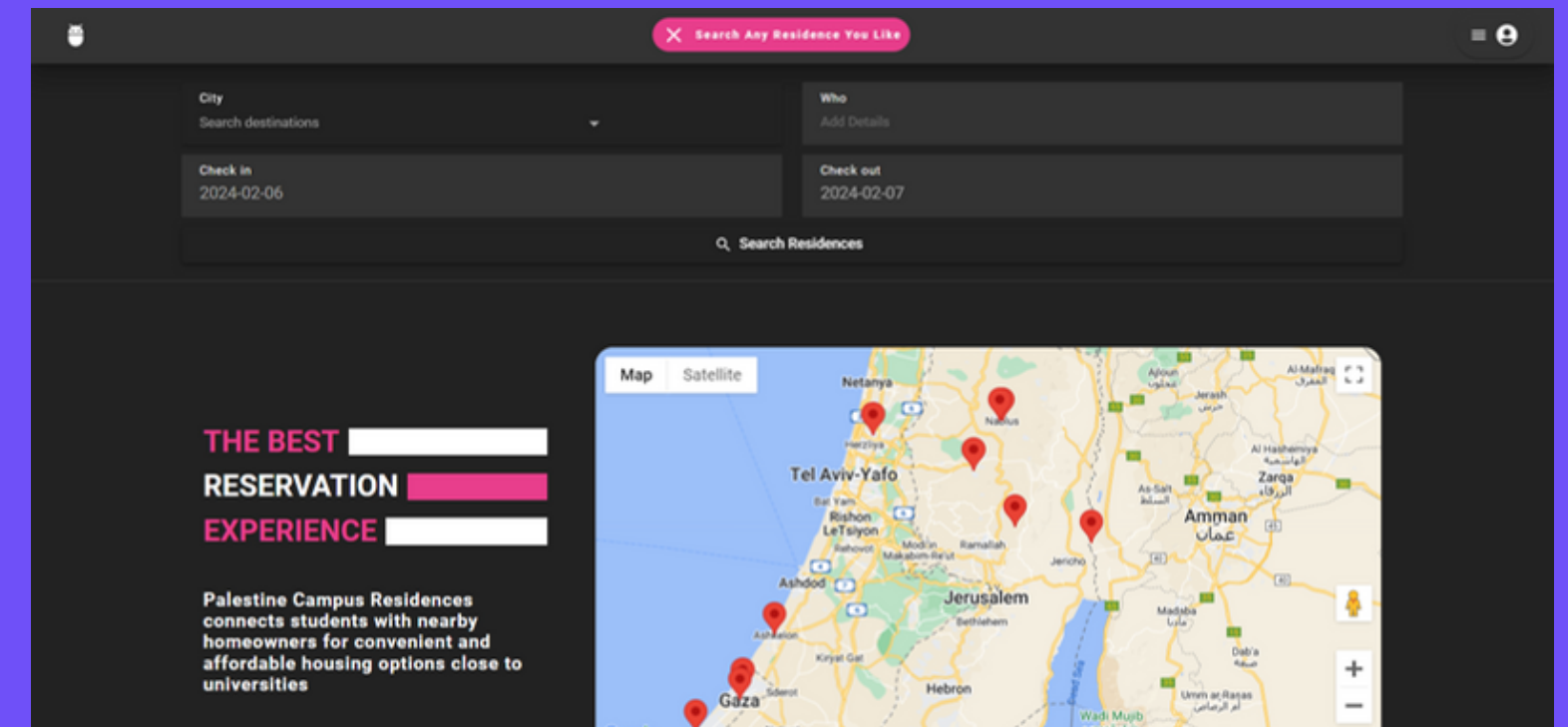
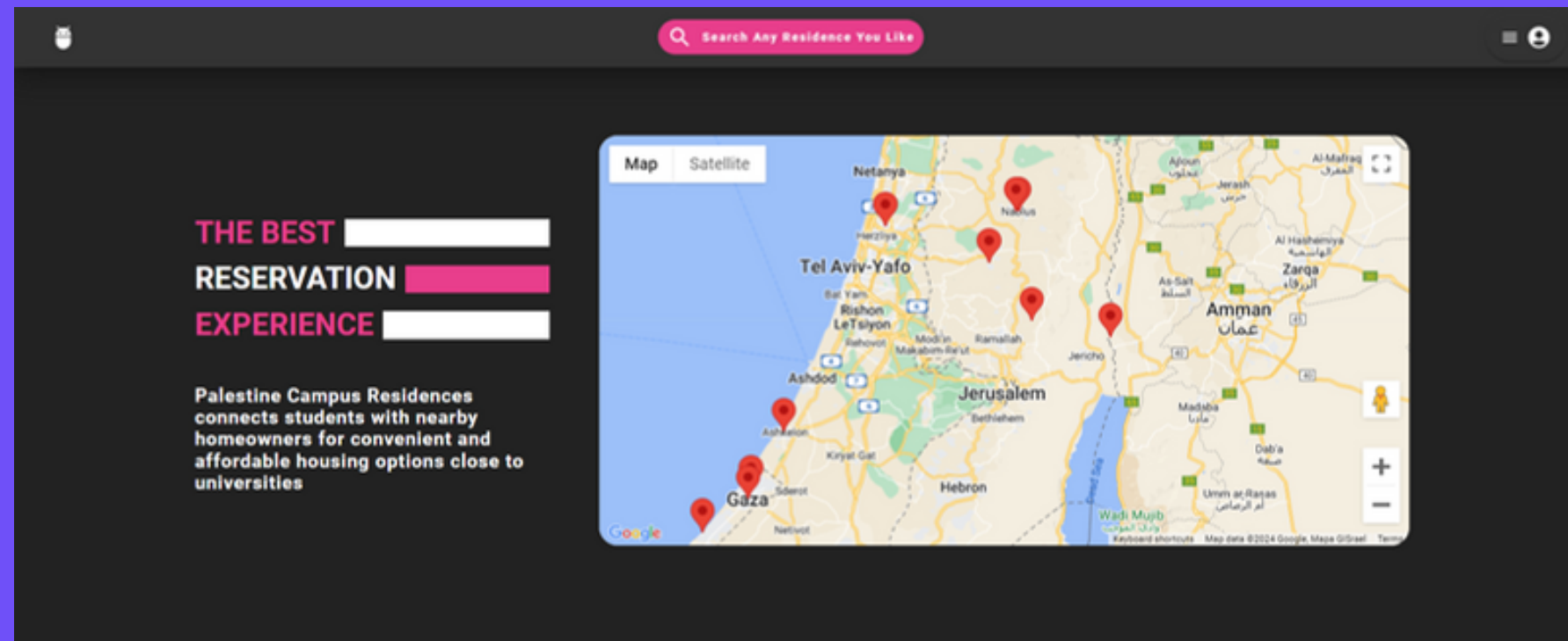
ID ↕	Name	Country
65b7d0bd191ba597684cf0be	Nablus	Palestine
65b7ddd5191ba597684cf0c1	Ramallah	Palestine
65b7dde5191ba597684cf0c4	Jerusalem	Palestine
65b7dd1d191ba597684cf0c7	Jenin	Palestine
65b7de21191ba597684cf0ca	Hebron	Palestine

Rows per page: 5 - 1-5 of more than 5 < >

HOME PAGE

HEADER

SEARCH RESIDENCES

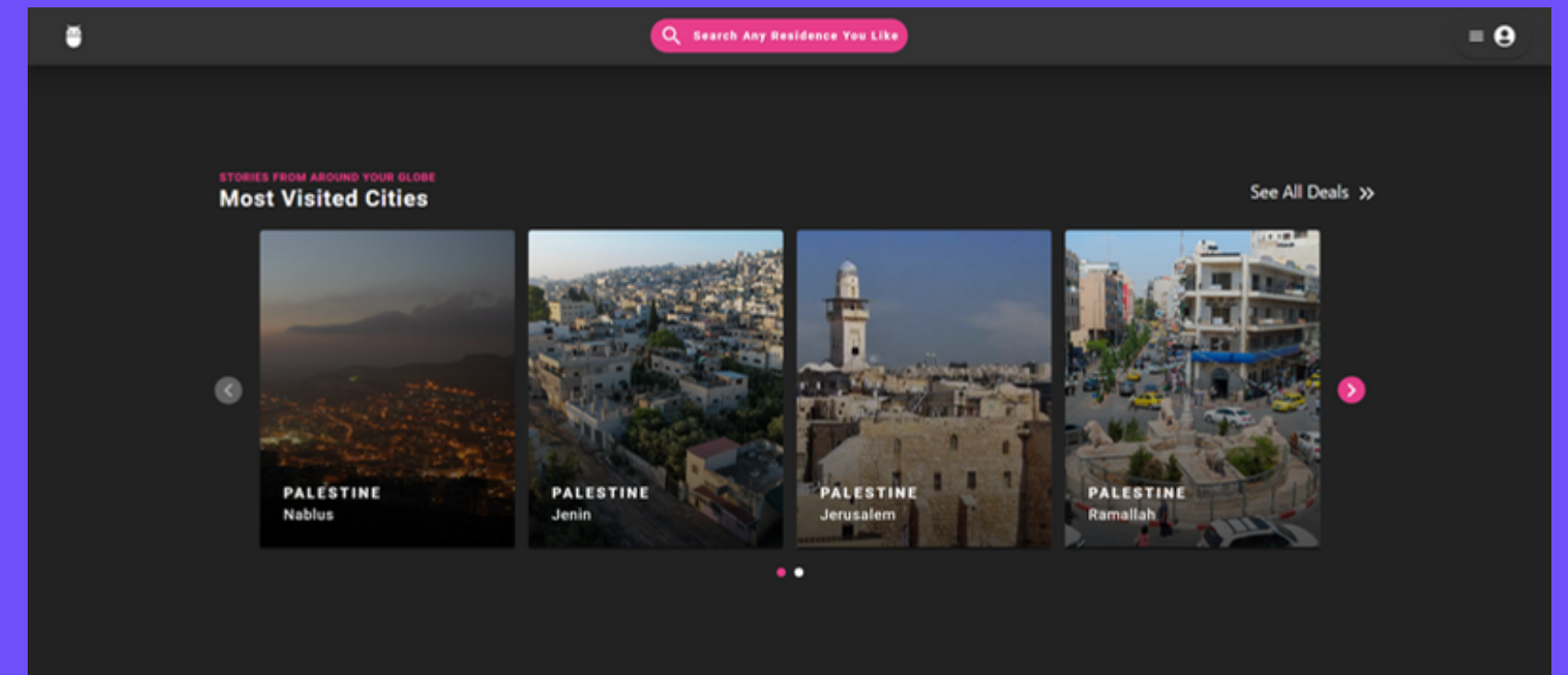
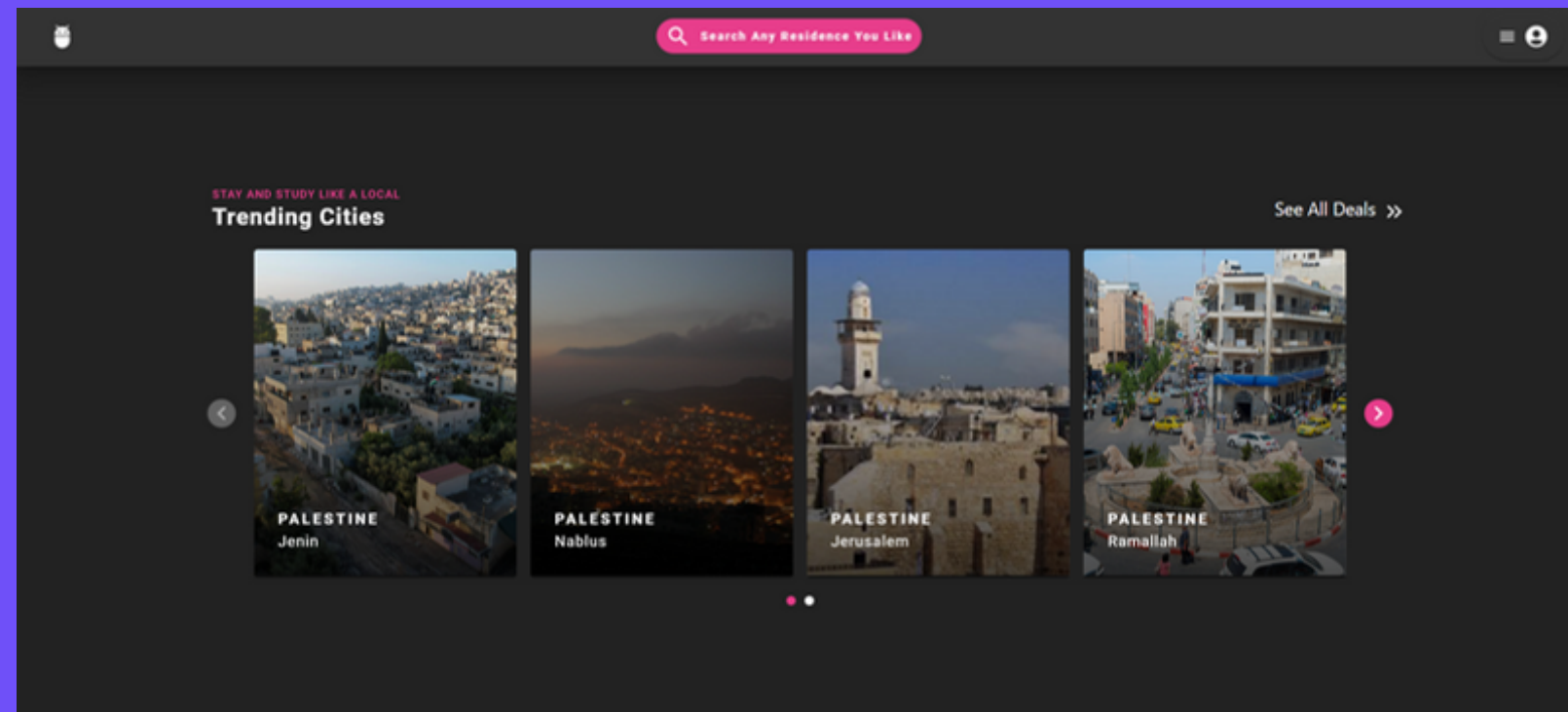


HOME PAGE

(Recommendation system)

TRENDING CITIES

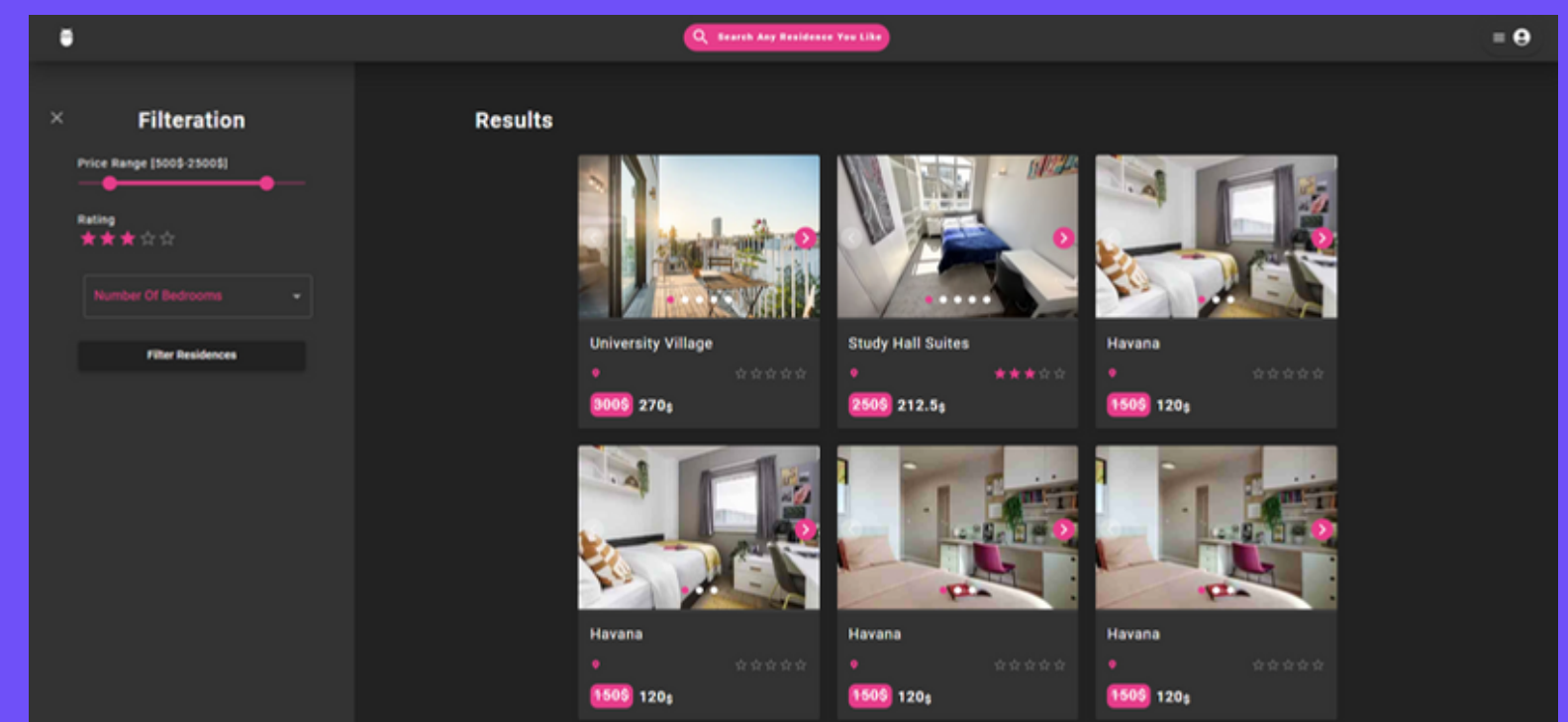
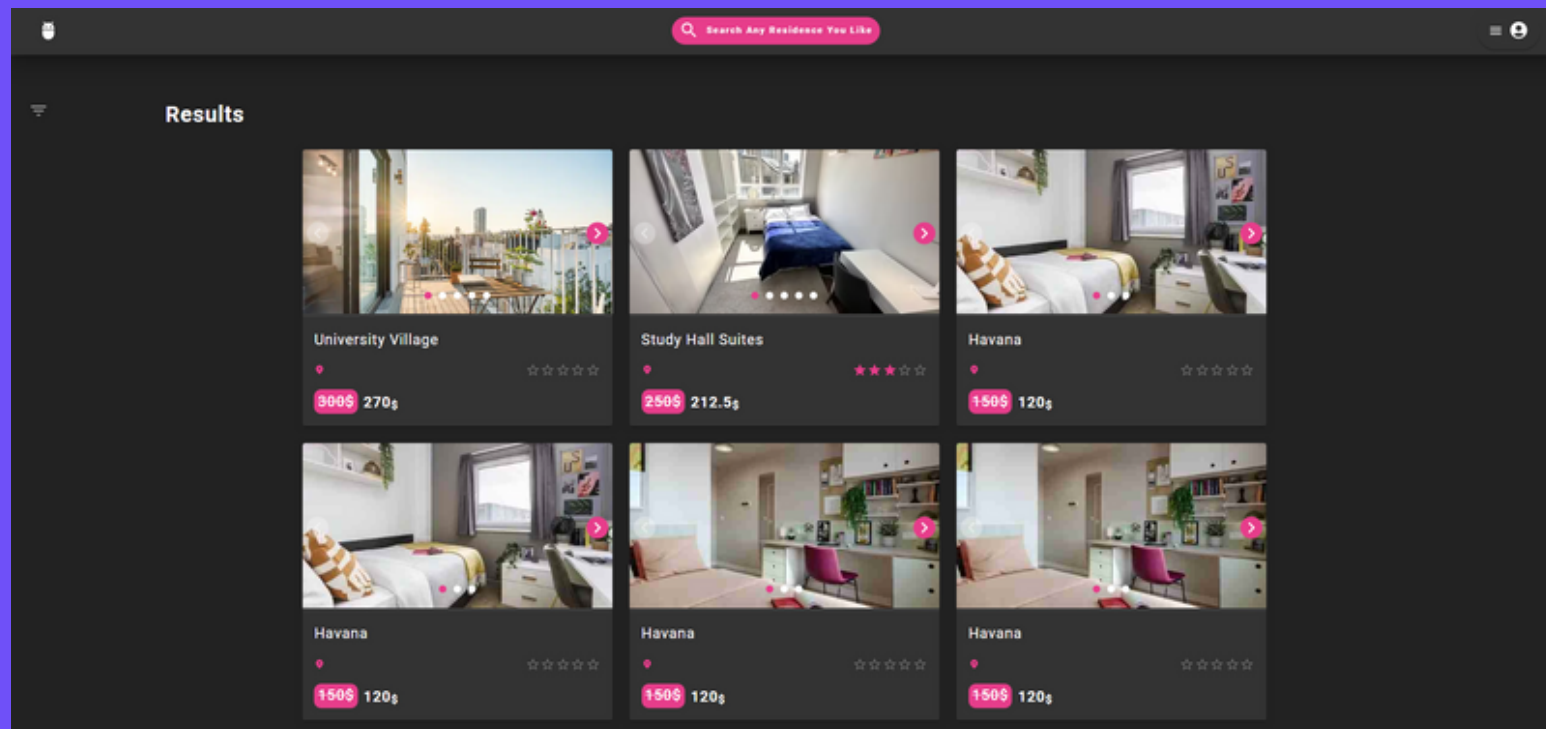
MOST VISITED CITIES



SEARCH PAGE


SEARCH RESULT

FILTRATION SYSTEM



RESIDENCE DETAILS PAGE

Search Any Residence You Like




Havana

Nablus, old Najah street. ★★★★★

Number of Rooms 4


Introducing a charming property located in Nablus, old Najah street.. This property features 6 beds, 4 baths, and 4 bedrooms. With a discounted price of 120, it offers great value for money. Make this your home and enjoy the blend of comfort and convenience.



What this place offers

4 Bedrooms 6 Beds 4 Baths

Reviews

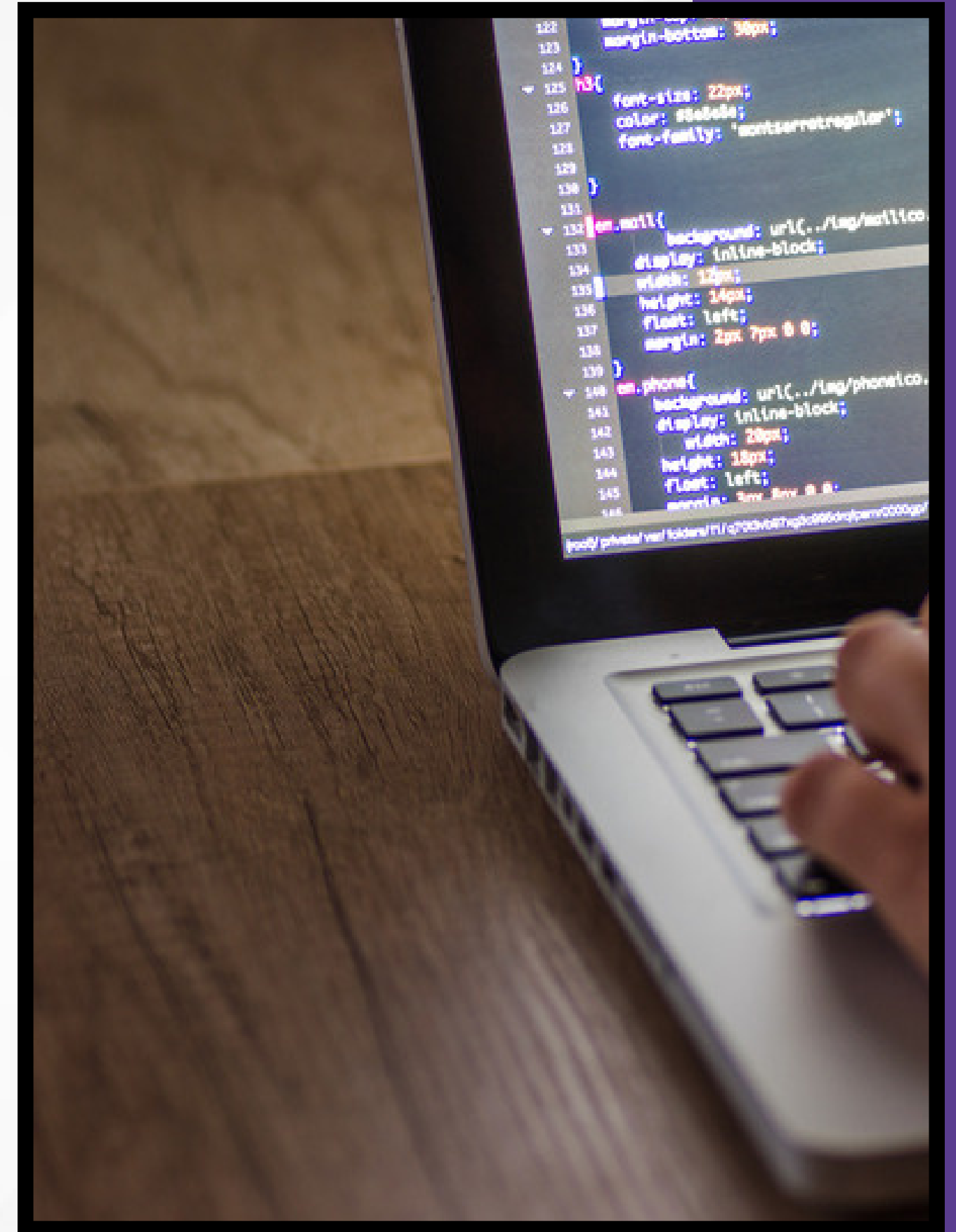

Amer Qanadilo
★★★★★
It was a really good property Experience

Available Properties

Property Name	Price	Rating
University Village	300\$ 270\$	☆☆☆☆☆
Study Hall Suites	250\$ 212.5\$	★★★★☆
Havana	150\$ 120\$	☆☆☆☆☆
Havana	150\$ 120\$	☆☆☆☆☆

FUTURE WORK

- 1- To change the verify identity to be more dynamic.
- 2- Multiple students can share one residence.
- 3- Student can share a post and interact with other students.
- 4- Provide a more suitable and easier ways for payment



THANK YOU

