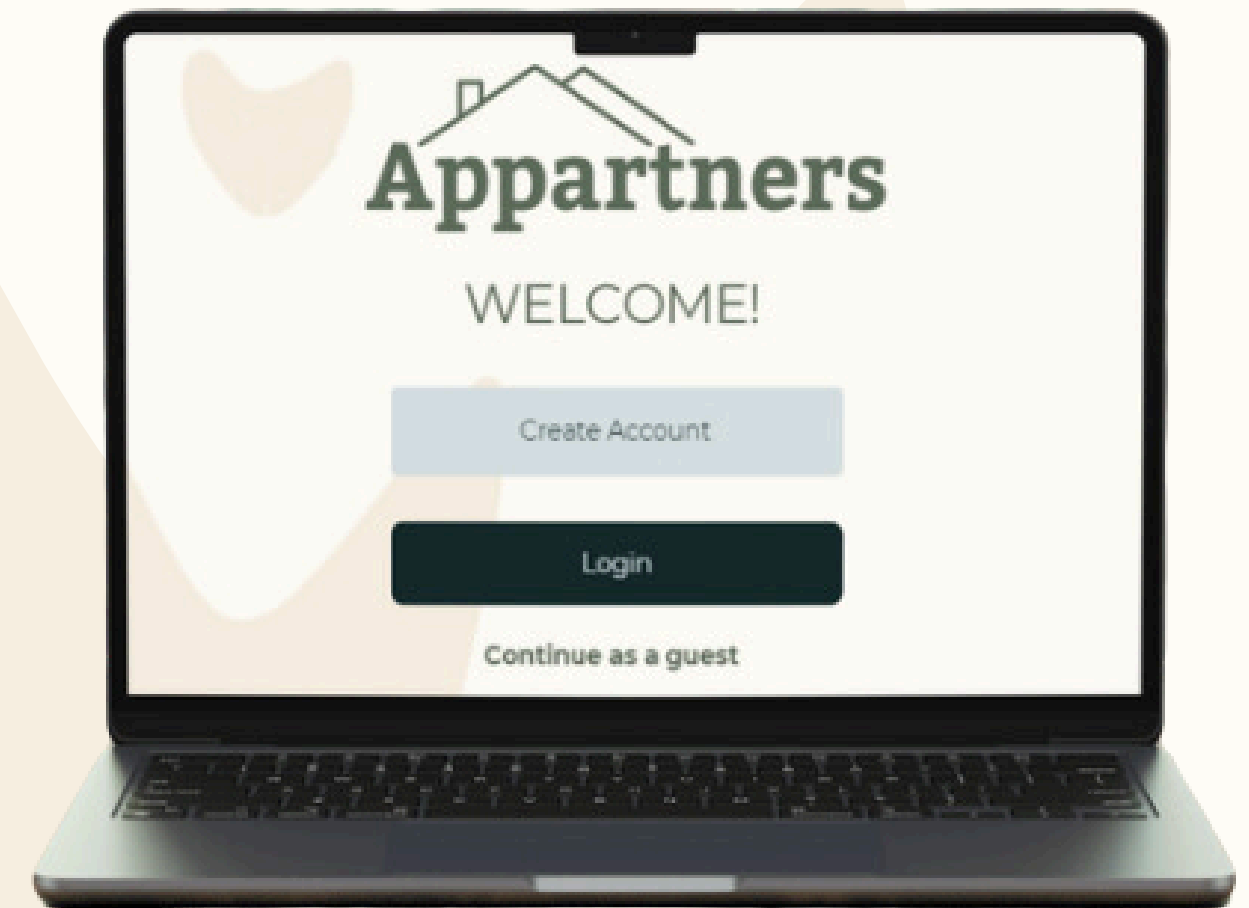# Appartners
By 3D Group

PRESENT

Dolev Avior
Dolev Bar
Daniel Zohar

PROJECT NUMBER

15006006

WORKSHOP NAME

Cloud Computing Workshop with AWS

SUPERVISOR NAME

Yogev Shani

Problem Statement

Searching for a shared apartment in Israel is currently done through social media, word of mouth, and websites designed for whole apartment rentals. These platforms are not well-suited for finding a single room, making the process cumbersome and frustrating.

Target Audience

Our target audience includes young people, particularly students moving to new cities who need affordable accommodation, and individuals who cannot afford to rent an entire apartment on their own.

Our Solution - Appartners

A web application designed to streamline the roommate search process in Israel.
Offers advanced filtering options to match users based on specific criteria / our web offers:

01
Ability to find apartments for several partners

02
Easy-to-manage posts system

03
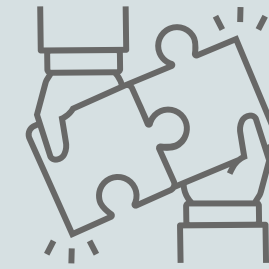Find roommates according to your personality

04
Feature to find apartments nearby

05
Supports both short-term sublets and long - term rentals

Product Overview

Find Roommate

Post Apartment

Find Apartment

Apartments in my area

Product Overview

Appartners

Add new apartment   **Manage my posts**

City	Street
Enter city	Select a city first
Number	Floor
Apartment number	Enter floor

Total Rooms	Apartment Size (sqm)	Available Rooms

Number of Bathrooms	Price (ILS)	Number of Roommates

Parking ☐   Elevator ☐   Balcony ☐

Furnished ☐   Air Conditioning ☐   Water Heater ☐

Mamad ☐   Bars ☐   Accessible ☐

Allow Pets ☐   Keep Kosher ☐   Status

Standard ▼

Entry Date

dd / mm / yyyy

Sublet ☐

Roommate Emails

Enter emails separated by comma

Upload Photos 📷

Bio

Insert short description

Submit   **Cancel**
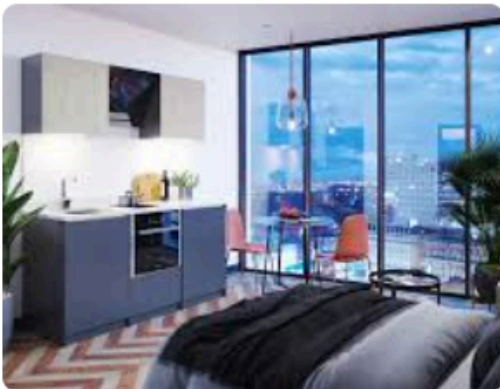
Address: Dizengoff 6, Tel Aviv-Yafo
Price: 4000 ILS

Address: Ibn Gvirol 92 10, Tel-Aviv
Price: 7000 ILS

Find Roommate

Post Apartment

FOR RENT

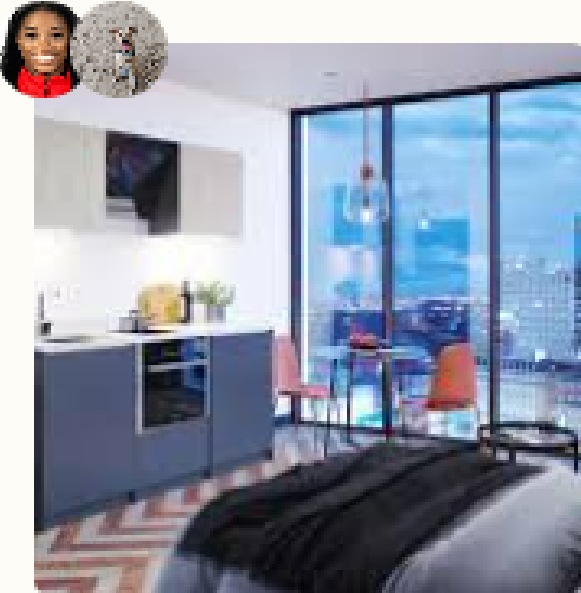**Find Apartment**

Apartments in my area

Product Overview

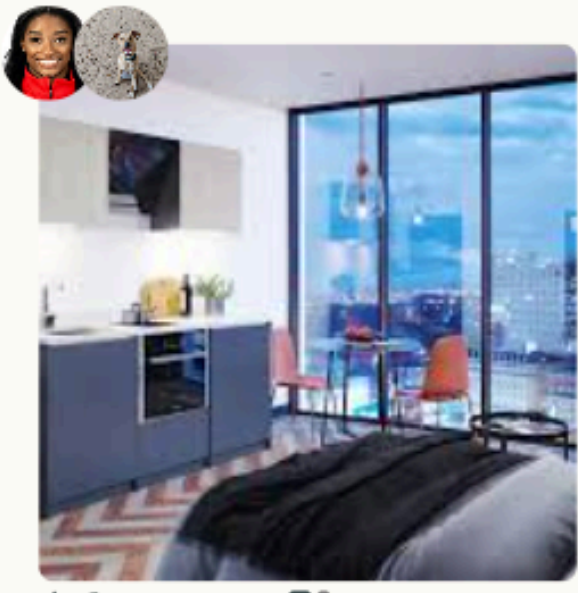
Appartners

Apartment Details

Tel-Aviv, Ibn Gvirol 92 10

Bio:
A really nice apartment in the center of the city!

- 🏠 Long Term
- 🗓 Entry Date: 01/10/2024
- 💰 Price - 7000 ILS
- 🏢 4th Floor
- 🛏 Total Rooms: 3
- 🖥 Available Rooms: 3
- 🚿 Number of Bathrooms: 1
- 🏠 Apartment Size: 70 sqm
- 🐾 Pets Allowed
- 🅿 There Is No Parking
- 🌿 There Is Balcony
- 🛗 There Is No Elevator
- 🛡 There Is No Mamad
- ☀ There Is No Sun Water Heater
- ♿ Not Accessible
- ❄ There Is Air Conditioner
- 🪑 There Is No Bars
- 🌐 Status: standard

Appartners

Show Apartments ▽ ⇅

Tel-Aviv, Ibn Gvirol 92
A really nice apartment in the center of the city!

i ◁

Nes Ziona, minch
nice apartment

Find Roommate

Post Apartment

FOR RENT

Find Apartment

Apartments in my area

Product Overview

Appartners
Find Roommate

Lionel Messi
32, Football

Simone Biles
24, Gymnastics

Yuval Cohen
27, Product Manager

Jack John
38, Hr manager

Daniel Zohar
30, Software Engineer

dolev bar
26, tech

Appartners

Profile

Jack John

Bio:
I am eager to be a part of clean and comfort apartment

Details:
⚥ male
🗓 10/09/1985
🚭 I am not a smoker
✿ I dont eat kosher
👥 I love animals
✈ I have false
💼 My profession is Hr manager
♥ I am inRelationship
✚ My allergies are
🏊 My Hobbies are Swimming

Find Roommate

Post Apartment

FOR RENT

Find Apartment

Apartments in my area

Product Overview

Appartners

Apartments in My Area

Enter city [Search by City]
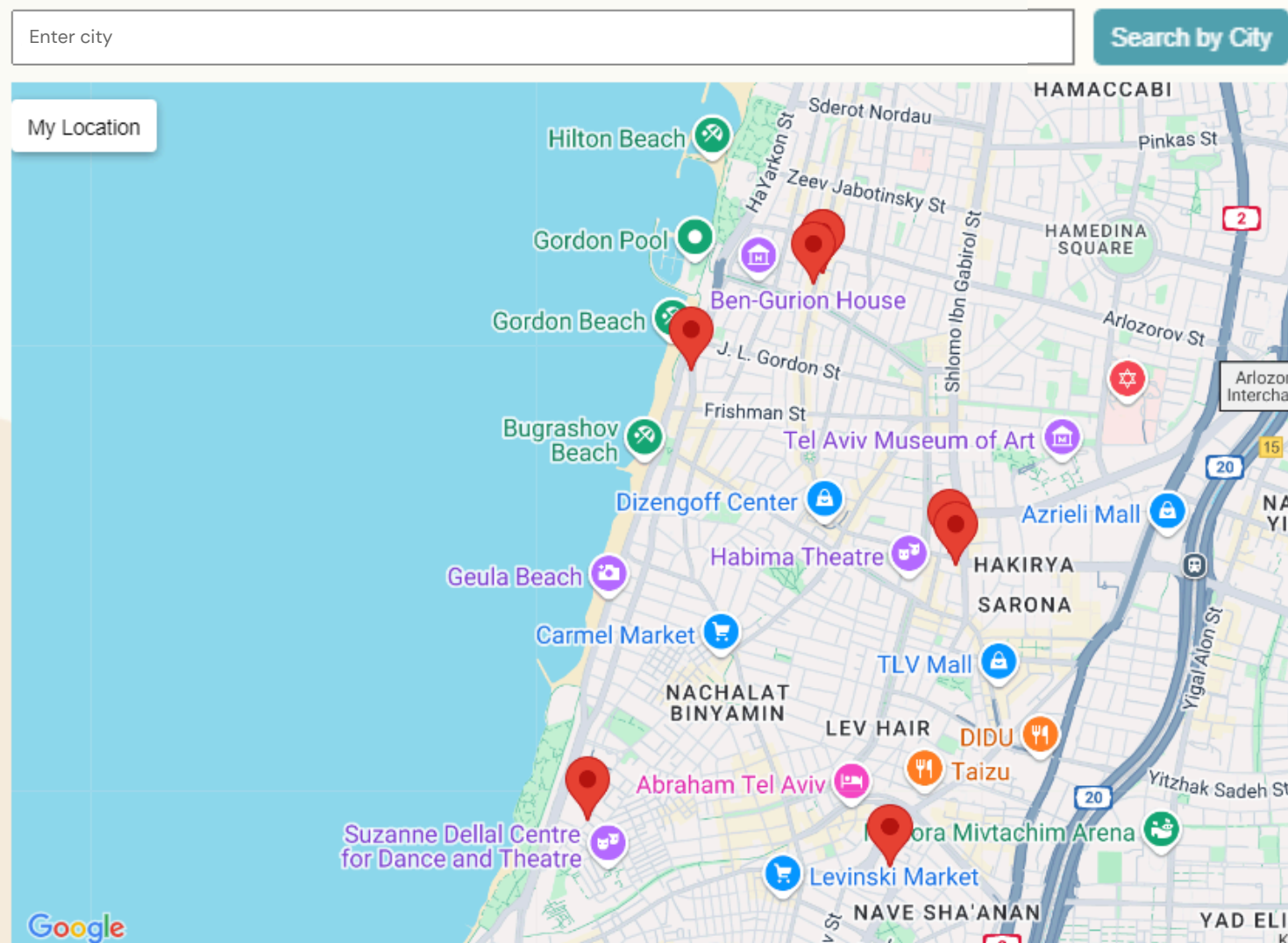
Find Roommate

Post Apartment

Find Apartment

Apartments in my area

System Architecture

A web SaaS application built on cloud architecture, extensively utilizing AWS services.
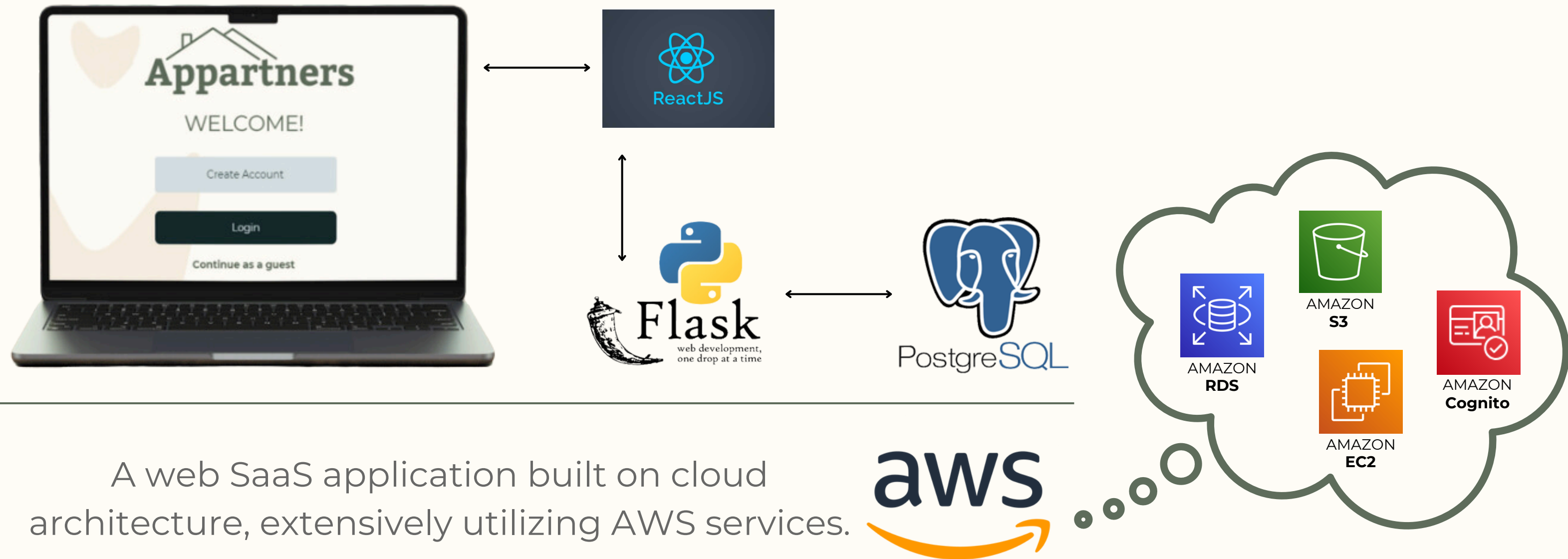
AWS SERVICES

01

EC2

EC2 provides scalable virtual servers in the cloud, allowing us to efficiently run our frontend (React) and backend (Flask) applications with the flexibility to adjust computing power as needed.

02

RDS

RDS simplifies the setup, operation, and scaling of a relational database in the cloud. We use PostgreSQL hosted on AWS servers, managed through the RDS service, to ensure reliable and scalable data management for our application.

03

S3

S3 is an object storage service used to securely store and retrieve data such as images, and other files related to apartment listings in our application.

04

COGNITO

Cognito manages user authentication and authorization, allowing us to seamlessly integrate secure sign-up, sign-in, and access control into our web application.

Market Comparison

Apartment rental sites

- Yad2, Homeless, Madlan
- Great for finding entire apartments but not optimized for roommate search

Appartners

Our Advantage

- Adaptive User Experience
- Group Roommate Search
- Matching Parameters For roommates
- Short-Term Rental Support
- . Market-tailored solution for Israel

Social Media

- Facebook, Instagram
- Disorganized, information scattered, and requires personal connections.

Summary and Conclusions

● ● ● ● ●

Appartners is more than just a platform—it's a revolutionary approach to finding the perfect living arrangements in Israel. By blending advanced technology with a deep understanding of the local market, we've created an intuitive, seamless experience that transforms the traditionally frustrating process of finding roommates into something simple, efficient, and enjoyable. In a world where time is precious and convenience is crucial, Appartners stands out by offering a smart, tailored solution that exceeds the expectations of modern renters. Our platform not only connects like-minded individuals but also provides flexible rental options, empowering users to find their ideal living situation with ease.

● ● ● ● ●

Thank you