



SAKARYA
ÜNİVERSİTESİ

T.C.
SAKARYA ÜNİVERSİTESİ
BİLGİSAYAR VE BİLİŞİM BİLİMLERİ FAKÜLTESİ

BSM447 MOBİL UYGULAMA GELİŞTİRME

REACT NATİVE
OTEL REZERVASYON UYGULAMASI

Github Link:

https://github.com/ersinalcinn/Hotel_Reservation_App

B221210375 – ERSİN ALÇİN – (1A)

B221210376 – ERAY ALÇİN – (1A)

HOTEL RESERVATION APP

HotelReservationApp, kullanıcıların mobil uygulama üzerinden kolayca otel odaları için rezervasyon yapabilmelerini sağlayan bir uygulamadır. Temelde otel odalarını listeleyp beğenme, tarih seçimi yapma ve uygun odaları görüntüleme üzerine odaklanan bu uygulama, aynı zamanda kullanıcıların giriş yaparak kişisel tercihlerini kaydetmelerini ve rezervasyon geçmişlerini takip etmelerini sağlamaktadır.

Özellikler

- **Kimlik Doğrulama (Authentication)**

Firestore Authentication özelliğini kullanmaktadır. Kullanıcılar, uygulamaya giriş yaparak kişisel tercihlerini kaydedebilir ve rezervasyon geçmişlerini takip edebilirler.

- **Yetkilendirme(Authorization)**

Kullanıcı ve admin(yönetici) için özel yetkilendirme işlemleri yapılmaktadır. Kullanıcılar, sadece kendi rezervasyon bilgilerine erişim sağlayabilir ve bu bilgileri güncelleyebilir. Admin, sadece yönetici yetkisi olan kullanıcılara verilir.Firestore kuralları ile yönetilir. Adminler, mevcut odaları listeleme, silme ve ekleme işlemlerini gerçekleştirebilir.

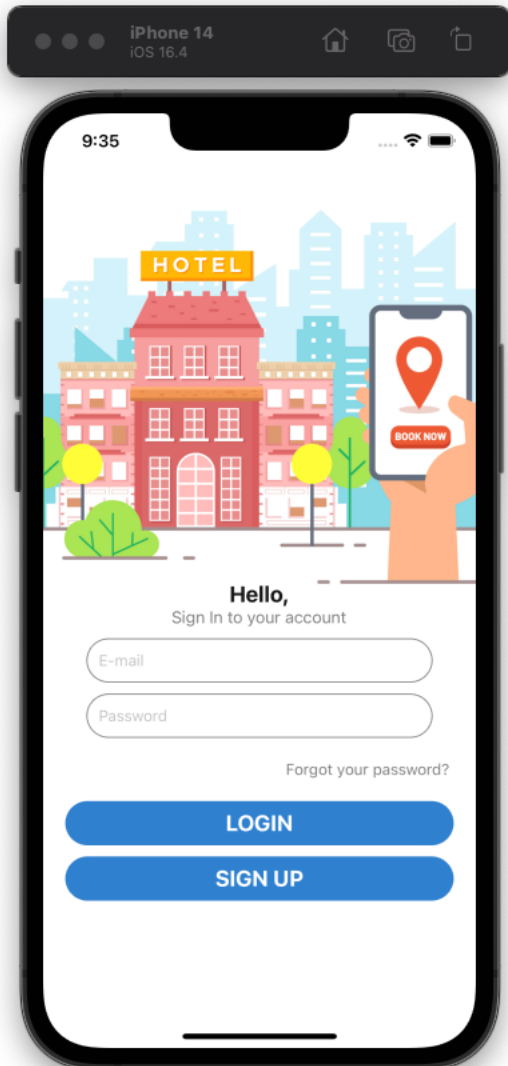
Kullanıcı paneli ile Favoriye alınmış,

- **CRUD İşlemleri**

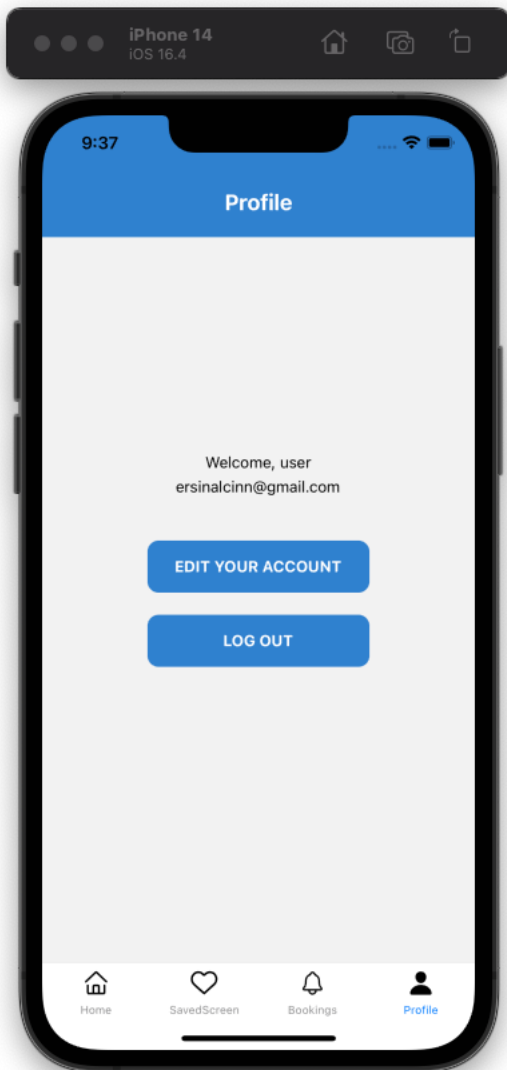
Admin sahip olduğu rol yetkisiyle otel bünyesi içerisinde hesap oluşturmuş olan kullanıcıların bilgilerini görebilir düzeltebilir ve sistemden silebilir. Odalar için ise oda ekleme, silme ve mevcut odanın bilgilerini güncelleme işlemlerini gerçekleştirebilmektedir.

Kullanıcı ise forgot password sayfasını kullandığında şifresini resetleyebilir. Daha sonra mevcut rezervasyonlarını iptal edebilir ve güncelleyebilmektedir.

Login Page



User Profile



Edit Profile

iPhone 14
iOS 16.4

9:37

< Profile

Edit Profile

New Password :

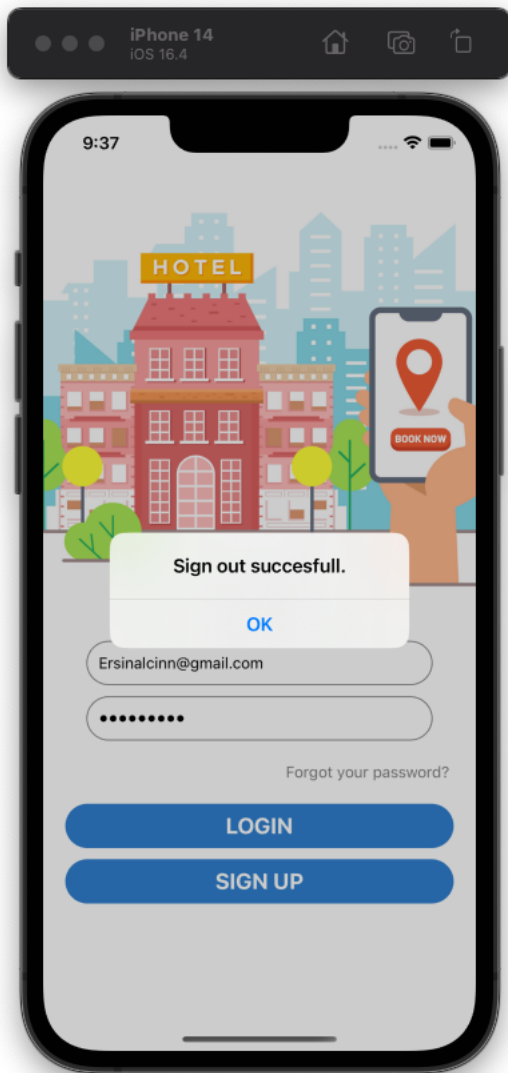
Yeni Şifre

Verify New Password :

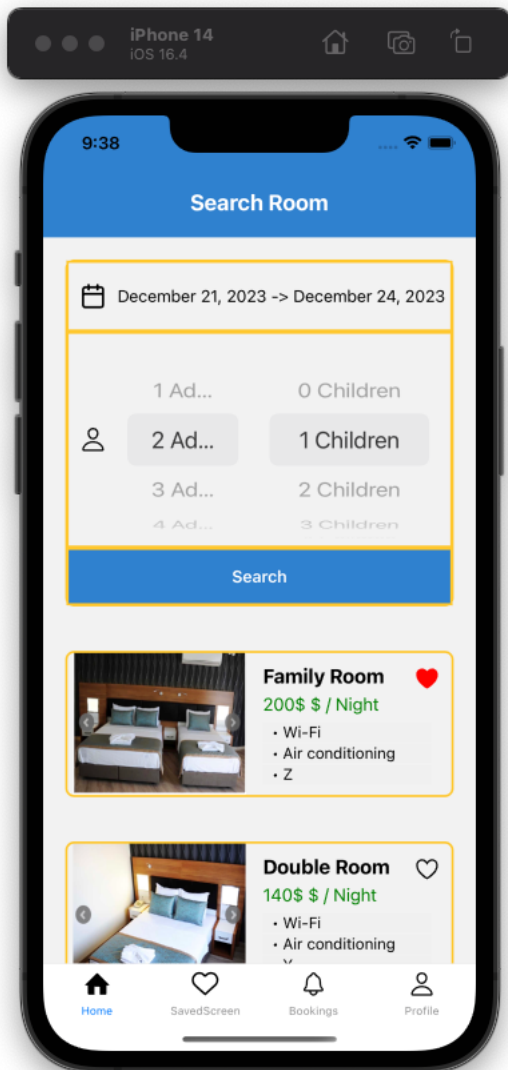
Yeni Şifre (Tekrar)

Change Password

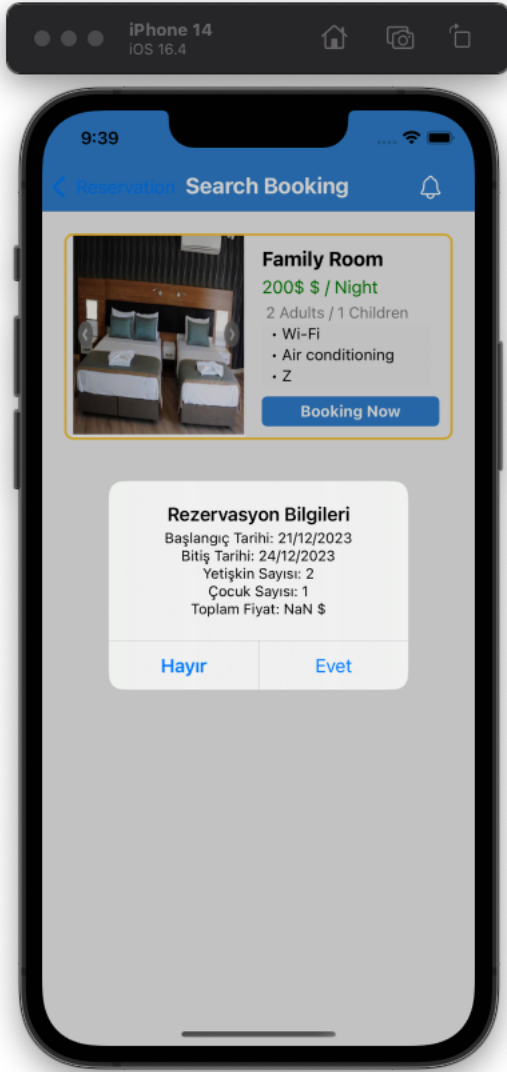
Log Out



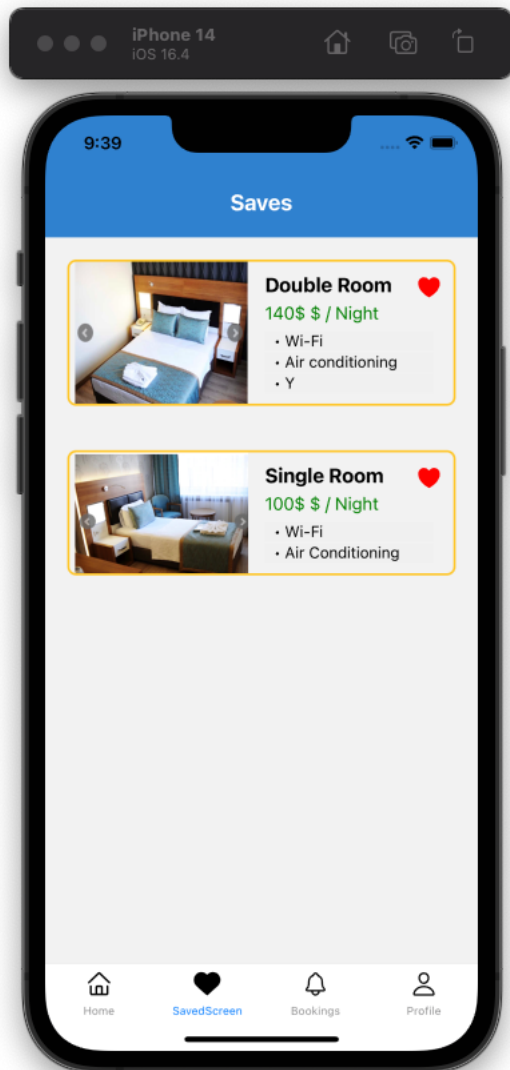
Search Room



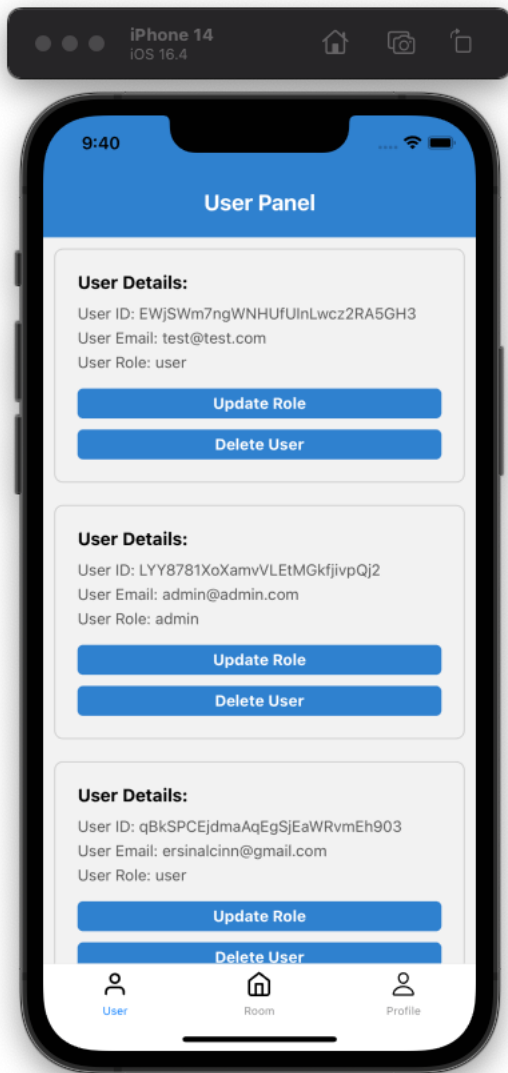
Booking Page



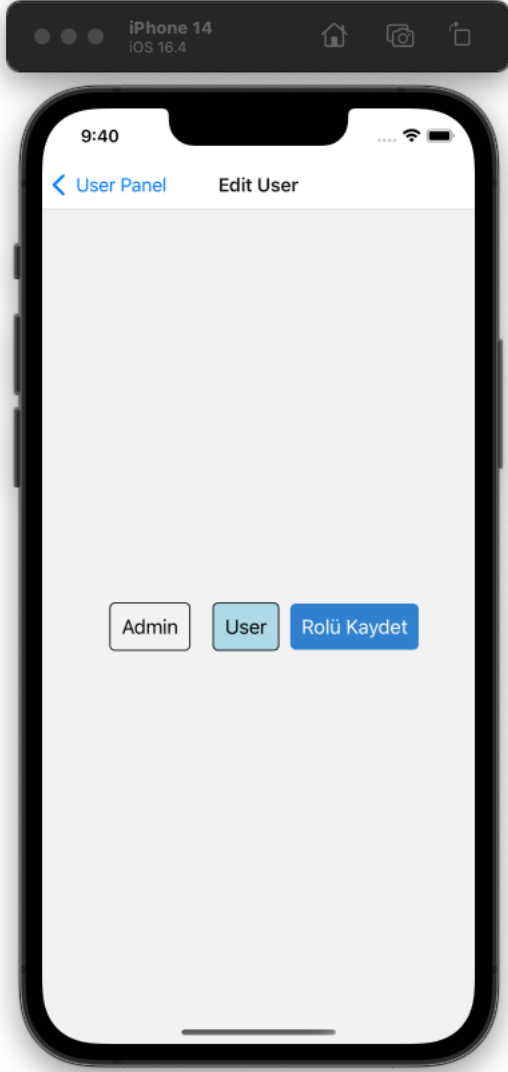
Saved Room



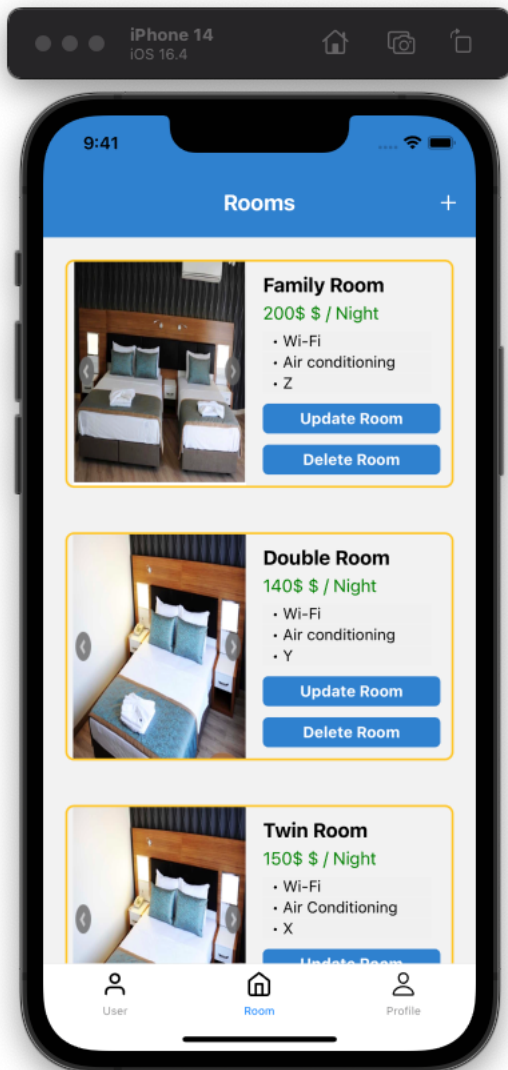
Admin / User Panel



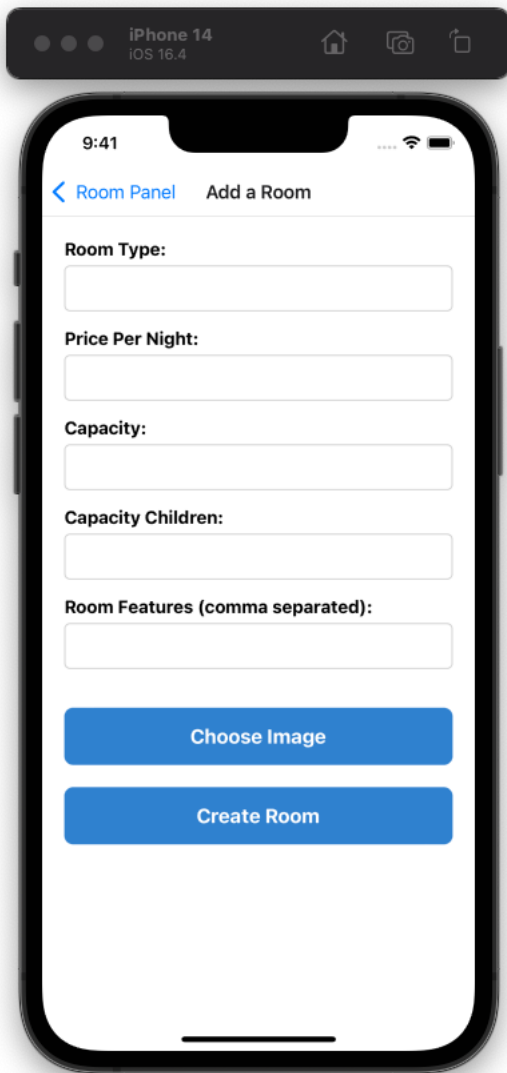
Admin / Edit User Role



Admin / Rooms Panel



Admin / Add Room



The image shows a mobile application interface on an iPhone 14. The status bar at the top indicates the time is 9:41, and the device is on iOS 16.4. The app's navigation bar shows a back arrow, the text 'Room Panel', and the title 'Add a Room'. The form contains several input fields for room details, followed by two blue action buttons.

9:41

< Room Panel Add a Room

Room Type:

Price Per Night:

Capacity:

Capacity Children:

Room Features (comma separated):

Choose Image

Create Room

Admin / Update Room

iPhone 14
iOS 16.4

9:41

< Room Panel Update a Room

Room Type:

Family Room

Price Per Night:

200\$

Capacity:

2

Capacity Children:

1

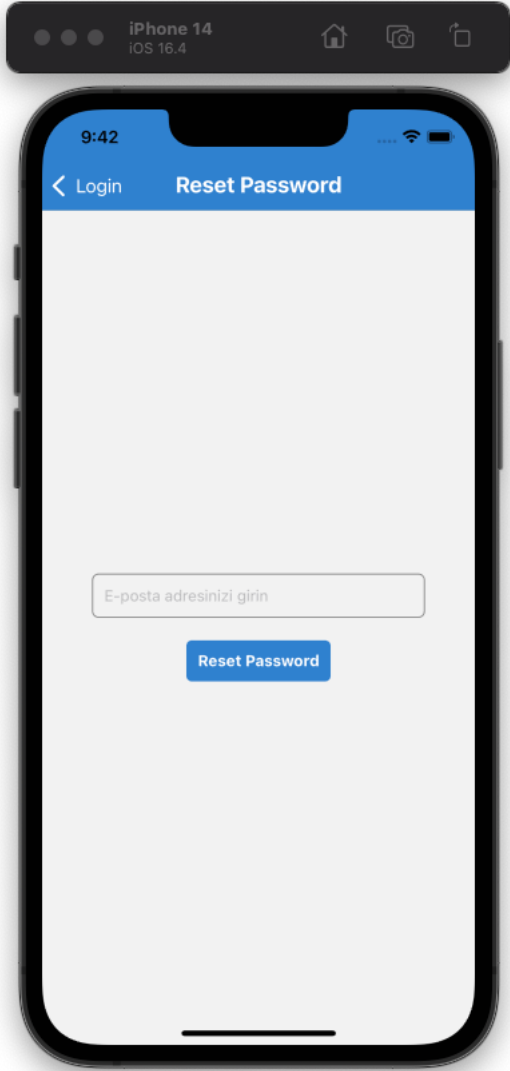
Room Features (comma separated):

Wi-Fi,Air conditioning,Z

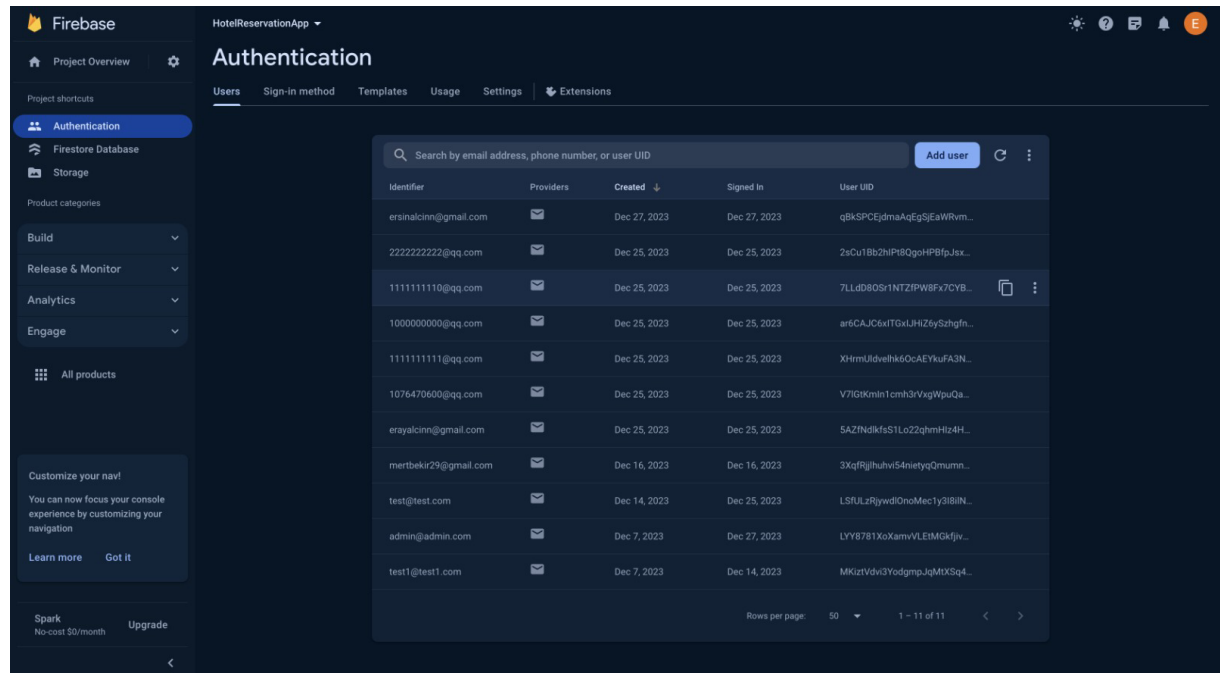
Choose Image

Create Room

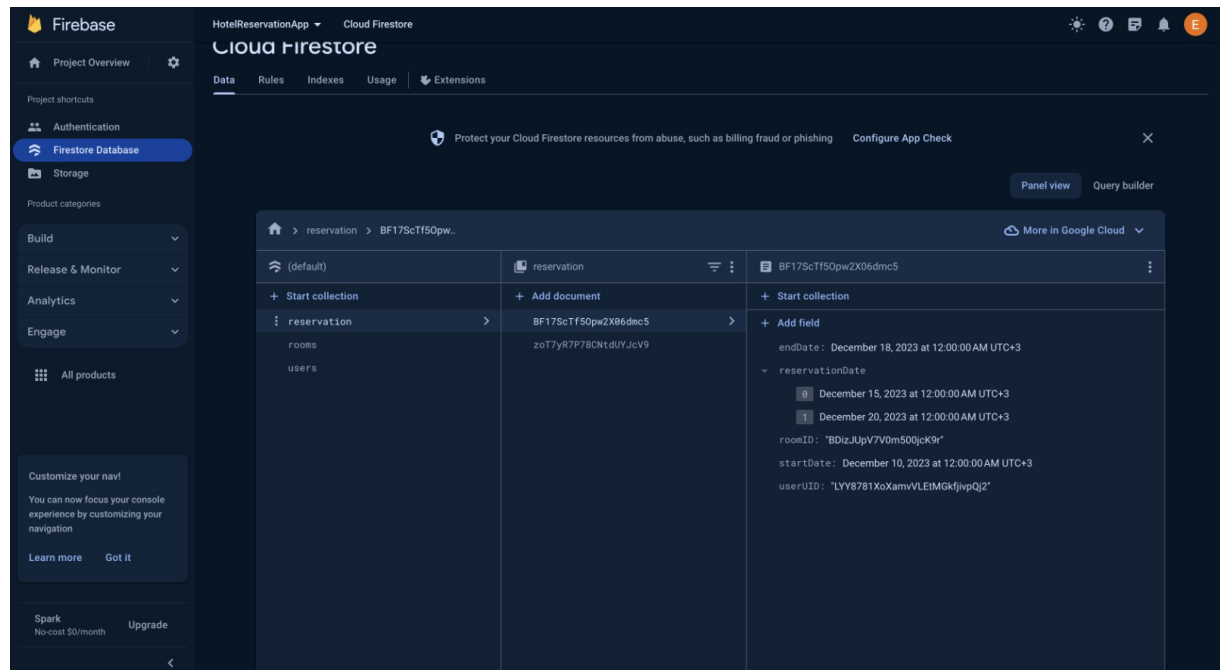
Forgot Password



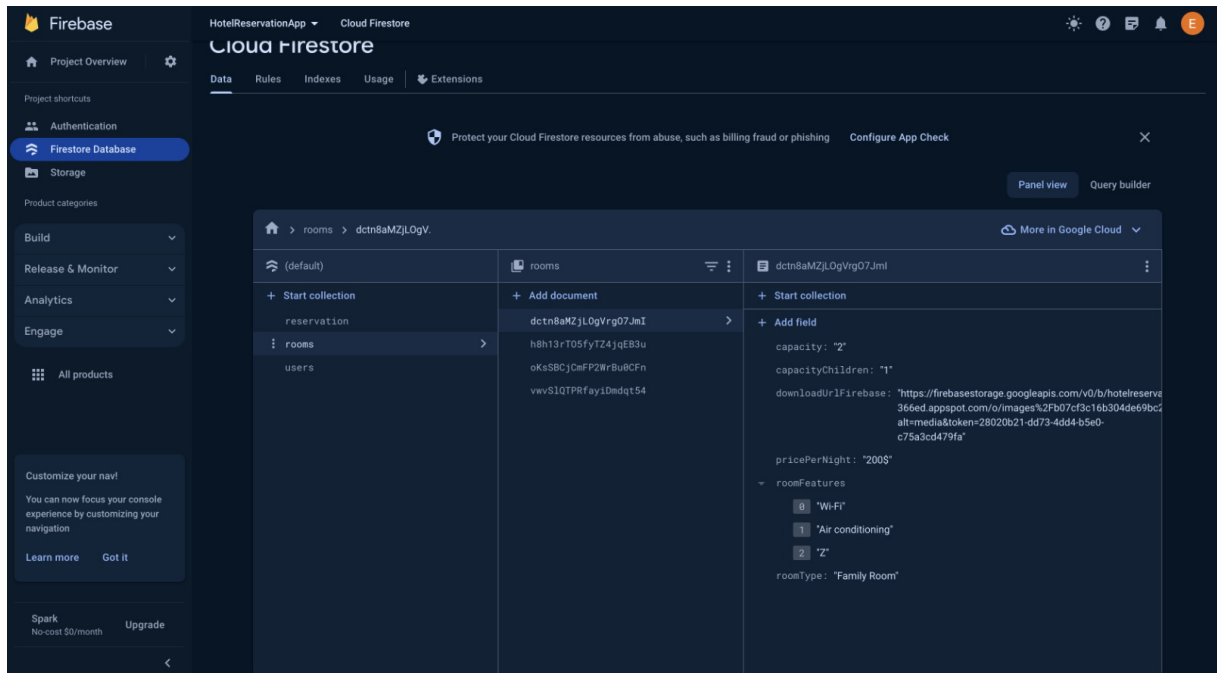
Firestore Reservations



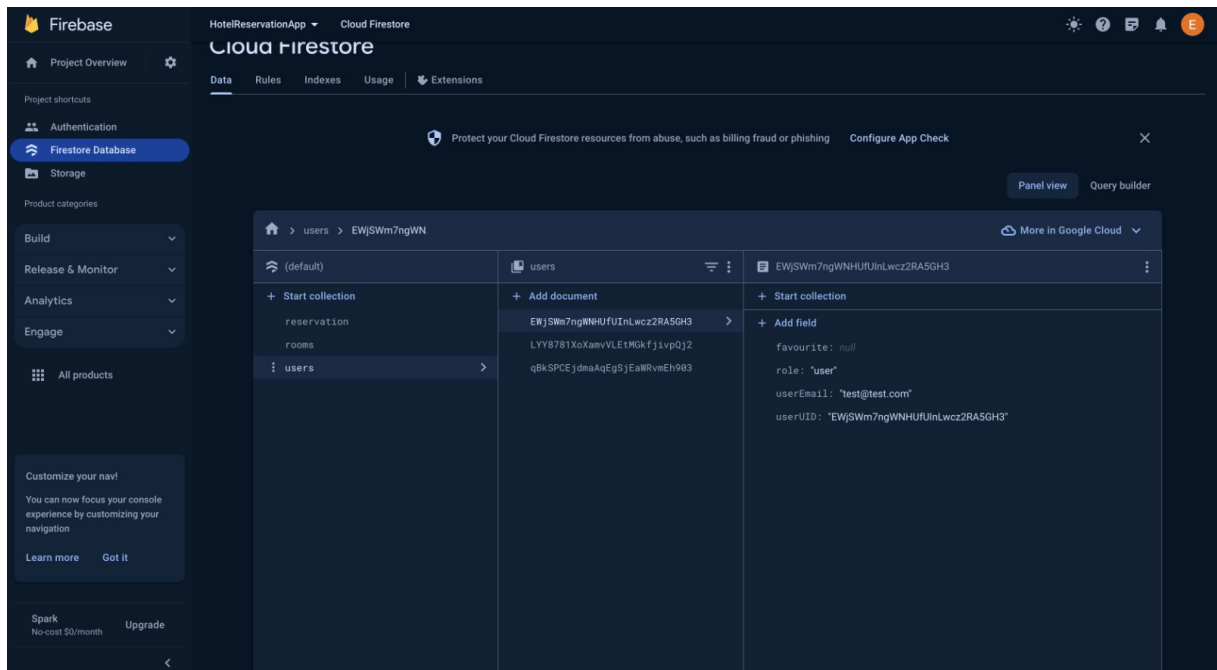
Firestore Reservations




Firestore Rooms



Firestore Users



Firestore Images

 **Firebase**

Project Overview

Settings

Project shortcuts

Authentication

Firestore Database

Storage

Product categories

Build

Release & Monitor

Analytics

Engage

All products

Customize your nav!

You can now focus your console experience by customizing your navigation

Learn more

Got it

Spark

No-cost \$0/month

Upgrade

HotelReservationApp

Storage

Files

Rules

Usage

Extensions

Protect your Storage resources from abuse, such as billing fraud or phishing












Configure App Check

×

gs://hotelreservationapp-366ed.appspot.com

> images

Upload file

<input type="checkbox"/>	Name	Size	Type	Last modified
<input type="checkbox"/>	 0b1f45070ebe48c9aa5a8eabc65390d8	388.24 KB	image/jpeg	Dec 27, 2023
<input type="checkbox"/>	 3d78d9df41ac4400874210bfd5dceb80	40.01 KB	image/png	Dec 10, 2023
<input type="checkbox"/>	 6da7ddeb242f47aa995a44f51006d2f1	257.31 KB	image/png	Dec 25, 2023
<input type="checkbox"/>	 7a875426da7140f185b690dbcd5cc01	334.61 KB	image/jpeg	Dec 27, 2023
<input type="checkbox"/>	 7c8ae5d7096a43b0bc29a46fbcf99192	40.01 KB	image/png	Dec 25, 2023
<input type="checkbox"/>	 7e91b517f624436f9221539dd4aa640	43.28 KB	image/png	Dec 25, 2023
<input type="checkbox"/>	 9088c4166c1c491491077993a9d814ac	13.77 MB	image/jpeg	Dec 27, 2023
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