

Application Management System

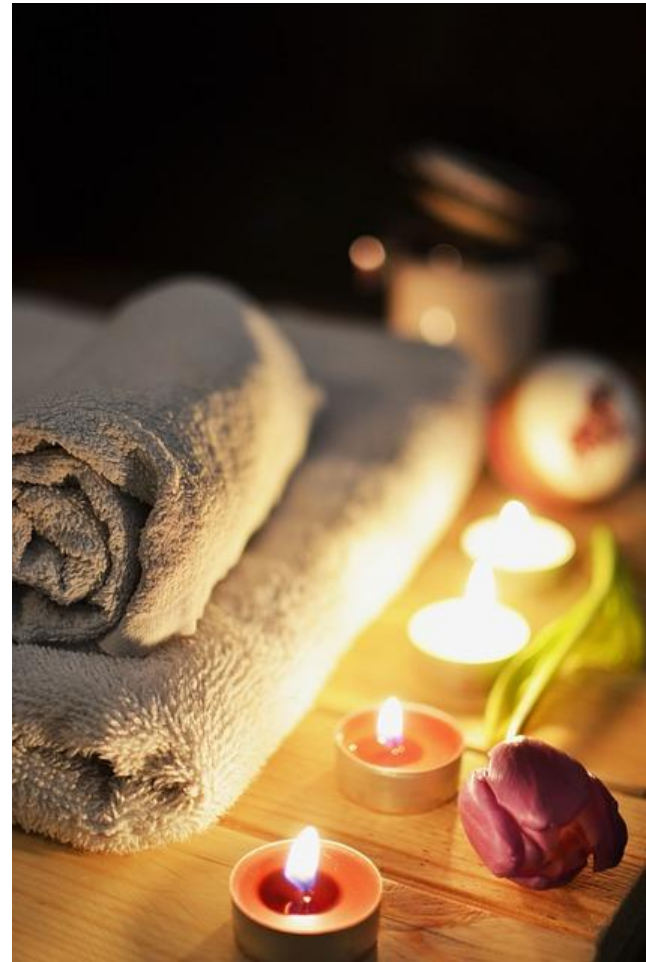
CIS 641: Semester Project
Team: Bidii
Member: Teresia Nduati
Dec 7, 2024



INTRODUCTIONS

Team: Bidii

Teresia Nduati
Full Stack Web Developer



Application Management System

- 1** Challenges: Double bookings, no real-time updates, poor communication.
- 2** Impact: Reduced customer satisfaction, operational inefficiencies.
- 3** Solution: Streamlined scheduling, secure payments, efficient user management.



Application Management System

Key Features

Appointment Scheduling: Clients can browse services, book appointments, and view their upcoming appointments.

Payment Integration: Secure payment processing using Stripe

Admin Dashboard: Create appointment slots



Meeting Project Goals



Stripe Integration



Appointment Booking



Unit Testing

What has changed since midterm?



Admin: Create Appointment Slots

Service: Pre-defined and programmatically added to Firestore through backend scripts

Provider: Pre-defined and programmatically added to Firestore through backend scripts

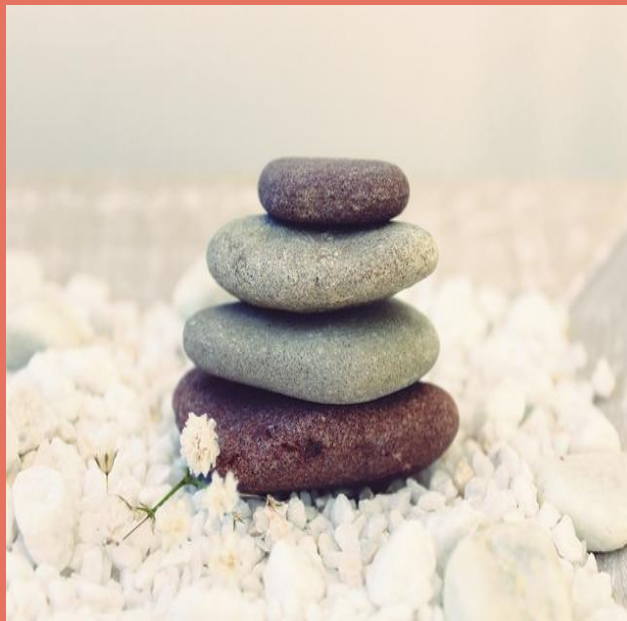
Stripe: Payment intent instead of payment link

Deployment

Front-end: Firebase Hosting

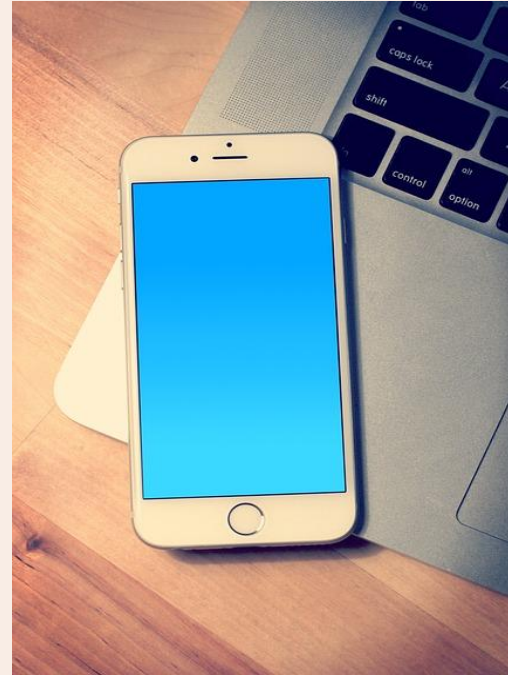
Backend: Heroku

CORS middleware: In Express app
to handle requests from your
Firebase-hosted frontend.



HIGHLIGHTS

DEMO





Thank You!