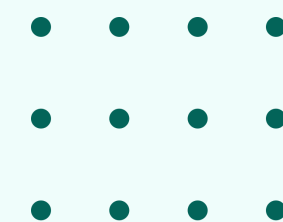


# HOTEL BOOKING WEBSITE

IT3290E - Database Lab

**SLIDE NOW**

Nguyen Chi Long - Dinh Viet Quang  
- Le Xuan Hieu - Ngo Xuan Bach



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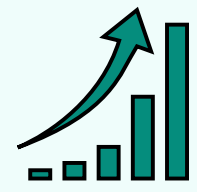
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# 01 INTRODUCTION



## Services

As the demand for tourism is growing, the need to find hotels with high quality rooms and good services is significantly increasing.



## Management

Large amount of data that requires proper management.



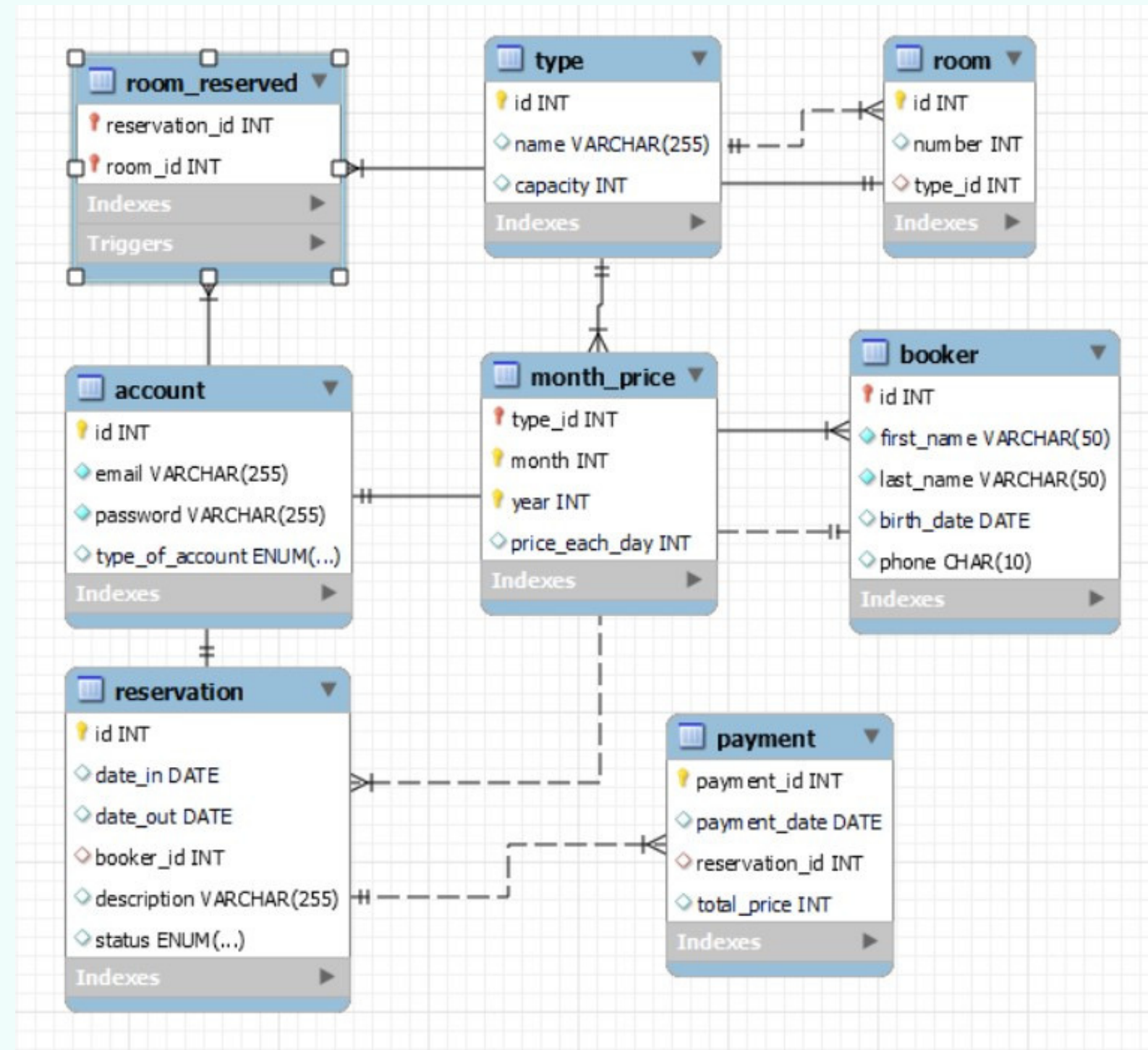
### OBJECTIVES:

"Website for the purpose of providing customers with accurate information about rooms at hotel and how to book online."

# 02 OVERVIEW



# Database Schema



# Technical details



Frontend



Backend

# USER ACCESS

- Authentication: Login - Signup features (with validation).
- Users: Update information, review, room booking status.
- Friendly interface and easy to access.

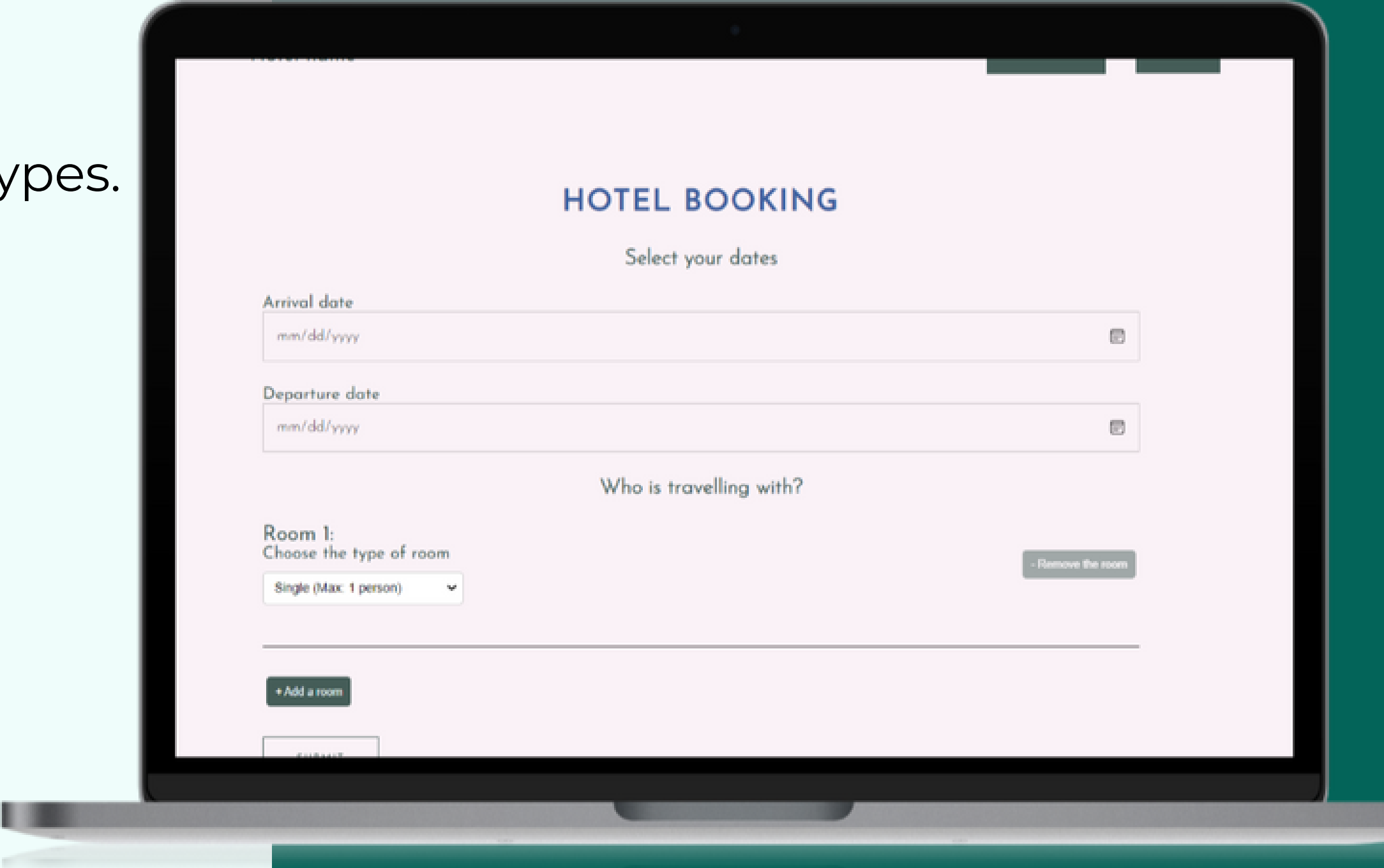




# Booking feature

The most important feature of our website.

- Booking by selecting day and room types.
- Selecting multiple rooms in one booking is allowed (example: 2 single - 1 double - 1 president type).
- All the information must be filled to submit the form.
- A message will be displayed if any room type is no longer available.



**HOTEL BOOKING**

Select your dates

Arrival date  
mm/dd/yyyy

Departure date  
mm/dd/yyyy

Who is travelling with?

Room 1:  
Choose the type of room

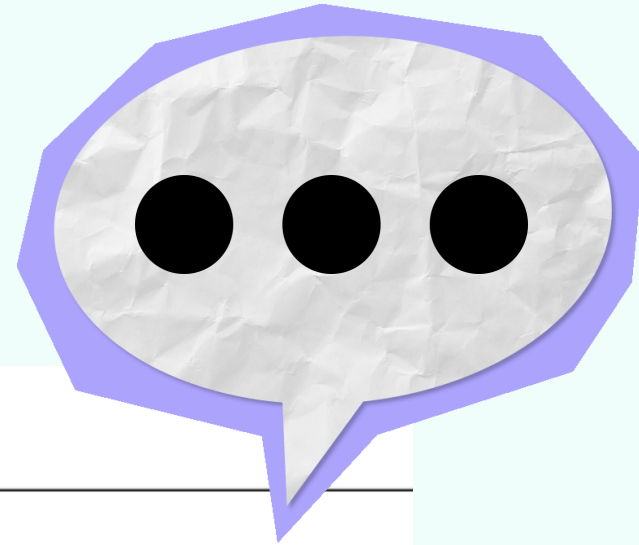
Single (Max: 1 person)

+ Add a room

- Remove the room

SUBMIT

NEXT



Total Purchase

16/02/2023 - 23/02/2023

Your bill

2 Single room(s)	1400 \$
1 Double room(s)	1050 \$
1 President room(s)	2800 \$

The total price: 5250 \$

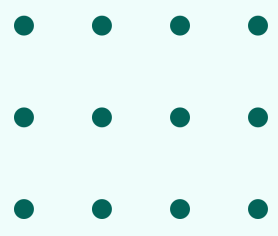
ACCEPT

DECLINE

# Booking Feature

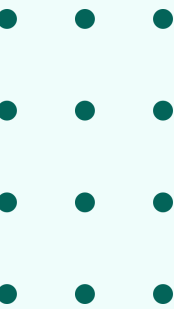
- After choosing room type and date, user will be redirected to choosing room and bill confirmation section.
- The booking price will be calculated based on the room type selected and stay duration.
- Customer can accept or decline the booking.

**ORDER NOW**



# Admin screen

Where the staff can manage the information of the bookings and process data.



## Login feature

- An admin account is provided for staff.
- Only admins can access.



## Reservation

- Staff can approve or decline the reservation.
- Check In and Check Out procedure for customers.



## Search and Edit

- Admin can find information through reservation\_id.
- Change booking status to 'checkin' - 'checkout'



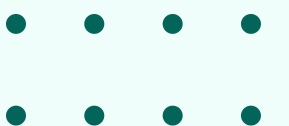


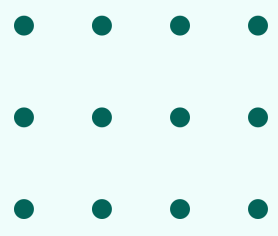
# 03 CHALLENGES - FUTURE PLANS

# The challenges



- The shortage of time to learn new things (eg: new programming languages, design thinking,...)
- The difference in team member's schedule.
- Lack of resources and references.
- Many cases of booking must be taken into consideration.





# Future plans

1

## Expansion and Improvement

Consider expanding the website to reach out for more locations and different types of accommodations such as hotels, or vacation rentals. Breakfasts are also included.

2

## Mobile App

Create a mobile app for the website to make it even more accessible to users on-the-go.

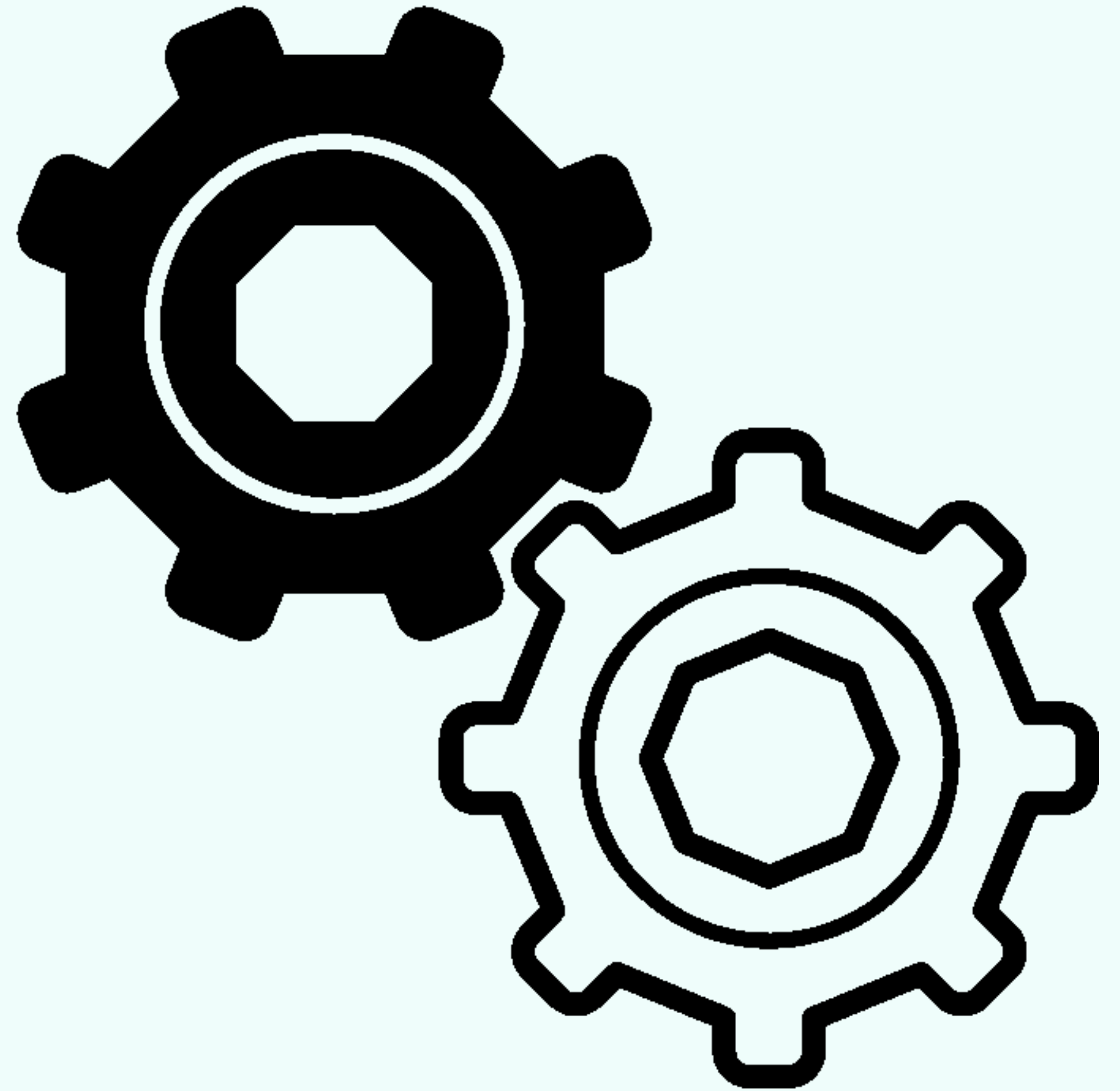
3

## Social Features

Add social features, such as the ability to share hotel recommendations or reviews with friends on social media.




# 04 TESTING AND CONCLUSION






## Final Words




Our hotel  
booking  
website offers  
a simple and  
convenient way  
for users to  
find and book  
their next  
vacation.



We are not  
only helping  
travelers find  
their perfect  
choices, but  
also  
contributing  
to the growth  
of the hotel  
industry.

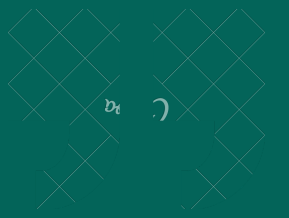
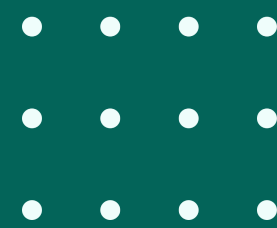


Our goal is to  
be the go-to  
source for all  
things travel-  
related by  
offering user-  
friendly,  
comprehensive  
platform.



**We are committed to providing users with the best possible experience and are also striving for constant improvements. It would be an honor for us if you can visit our website and have a look at our revolution in the hotel booking industry.**





# THANK YOU FOR YOUR ATTENTION

Nguyen Chi Long (Leader)  
Database design  
Booking feature

Dinh Viet Quang  
User - Admin Interface design  
Login - Signup feature  
Slide presentation design

Le Xuan Hieu  
User feature  
Booking feature

Ngo Xuan Bach  
Database Design  
Admin feature

