Università degli Studi di Padova

Web Application Project
Master Degree in ICT for Internet and Multimedia

HOTEL MANTA

Let the waves caress you

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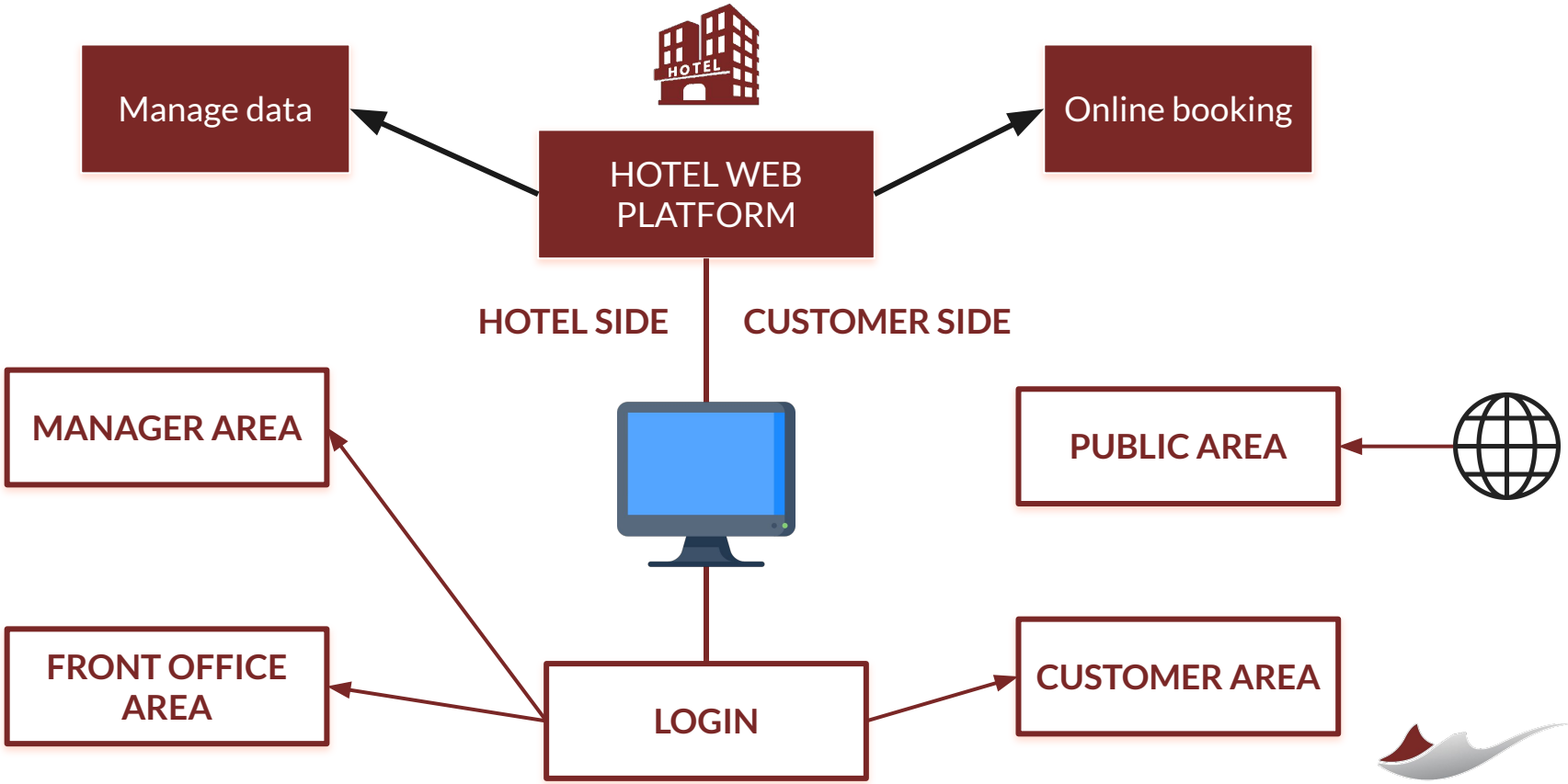
INTRODUCTION



TYPE OF USERS

MANAGER

FRONT OFFICE

- CHECK CUSTOMER LIST
- CHECK PAYMENTS STATUS
- ADD, MODIFY AND CHECK BOOKINGS

- ADD NEW ROOMS
- VIEW LOGS HISTORY
- PERFORM USERS REGISTRATION
- CHECK FRONT OFFICE USERS LIST

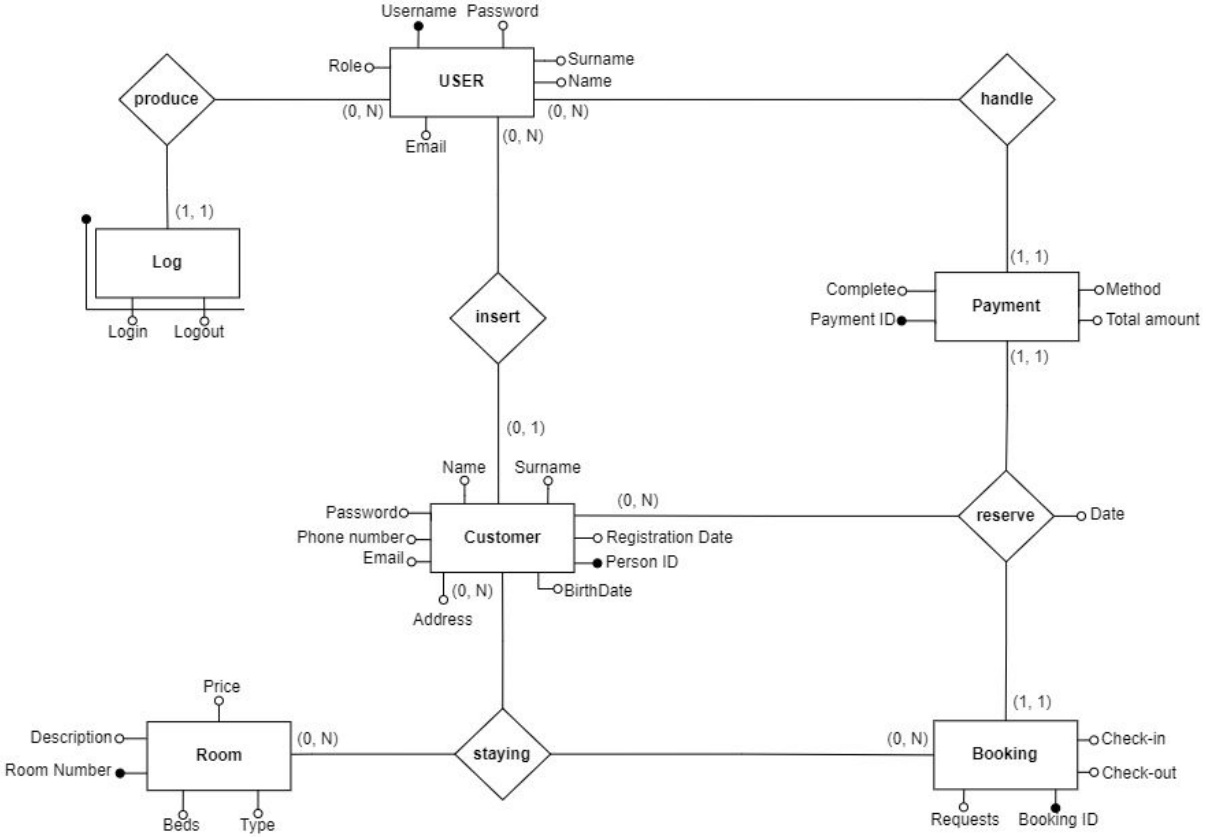
CUSTOMERS

PUBLIC AREA

- HOTEL HOMEPAGE
- CONTACT INFORMATION
- CHECK AVAILABLE DATES AND ROOMS INFO

- PERFORM A BOOKING
- SEE BOOKING CHRONOLOGY
- CHECK PAYMENT INFO
- EDIT PAYMENT METHOD

DATABASE


Username
Password
Role
USER
Surname
Name
Email
produce
handle
(0, N)
(0, N)
(0, N)
(1, 1)
Log
Login
Logout
insert
(1, 1)
Complete
Payment ID
Payment
Method
Total amount
(1, 1)
(0, 1)
Name
Surname
Password
Phone number
Email
Customer
Registration Date
Person ID
BirthDate
(0, N)
Address
(0, N)
reserve
Date
Price
Description
Room Number
Room
Beds
Type
(0, N)
staying
(1, 1)
(0, N)
Booking
Check-in
Check-out
Requests
Booking ID

Servlets

- Booking
- Customer
- Log
- Payment
- User

REST

- Booking
- Payment
- Resource
- Room
- User

Filters

The displayed content of the pages depends on the user which accesses the page. This is possible by using the filters, in particular by using the method *doFilter*.

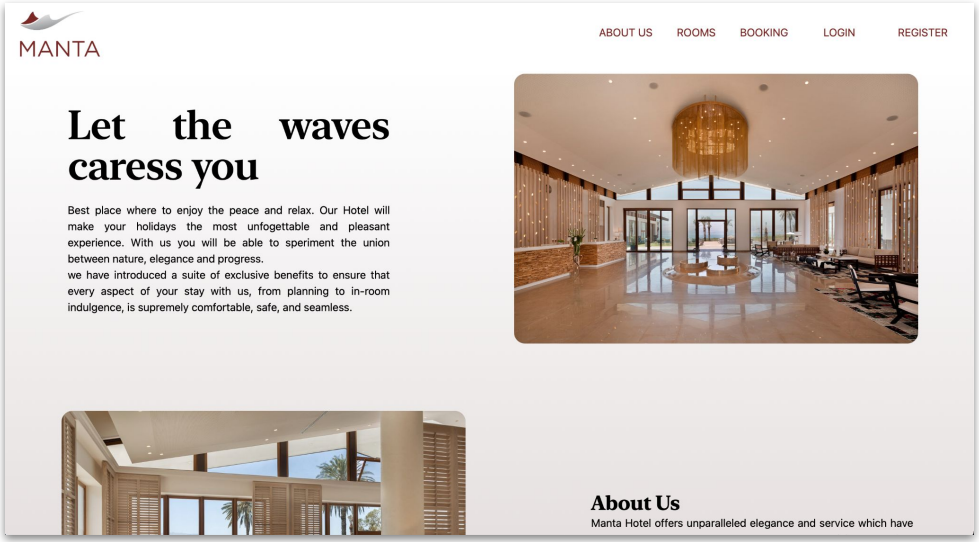
Designed filters:

- Manager
- User

FRONTEND - PUBLIC AREA

From the homepage, is it possible to...

- Read information about the hotel
- Login or register

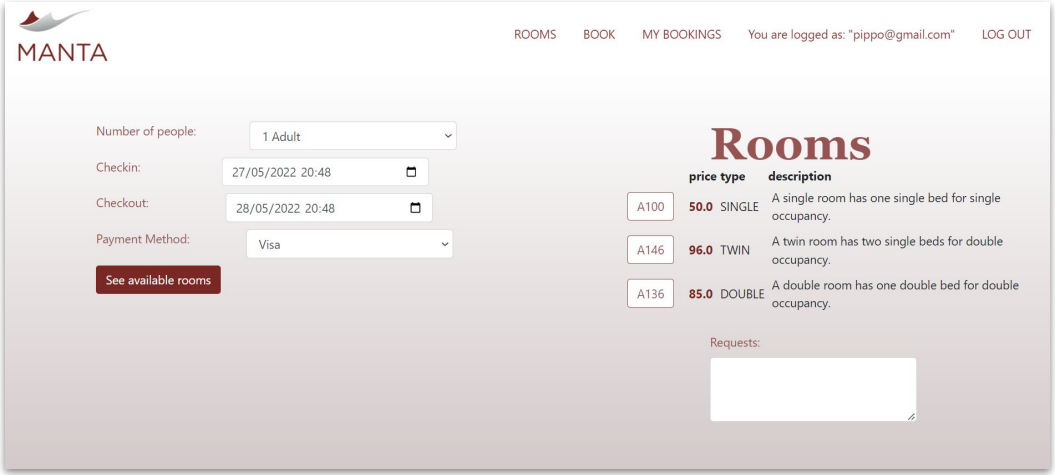


FRONTEND - CUSTOMERS

After the login the customers can…

Book a Room

Check bookings and payment details

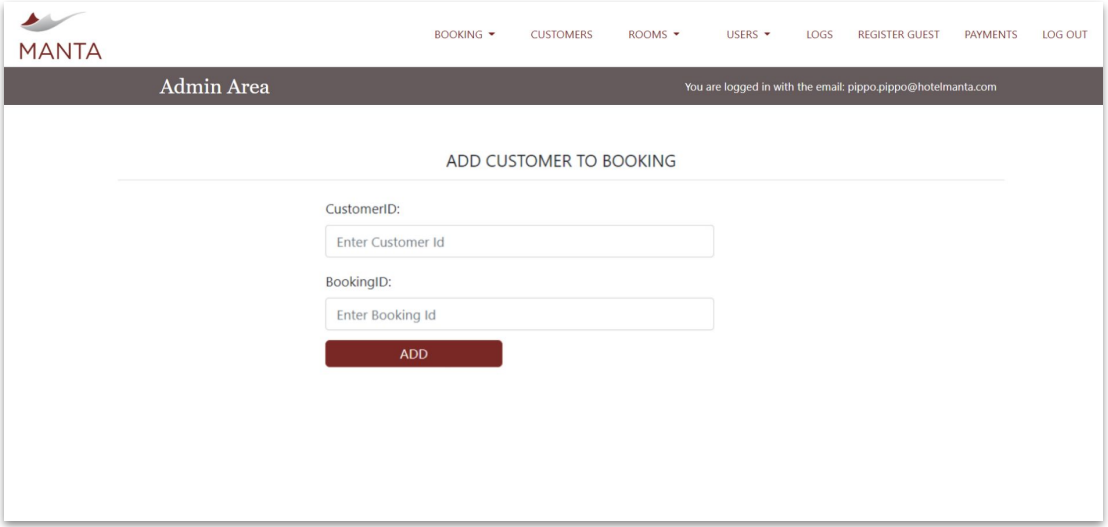


FRONTEND - FRONT OFFICE

From the Front Office area the users can..

Add Customer to Bookings

Check Information about Bookings

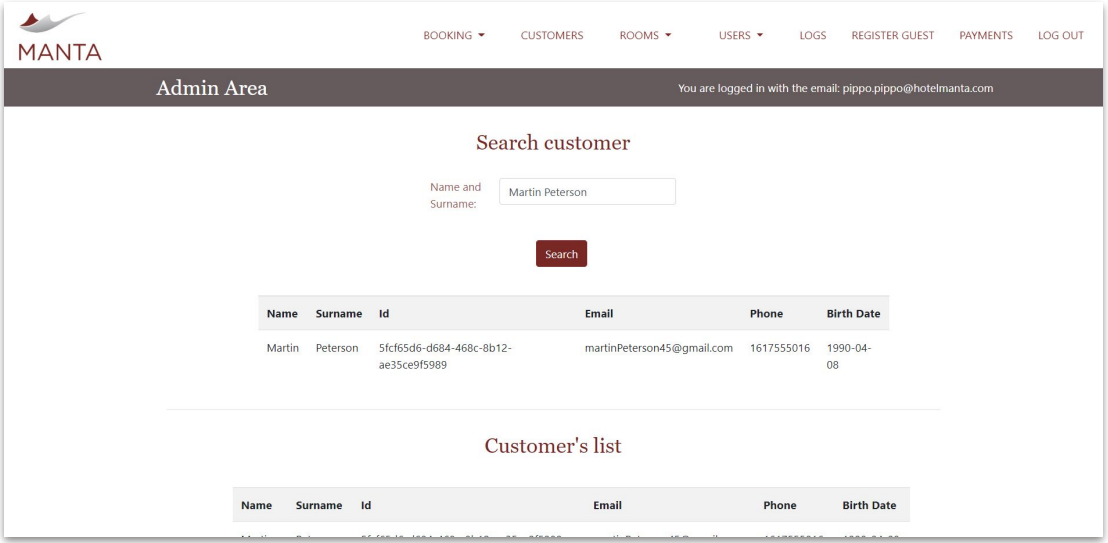


FRONTEND - FRONT OFFICE

From the Front Office area the users can..

Check for Available Rooms

Check Customers Information

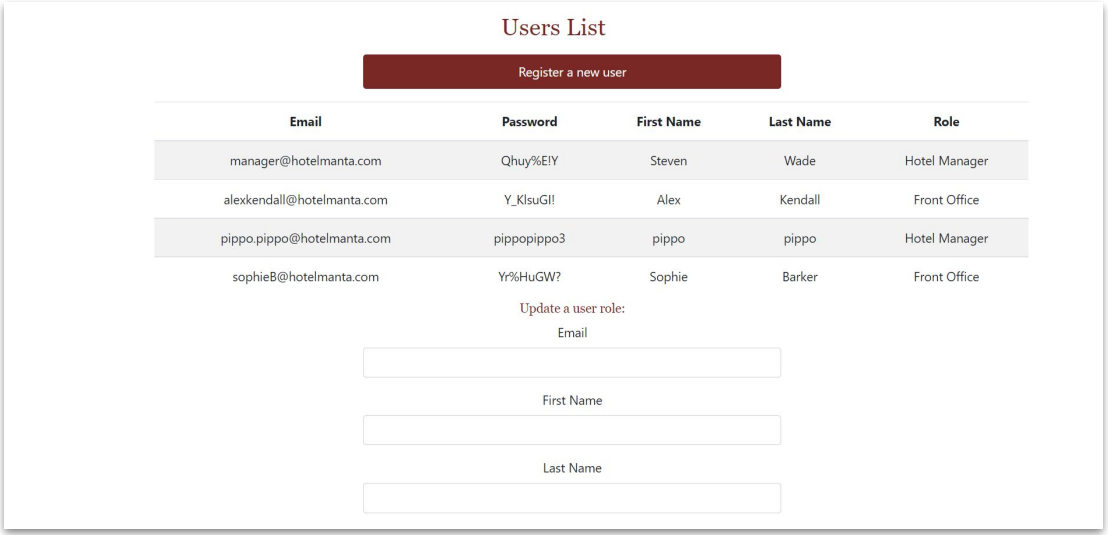


FRONTEND - MANAGER

From the Admin area the manager can …

Check Users Information

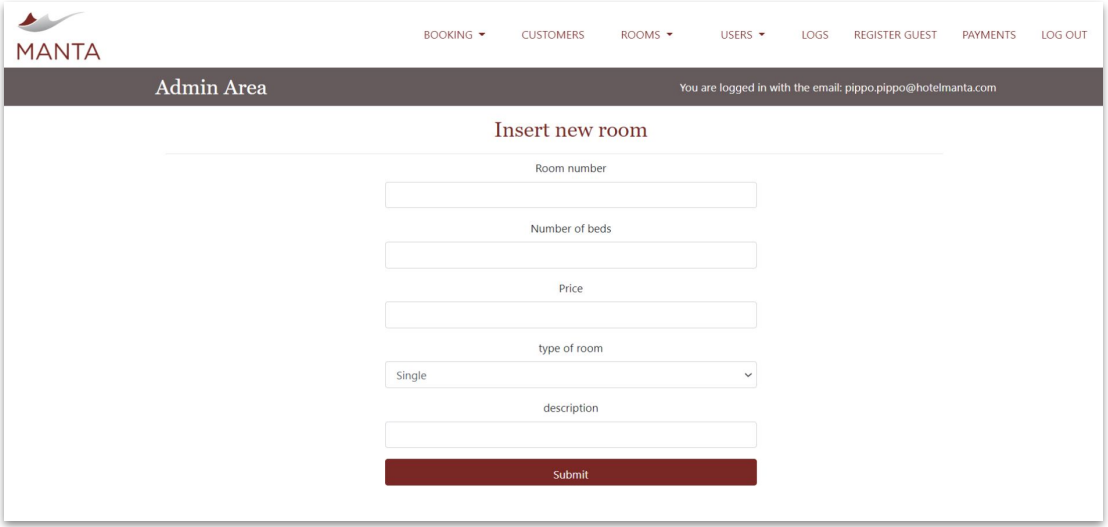
Create New Users



From the Admin area the manager can …

Register new Rooms

View Logs



THE END!

Thank you for the attention