



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

Web Application Project  
*Master Degree in ICT for Internet and Multimedia*

# HOTEL MANTA

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*Let the waves caress you*

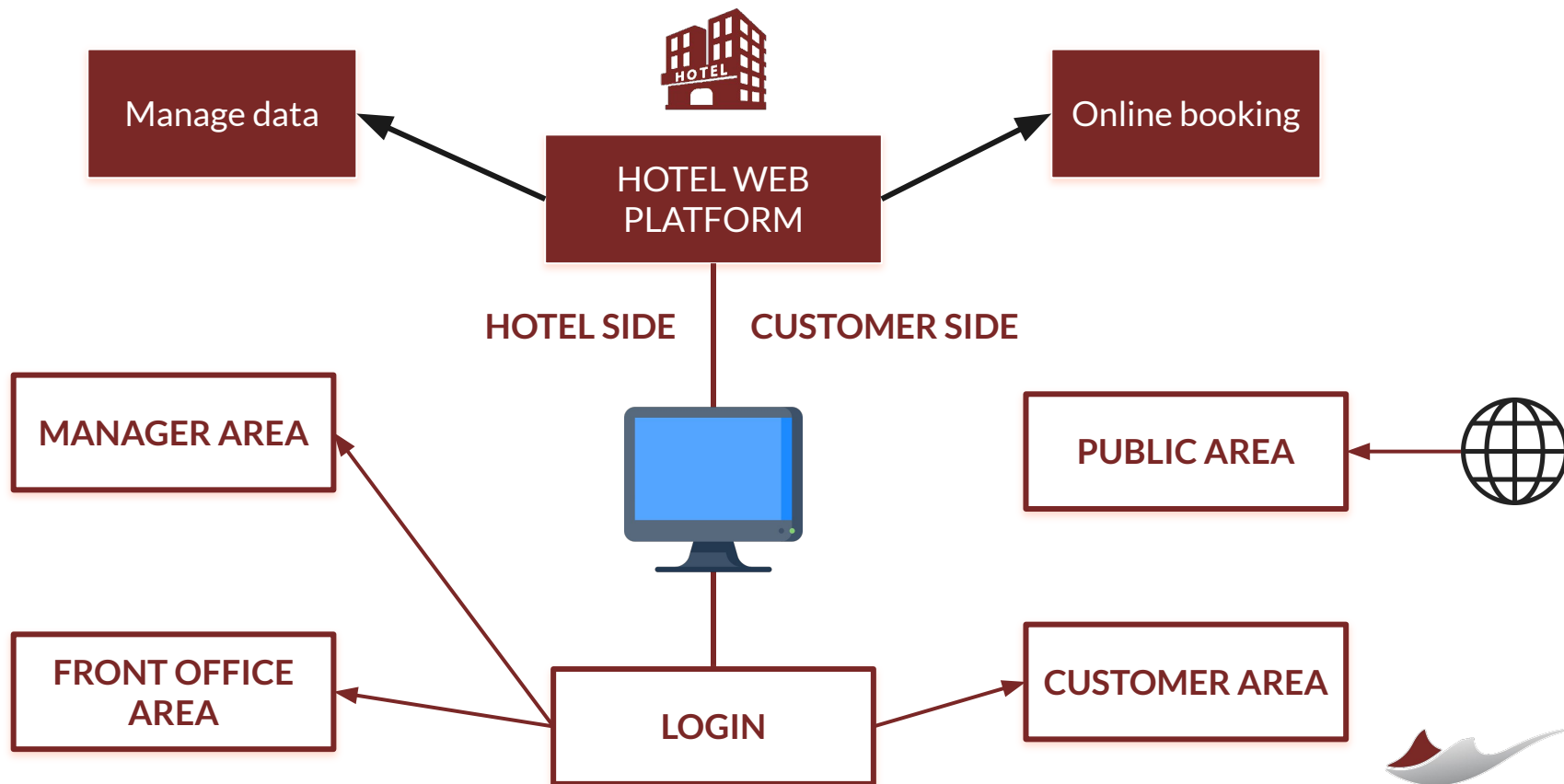


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## MANAGER

### 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

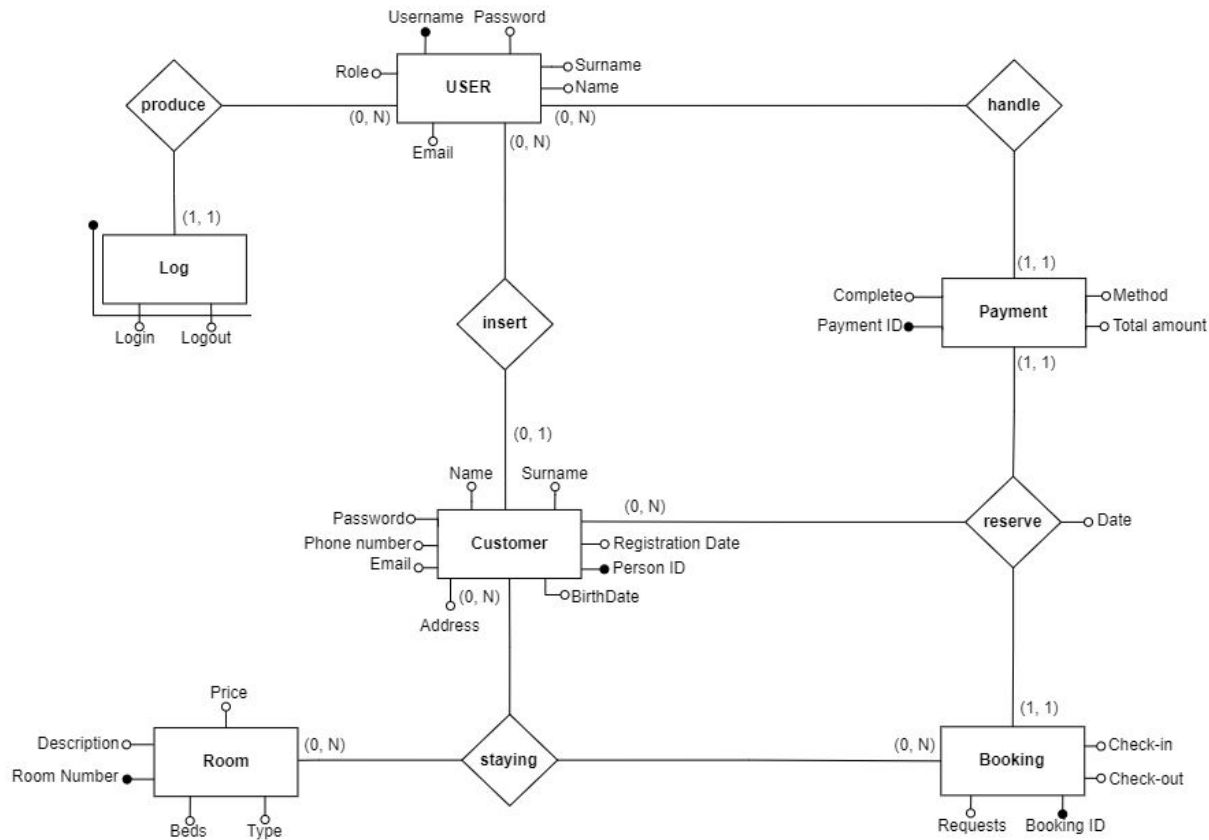
## CUSTOMERS

### PUBLIC AREA

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

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





## 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

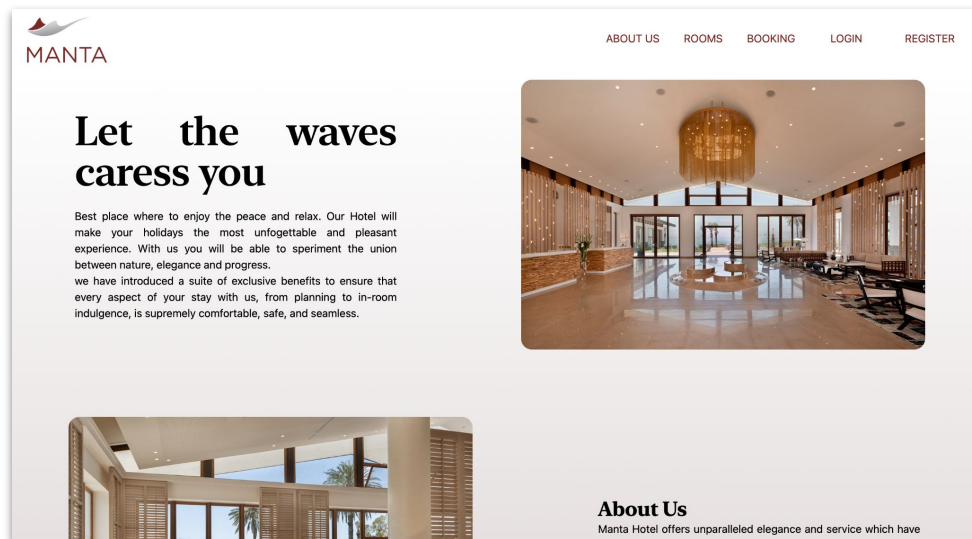




## From the homepage, is it possible to...

Read information about the hotel

Login or register





## After the login the customers can...

Book a Room

Check bookings and  
payment details

The screenshot shows the MANTA website's customer interface. At the top, there's a navigation bar with links for ROOMS, BOOK, MY BOOKINGS, and a login status "You are logged as: 'pippo@gmail.com'" with a LOG OUT link. The main content area is divided into two sections. On the left, a booking form allows users to specify the "Number of people" (set to "1 Adult"), "Checkin" and "Checkout" dates and times (both set to 27/05/2022 20:48), and the "Payment Method" (set to "Visa"). Below this form is a button labeled "See available rooms". On the right, a section titled "Rooms" displays a table of available room options. The table has three columns: a room ID, a price type, and a description. Three rooms are listed: A100 (50.0 SINGLE), A146 (96.0 TWIN), and A136 (85.0 DOUBLE). Each room entry includes a brief description of the room's occupancy. Below the table, there is a "Requests:" label followed by a text input field.

	price type	description
A100	50.0 SINGLE	A single room has one single bed for single occupancy.
A146	96.0 TWIN	A twin room has two single beds for double occupancy.
A136	85.0 DOUBLE	A double room has one double bed for double occupancy.





## From the Front Office area the users can..

Add Customer to Bookings

Check Information about Bookings

The screenshot displays the MANTA Admin Area interface. At the top, there is a navigation bar with the MANTA logo and several menu items: BOOKING, CUSTOMERS, ROOMS, USERS, LOGS, REGISTER GUEST, PAYMENTS, and LOG OUT. Below this is a dark grey header bar with the text 'Admin Area' on the left and 'You are logged in with the email: pippo.pippo@hotelmanta.com' on the right. The main content area is titled 'ADD CUSTOMER TO BOOKING' and contains two input fields: 'CustomerID:' with a placeholder 'Enter Customer Id' and 'BookingID:' with a placeholder 'Enter Booking Id'. Below these fields is a red 'ADD' button.







## From the Front Office area the users can..

Check for Available Rooms

Check Customers Information

The screenshot displays the MANTA Admin Area interface. At the top, there is a navigation bar with links: BOOKING, CUSTOMERS, ROOMS, USERS, LOGS, REGISTER GUEST, PAYMENTS, and LOG OUT. Below this, a dark grey header bar contains the MANTA logo on the left, the text "Admin Area" in the center, and a login status message "You are logged in with the email: pippo.pippo@hotelmanta.com" on the right.

The main content area features a "Search customer" section. It includes a text input field labeled "Name and Surname:" containing the text "Martin Peterson", and a red "Search" button below it.

Below the search section, a table displays the search results for the customer "Martin Peterson".

Name	Surname	Id	Email	Phone	Birth Date
Martin	Peterson	5fc65d6-d684-468c-8b12-ae35ce9f5989	martinPeterson45@gmail.com	1617555016	1990-04-08

Below the table, there is a section titled "Customer's list" which contains another table with the same headers: Name, Surname, Id, Email, Phone, and Birth Date. The table is partially visible, showing the same data as the search results table.





## From the Admin area the manager can ...

Check Users Information

Create New Users

### Users List

Register a new user

Email	Password	First Name	Last Name	Role
manager@hotelmanta.com	Qhuy%EIY	Steven	Wade	Hotel Manager
alexkendall@hotelmanta.com	Y_KlsuGI!	Alex	Kendall	Front Office
pippo.pippo@hotelmanta.com	pippopippo3	pippo	pippo	Hotel Manager
sophieB@hotelmanta.com	Yr%HuGW?	Sophie	Barker	Front Office

Update a user role:

Email

First Name

Last Name





## From the Admin area the manager can ...

Register new Rooms

View Logs

The screenshot shows the 'Admin Area' of the MANTA system. The top navigation bar includes links for BOOKING, CUSTOMERS, ROOMS, USERS, LOGS, REGISTER GUEST, PAYMENTS, and LOG OUT. The user is logged in with the email pippo.pippo@hotelmanta.com. The main section is titled 'Insert new room' and contains a form with the following fields: Room number, Number of beds, Price, type of room (a dropdown menu currently showing 'Single'), and description. A 'Submit' button is located at the bottom of the form.





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# THE END!



Thank you for the attention