

**Hotel System – Group 31**

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1. **Project Description:**

The Project is a hotel booking website called Hoteliano which allows the user to browse the rooms, gallery and book rooms of the hotel to enjoy and experience the life in the intended hotel.

1. **Project Specification:**

The website is a hotel booking website that aims to make the customers explore the rooms their features e.g. the type, description, capacity and price of each room. The website also gives the privilege to the user to explore the hotel facilities like for example the room services that the hotel has, the free parking area and the deposit boxes. Our website main focus is to give the customer the capability to book the rooms online without having to go to the hotel in person which saves time and money.

1. **Project Scope:**

The Scope of the Project is giving the customers the capability of booking a room online and to explore all the rooms and all its facilities e.g. the type, description, capacity and price of each room, the new features that every room has like the decoration of every room and the room services that the hotel has.

1. **Users and their access privileges:**

The Website has two users that can interact with system with different accessing privileges; the customers and the administrator are the users that can access the website. The customer can access the website by browsing the rooms of the hotel; view their features and their price. The customer can book rooms online. The customer can also explore the gallery and can also contact the hotel staff if there any problems or issues that faces the customer. The Administrator can access the website by adding rooms and edit the rooms that he added and can remove the rooms from the database.

1. **Project inputs and outputs:**

In the Booking section the user must input his name, email, the check-in and check-out dates, the number of guests and the type of room then the user should login or register on the site or input their credit card info then the user must confirm their booking and then the system outputs a confirmation message. The user can also contact the system; the user should enter his name, email and his message and clicks on the send button and the system will output a “Message Sent” message to the user.

The Admin of the site also can add, remove or edit rooms; in case of adding a room the admin must enter the room number, type, location, description, and availability when the admin is done entering all the room information he clicks on the save button to save the room so the system can add the room to the Rooms database and outputs a “Room Successfully Added” or the admin can click on cancel if he didn’t want to input the room so the system can output a warning message if he is sure to cancel or not if yes then the room won’t be added and all the data will be erased if no the system will keep the data in the text fields so the admin can save it. In case of removing a room; the admin can pick the room he wants to delete and then presses the save button the system will output a warning message if he is sure to remove the room or not is yes the system removes the room from the database and then outputs a “Room Successfully Removed” message or the admin can press on cancel to cancel the removing of the room. In case editing the room the admin will choose the room that he needs to edit its information then all the description of the room will be displayed in front of the admin he can then edit any information he wants to edit and then press on the save button so the system can update the data of the selected room in the rooms database and output a “Room Successfully Updated” message, if the admin wants to cancel the update then he presses cancel then the system will output a “Are you sure you want to cancel” message if he presses yes then all the updated information won’t be applied on the selected room if no the system will keep the data in the text fields so the admin can save it.

1. **Preliminary data and Assumptions:**

The Preliminary data for the customer is the name, email, the check-in and check-out dates, the number of guests and the type of room then his credit card number; these are the data required for the user to fill in order to book a room. There is no assumption needed for the website.