



e-ISSN: 2319-8753 | p-ISSN: 2320-6710

# IJIRSET

International Journal of Innovative Research in  
**SCIENCE | ENGINEERING | TECHNOLOGY**

# INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN SCIENCE | ENGINEERING | TECHNOLOGY

Volume 10, Issue 3, March 2021

**ISSN** INTERNATIONAL  
STANDARD  
SERIAL  
NUMBER  
INDIA

**Impact Factor: 7.512**

9940 572 462

6381 907 438

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# HOTEL MANAGEMENT SYSTEM

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**ABSTRACT:-**Hotel management is a (web portal) that helps you manage reservations, bookings, guests and agents. This has been made in a user friendly interface. The user can search for the vacant rooms in the hotel and book for it. Booking can only be done by registered guests or through agents. The rooms will be added or updated by the admin and the same would be available for the guests to book them.

A user is added by the admin, and is given the access for any of the rights that include adding guests and agents, reservation, booking, billing, viewing reports, etc.

Admin module is designed to ensure options of add, edit and delete the contents of the various pages in an easy format. Admin has control over the clients/users accessing the data and if required block users. An admin can view the booking details, transactions and coordinate the activity with the agents. He can track the entire site activity Reservations can also be made by the admin, at the back end, through a phone call or an email. He can also send an SMS to the registered users

Users can either be browsers or registered users. Registered users have privilege to access certain sections of data. There is a standard registration procedure for users/clients. Navigation ensures easy access to the user to all the material being displayed.

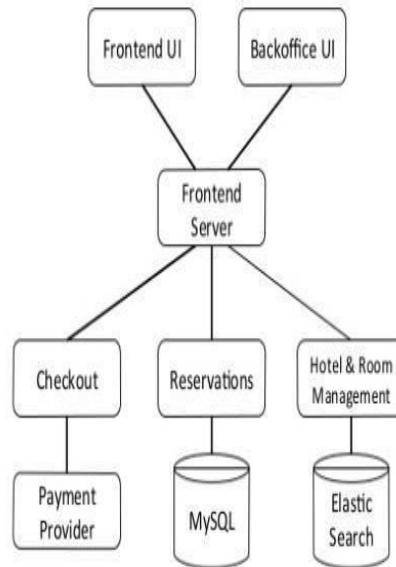
## I. INTRODUCTION

HOTEL MANAGEMENT SYSTEM is a hotel reservation site script where site users will be able to search room's availability with an online booking reservations system. Site users can also browse hotels, view room inventory, check availability, and book reservations in real-time. Site users enter check in date and check out date then search for availability and rates. After choosing the right room in the wanted hotel – all booking and reservation process is done on the site and an SMS is sent to confirm the booking.

The project, Hotel Management System is a web-based application that allows the hotel manager to handle all hotel activities online. Interactive GUI and the ability to manage various hotel bookings and rooms make this system very flexible and convenient. The hotel manager is a very busy person and does not have the time to sit and manage the entire activities manually on paper. This application gives him the power and flexibility to manage the entire system from a single online system. Hotel management project provides room booking, staff management and other necessary hotel management features. The system allows the manager to post available rooms in the system. Customers can view and book room online. Admin has the power of either approving or disapproving the customer's booking request. Other hotel services can also be viewed by the customers and can book them too. The system is hence useful for both customers and managers to portable manage the hotel activities.

## II. OVERVIEW OF THE PROJECT

The mission is to facilitate easy management and administration of a hotel with capabilities to do Booking or reservations of the rooms, Cancellation of the rooms, Cash billing, Room service, Restaurant service, Restaurant Billing, Total Billing, Travels arrangement etc. using the automated hotel management software. One can keep detailed records or info on an unlimited amount of customers. The system lets the user Know which all rooms are available for occupancy at any point of time. This makes the Booking considerably faster. And thus helps the hotel in better management and reduce a lot of paper work as well as manpower.



**System Architecture**

### III. MODULES DESCRIPTION

#### 3.1.1 ADMINISTRATOR

Administrator can add / edit and manage administrator accounts.

#### 3.1.2 HOTELS

Administrator can manage hotels that will appear on the site with the hotel name, description, facilities, phone and fax

#### 3.1.3 ROOM TYPES

Administrator can define the type of rooms in the hotels, rooms' prices and upload an image for each room.

#### 3.1.4 HOTEL ROOMS

For each Hotel the administrator can define the rooms available, rooms number, max occupants and remarks on the specific room.

#### 3.1.5 BOOKINGS

All booking and reservations made on the site are displayed with all booking details: arrival date, departure date, hotel name, room type, number of passengers, price.

#### 3.1.6 AVAILABLE ROOMS

Administrator can also search for room availability from the administrators panel and does not have to go on the site Reports.

#### 3.1.7 BOOKING STATISTICS

Administrator can view statistics of booking on bar charts that show the difference in bookings according to months.

#### 3.1.8 SMS TEMPLATES

Administrators can edit the text on each message.

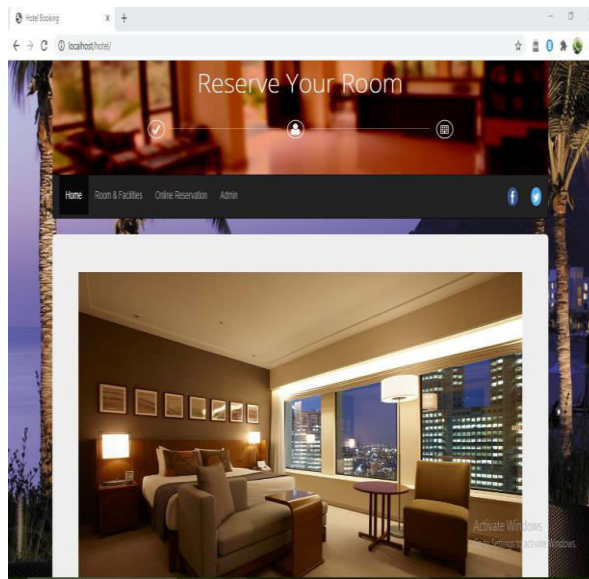


### 3.1.9 SITE SETTINGS

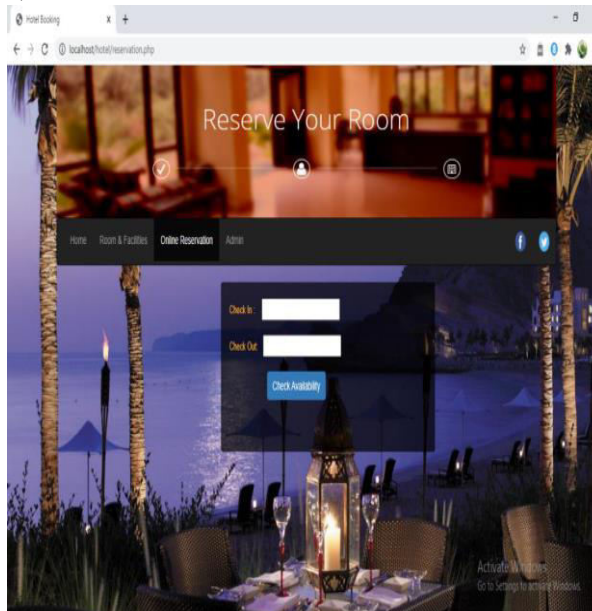
Here the administrator can define if to use PayPal on the site and if yes then what will be the pay-pal email address used, the administrator can also define the administrator email address where all reservation emails will be sent to.

## IV. SCREEN SHOTS

### 4.1.1 HOME PAGE

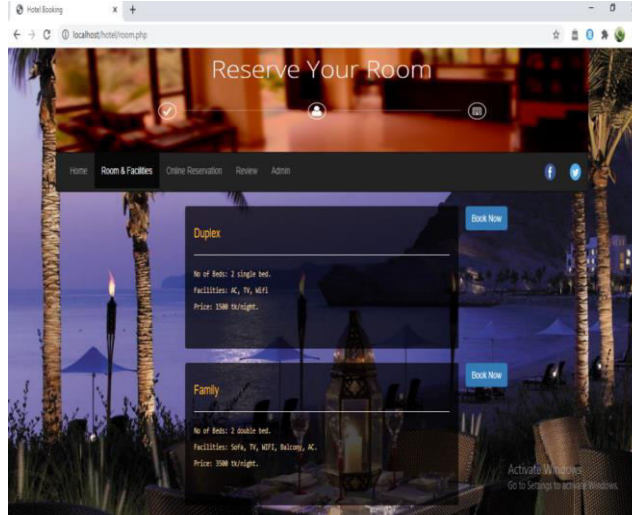


### 4.1.2 ONLINE RESERVATION

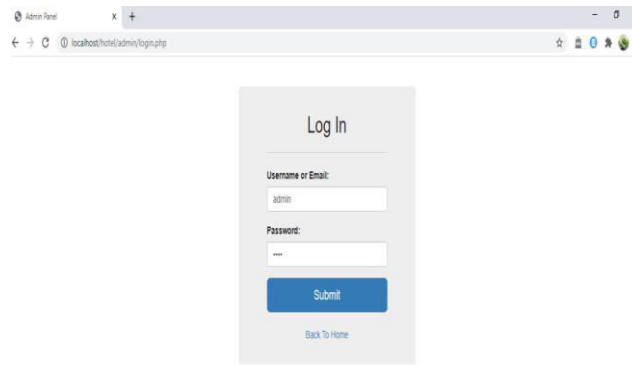




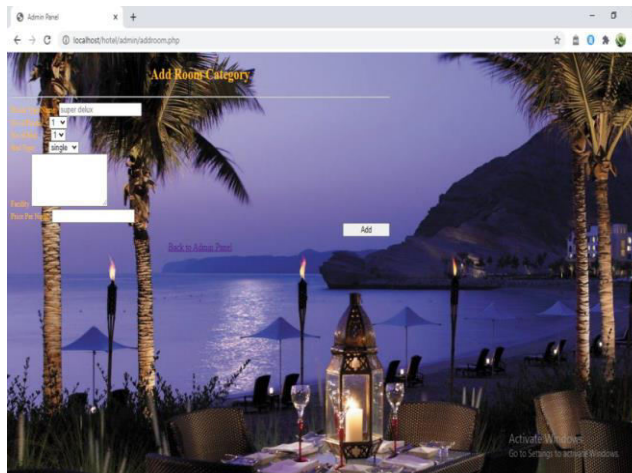
### 4.1.3 ROOM FACILITIES



### 4.1.4 LOG IN

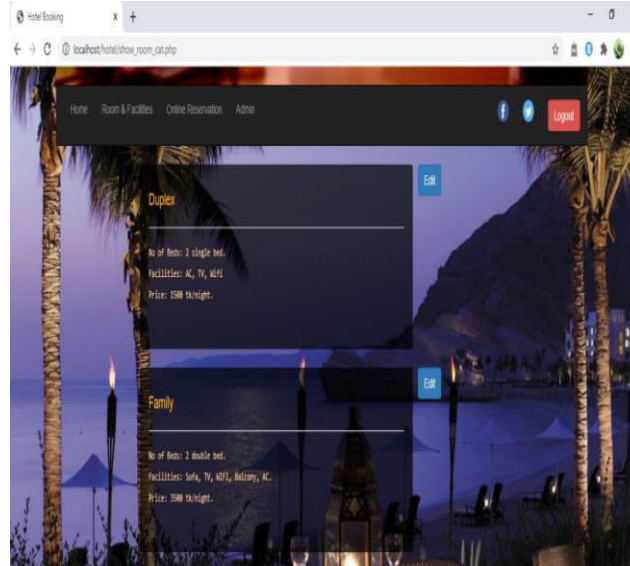


### 4.1.5 ADD ROOM

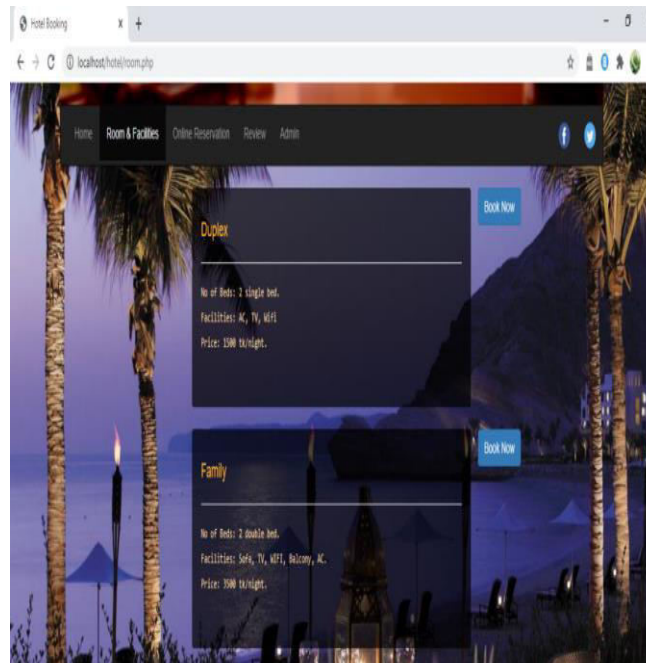




#### 4.1.6 ROOM EDIT

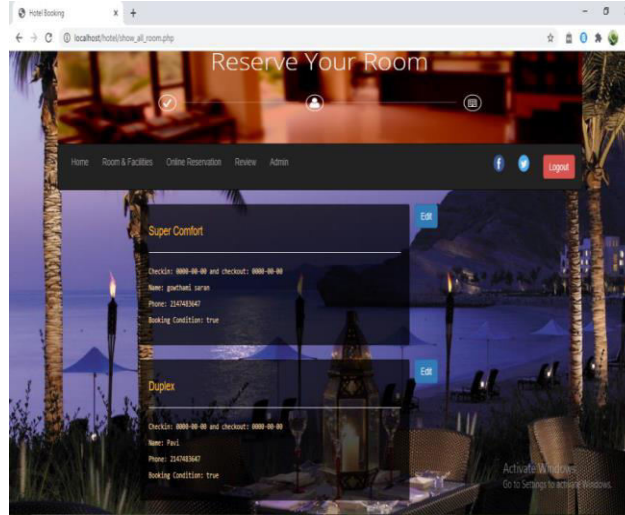


#### 4.1.7 ROOM BOOKING

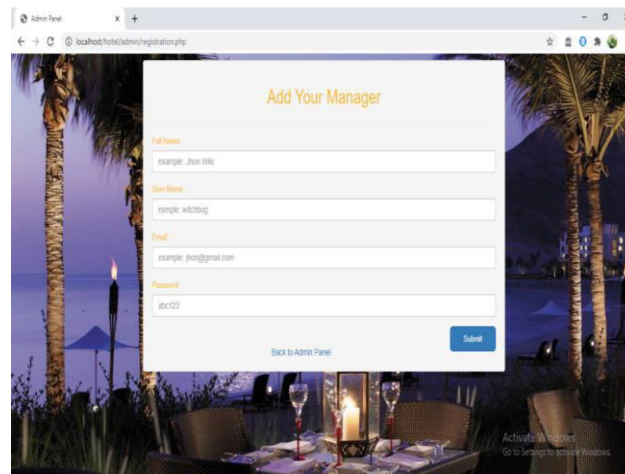




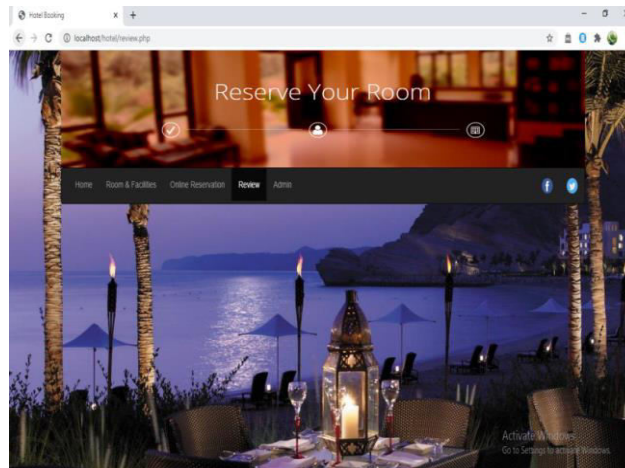
#### 4.1.8 BOOKING DETAILS



#### 4.1.9 ADD YOUR MANAGER



#### 4.1.10 REVIEWS





## V. CONCLUSIONS

The conclusion of this project is A Hotel management system is a computerized management system. This system keeps the records of hardware assets besides software of this organization. The proposed system will keep a track of Workers, Residents, Accounts and generation of report regarding the present status. This project has GUI based software that will help in storing, updating and retrieving the information through various user-friendly menu-driven modules. The project "Hotel Management System" is aimed to develop to maintain the day-to-day state of admission/Vacation of Residents, List of Workers, payment details etc. Main objective of this project is to provide solution for hotel to manage most there work using computerized process. This software application will help admin to handle customer's information, room allocation details, payment details, billing information.etc. Detailed explanation about modules and design are provided in project documentation. The existing system is a manually maintained system. All the Hotel records are to be maintained for the details of each customer, Fee details, Room Allocation, Attendance etc. All these details are entered and retrieved manually, because of this there are many disadvantages like Time Consuming, updating process, inaccuracy of data. For avoiding this we introduced or proposed a new system in proposed system the computerized version of the existing system. Provides easy and quick access over the data.

## VI. FUTURE ENHANCEMENTS

This project can be used in the hotel after adding some more useful modules in the project for which hotel are providing services. Utmost care and back-up procedures must be established to ensure 100% successful implementation of the computerized hotel system. In case of system failure, the organization should be in a position to process the transaction with another organization or if the worst comes to the worst, it should be in a position to complete it manually.

## REFERENCES

1. <https://www.tutorialspoint.com/index.html>
2. <https://www.phppoint.com>
3. <https://www.w3schools.com>
4. <https://html.com>
5. Kogent Learning Solutions INC., HTML Black Book, Dream tech Press, 2011





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**Impact Factor:  
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**ISSN** INTERNATIONAL  
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