

A Progress Report
on
Hotel Management system

carried out as part of the course CS2232

Submitted by

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BACHELOR OF TECHNOLOGY

In

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1. Introduction -

Hotel Management System is a hotel reservation site script where site users will be able to search rooms 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.

2. Requirement analysis –

Functional requirements –

- MySQL
- HTML
- CSS
- Xampp
- Bootstrap
- Java script
- PHP

3. System design and architecture –

System Design – The requirement specifications from first phase are studied in this phase and the system design is prepared. This system design helps in specifying hardware and system requirements and helps in defining the overall system architecture.

Implementation – With inputs from the system design, the system is first developed in small programs called units, which are integrated in the next phase. Each unit is developed and tested for its functionality, which is referred to as Unit Testing.

Integration and Testing – All the units developed in the implementation phase are integrated into a system after testing of each unit. Post integration the entire system is tested for any faults and failures.

Deployment of system – Once the functional and non-functional testing is done; the product is deployed in the customer environment or released into the market.

Maintenance – There are some issues which come up in the client environment. To fix those issues, patches are released. Also, to enhance the product some better versions are released. Maintenance is done to deliver these changes in the customer environment.

4. Work done –

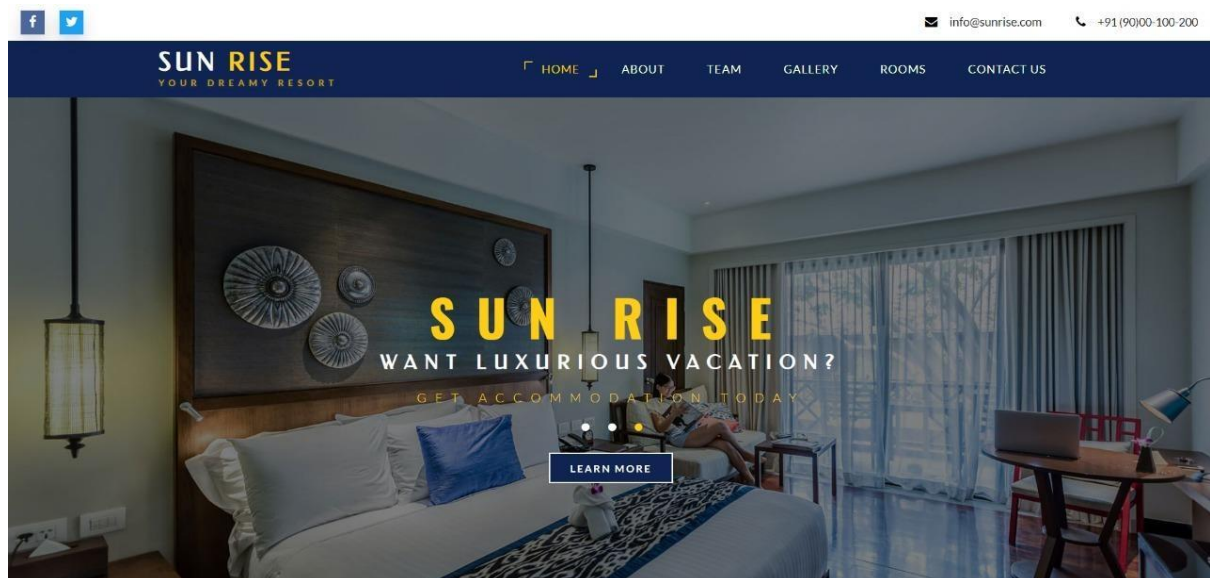
For the database we used MySQL as mentioned before and the total tables used for this was 6.

Tables used in the database –

1. Contact - It stores the contact information of the guest.
2. Login - It is a table that stores the username and password of all the users.
3. Newsletter log - This table stores all the news' subject and title to be displayed.
4. Payment - This table stores details of the payment by the guest based on the room, meals taken and other details like in and out dates.
5. Room – This table stores the types of room available in the hotel.
6. Room book - This table is basically like a register for the hotel staff. It provides all the details like room taken, guest details, entry and exit details of the guest.

For connection to the database PHP was used as it is a server scripting language. HTML, CSS and JavaScript were used to develop the frontend of the website. It is a fully responsive website.

Website look –



Rooms And Rates

 <p>Deluxe Room</p> <p>★★★★☆</p> <p>₹ 3999 Book Now</p>	 <p>Luxury Room</p> <p>★★★★☆</p> <p>₹ 4999 Book Now</p>	 <p>Guest House</p> <p>★★★★☆</p> <p>₹ 1999 Book Now</p>	 <p>Single Room</p> <p>★★★☆☆</p> <p>₹ 999 Book Now</p>
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Yash Kishore

MANAGER

We have made this project with ❤️. I enjoyed the making process while exploring php and SQL. We thanks our respective faculties.



Booking Page

RESERVATION

PERSONAL INFORMATION

Title*

First Name

Last Name

Email

Nationality* ☒ Indian ☐ Non-Indian

Passport Country*

Phone Number

RESERVATION INFORMATION

Type Of Room *

Bedding Type

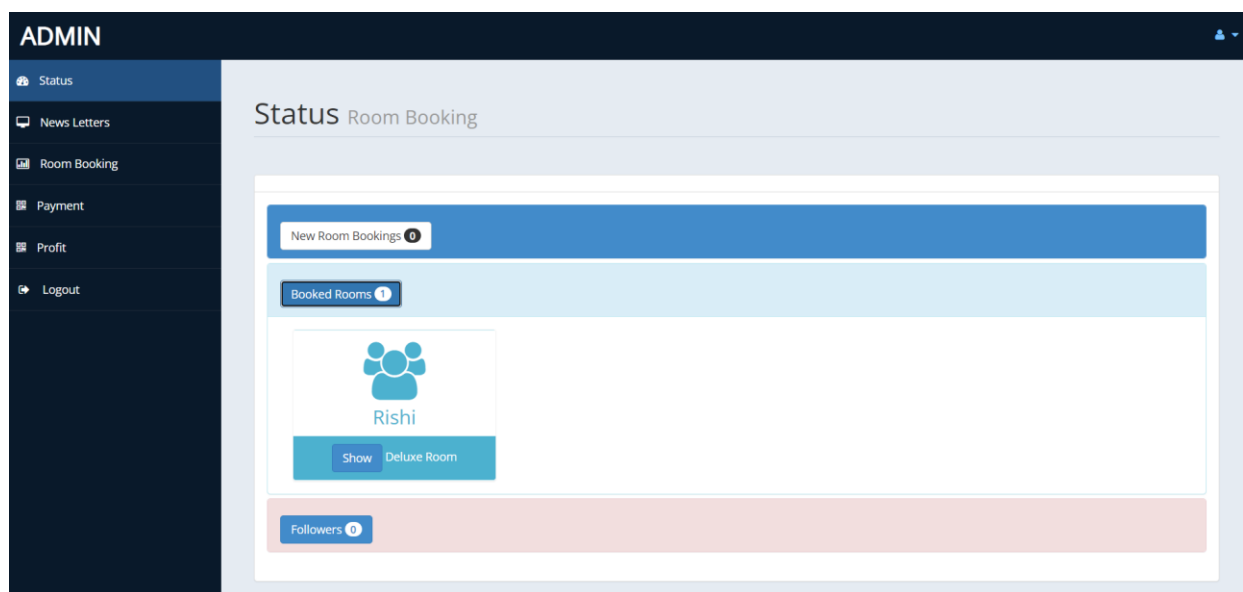
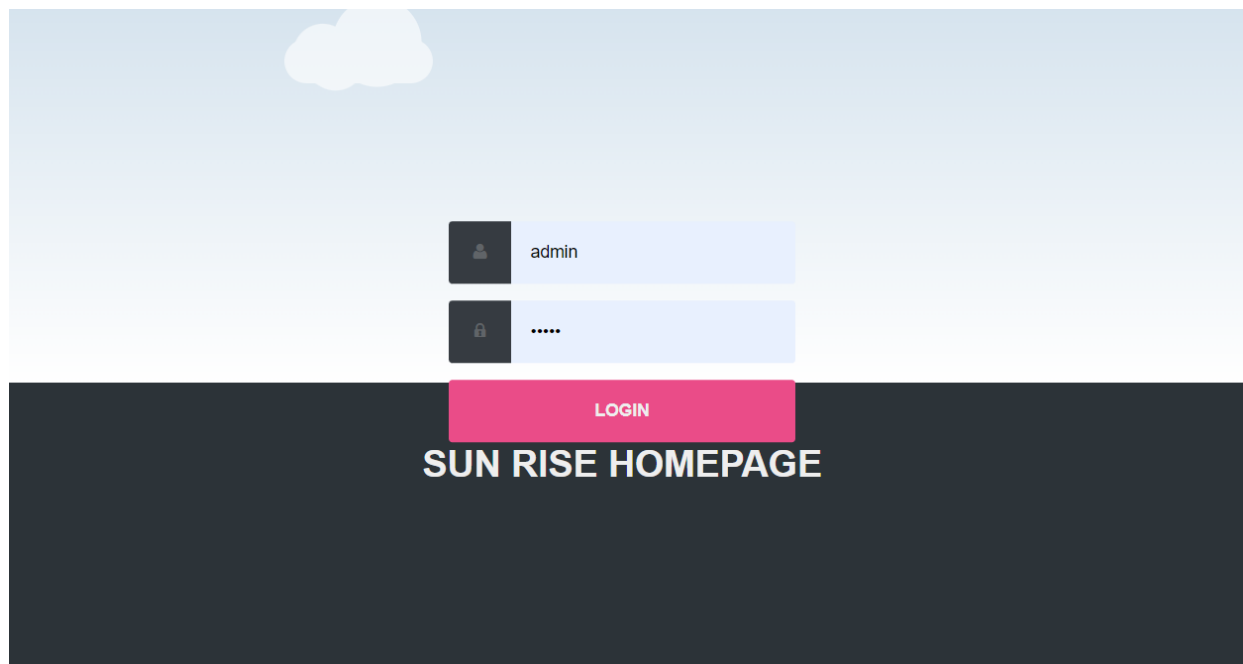
Number of Rooms *

Meal Plan

Check-In

Check-Out

Admin Page



Individual contribution of members –

The frontend of the website was developed by Yash Kishore and the backend that is connecting the database appropriately was done by Amish Kakka. The challenges faced were the placement of all the widgets at proper places, connection to database and adding the SQL queries in PHP for getting the data.

5. Conclusion –

The database will help keep track of all the rooms that are available or occupied and the details of the guest. The website's responsiveness is a major plus point for any website which we learned through this project.