**HOTEL MANAGEMENT SYSTEM**

INTRODUCTION

Hotel management system is designed to simplify the day-to-day activities of a hotel. Activities like Checking availability, booking a room or facilities, viewing gallery, tariffs and local attractions and submit feedback. A contact us page will also be included. The details of customers, rooms booked, and the details of the rooms will be stored in the database.

The technology used to complete the project will include HTML (Hyper-Text Mark-up Language), CSS (Cascading Stylesheet), JS (Java-Script), PHP (Hypertext Pre-processor) and SQL (Structured Query Language).

FEASIBILITY STUDY

A website is the first place where Guests look for information about the hotel. The information is always available and thus, it is important that they are presented in an attractive way and managed appropriately. A website is also the main platform for communication with the guests. It has to offer forms of contact which users expect. Photos are highly important because they sell dreams and make a guest feel like he wants to be at the hotel without a second of hesitation. On top of that, there is a text which states the experience of the stay.

The project is feasible as the outcome of this website has the following advantages:

* It would increase the efficiency of the system.
* The system would increase customer's satisfaction.
* It would add to the security features of the system.
* The website makes booking process hassle free and simple.
* It is less expensive and makes the process of maintenance easy.

METHODOLOGY

The basic structure of the website will be written in HTML and the presentation and detailing portion will be executed using the CSS. To make the website more responsive and enhance the user experience, JavaScript will be used. Server-side scripting will be done using PHP and the database storing customer and room details will be handled using SQL.

SOFTWARE REQUIREMENTS

* WAMP Server
* Sublime Text
* Web Browser (Chrome)

HARDWARE REQUIREMENTS

* A laptop with a supportive operating system (Windows)

AIM

This project is designed with the idea of effectively managing a hotel or a resort. This system can be used to book room, view all the amenities, add rooms, view room details and check-in/check-out features. This is one integrated system that contains both the user component (used by customer) and the admin component (used by manager performing admin level functions such as adding new rooms and viewing room details).

*TABLES IN DATABASE ‘the\_canopy’*:-

* Admin\_login: Contains login details of all the administrators of the resort.
* Book: Contains details of all the rooms currently occupied/reserved.
* Cust\_details: Contains details of all the customers enrolled with the resort.
* Feedback: Contains details of the feedback given by the customers about the resort.
* Rooms: Contains details of all the room in the hotel;
* User\_login: Contains login details of all the users enrolled with the resort.

SCREENSHOTS

![A screenshot of a cell phone

Description automatically generated]()![A screenshot of a social media post

Description automatically generated]()![A screenshot of a social media post

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