

FULL STACK PROJECT

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Synopsis



Team Members

Isha Singh

(University Roll No-191500355)

Mahak Agrawal

(University Roll No-191500432)

Dimpal Agrawal

(University Roll No-191500268)

Deeksha Singh

(University Roll No-191500240)

Supervised By

Mr. Pankaj Kapoor

Technical Trainer

Department of Computer Science Engineering & Applications

A wide-angle photograph of a luxurious hotel lobby. The space is characterized by its high ceiling, white classical columns with gold capitals, and a polished green marble floor with a white geometric pattern. A large, ornate chandelier hangs from the ceiling, casting a warm glow. In the foreground, there are plush orange sofas and armchairs arranged around a low white coffee table. A large potted plant with orange flowers sits on a round table in the center. The background shows a reception desk and a balcony with a dark railing.

HOTEL MANAGEMENT SYSTEM

PROJECT SYNOPSIS

INTRODUCTION

Our project title is Hotel Management System. We will try our best to make the complicated process of Hotel Management System as simple as possible . We will try to design the project in such a way that user may not have any difficulty in using this website and further expansion will also be possible without much effort. We are confident that this website can be readily used by non-programming personal avoiding human handled chance of error.

Main objective of project

The main purpose of this project is to perform each Employee's activity in computerized way rather than manually which is time consuming and the aim of the entire activity is to automate the process of day to day activities of Hotel like Room activities, Admission of a new customer, assign a room according to customer's demand, checkout of a customer and releasing the room and finally compute the bill etc.

The limited time and resources have restricted us to incorporate, in this project , only a main activities that are performed in a HOTEL MANAGEMENT SYSTEM, but utmost care will be taken to make the system efficient and user friendly

Our project will be designed to computerize the following functions :

- ❖ Room detail functions(Top rooms):interior design of rooms
- ❖ Feedback :for customer satisfaction
- ❖ Staff and managers contact info
- ❖ Online booking(responsive):guest rooms ,pool , party hall, wedding hall , meeting hall
- ❖ Reception queries and services : laundry, food.
- ❖ Bill : bill computation as per the stay time

Advantages and working methodology

We will design the given proposed system by using HTML , CSS , JavaScript . This project is useful for the authorities which keep track of all the users registered in a particular state. The authority can add hotel packages ,room details, availability of rooms, booking etc.

The detailed information of the need of proposed system are:

- ❖ During past several decades , the records are supposed to be manually handled for all activities. The manual handling of the record is time consuming and highly prone to error. To improve the performance of the hotel, the computerized website is to be undertaken.
- ❖ The basic need of this website is efficiency . The website should be efficient so that whenever a new user submit his or her details the website is updated
- ❖ Security is the main criteria for the proposed system. Since illegal access may corrupt the database . So security has to be given in this project

Details of hardware and software

We will be using the following hardware and software's:

- ❖ Visual studio code: development Environment.
- ❖ Git hub: we will use git hub to store our code and then publish it publicly.
- ❖ Technology Implemented: Front-End Technologies.
- ❖ Web Browser: Chrome/Firefox.
- ❖ Hardware Devices: Computer System
- ❖ Hard disk: 64GB.
- ❖ RAM: 4+GB
- ❖ Operating system: Windows 7/8/10/11

Contribution of each team member

- ❖ Isha singh (191500355): ideas of developing a project plan ,managing deliverables according to the plan. ,working on the coding and design, documenting the project.
- ❖ Mahak Agrawal(191500432): contributing to project objectives, working on coding and design , approving changes to the project.
- ❖ Deeksha singh(191500240): carrying ultimate responsibility for the project working on coding and design , providing additional scope for changes in project.
- ❖ Dimpal Agrawal(191500268): approving project deliverables, suggesting the project goals, coding and design, Working with other team members to expand the project objectives.

Conclusion

This project is designed to meet the requirements of Hotel Management System. To design the project we will be using HTML, CSS, JavaScript .

Overall the project teaches us the essential skills like :

- ❖ In Front-end development your job is never finished until the last stone has been laid.
- ❖ Over the time the needs to satisfy the projects objective increases, and success in one area turns into opportunities in others

The greatest talent that we can bring to the table is an understanding of how this crazy thing called frontend development comes together over time

References

❖ You-tube

❖ Git-hub

❖ www.google.com

❖ www.beta-labs.in

❖ <https://stackoverflow.com>

❖ wikipedia