

Room Rental System

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Abstarct: This system is intended for the maintenance of various rooms around the world. Primarily responsible for room management in the core area of the database. The system provides information about various rooms available and their availability. Guests can visit her website and register the necessary information expected by the system. Registered guests can request to reserve a unit. The guest will be scheduled with information about the availability of the unit for the requested time. System maintains date consistency with proper business validation. Database connectivity was planned using Java Data Base Connectivity and approvals and approvals were checked at every phase. User-level accessibility is restricted to her two zones, the admin zone and the regular user zone.

1. INTRODUCTION :

The entire project was developed with distributed client-server computing technology in mind. The specification has been normalized to eliminate possible anomalies caused by database transactions performed by real administrators and users. The user interface is browser-specific to allow distributed access to the entire system. The internal database was chosen as MYSQL It leverages the underlying constructs of tablespaces, clusters and ridex to improve data storage consistency and reliability. MYSQL was chosen for its high reliability and security. The entire front end was dominated by HTML standards with Java server page dynamics applied. The communication client was designed using servlets. Great care is taken at all appropriate levels to ensure that the system maintains date consistency with proper business validation. Database connectivity was planned using Java DataBase Connectivity and approvals and approvals were cross-checked at every stage. User level access is restricted to his two zones, the administrator zone and the normal user zone.

Existing System:

Currently, all work in the room is done manually. When a guest makes a reservation, all reservation details (including guest details) are recorded in the room register. Invoices and inventory items are also manually calculated when the customer checks out. Doing everything manually and storing information in the registry takes a lot of time and wastes a lot of valuable man-hours. Manual calculation of invoices is also error-prone. When an administrator needs outdated information such as room records or booking details, finding old records is a very tedious task and finding records from old files takes a lot of time. Below are the main issues when manually managing a room.

Keeping records manually is very time consuming. Data is handwritten and therefore not always reliable. Wrong phone number. The booking process is slow. The user must manually determine if the room is available. Room information data is not protected. It can be easily stolen or tampered with. Finding records is taking too long. Retrieving guest records is very difficult. Users must manually search each record to find the information they need. It takes a lot of time.

2. LITERATURE SURVEY

Most property managers today manage property and tenant data on paper. In current systems, recording details of a user's various activities is entirely manual and requires a lot of paperwork. Each house has a file containing number of houses, size, monthly rent, expected deposit of occupants, and status. The rent payment table contains tenants: first name, last name, phone number, payment date, amount, and balance (. Existing systems only provide text-based interfaces and are not as user-friendly as graphical user interfaces. The system is implemented manually and is very slow to respond. Therefore, we need to reform the system with more benefits and flexibility. The system removes most of the limitations of existing systems.

Proposed System:

Automated Distributed Architecture The system can support problems such as:

- 1) The system manages different locations that are available and registered in a central database, making them easy to access and consistent.
- 2) All available units and all unit facilities are also available with a mouse click.
- 3) New guest registration is online. New guests can easily register for the registration process within 24/7.
- 4) The decision-making process becomes faster and more consistent

Languages Used:

Frontend: HTML, CSS
Backend: PHP, Javascript
Database: MYSQL

Required Software:

- 1) Any Windows Operating System.
- 2) Google Chrome, Mozilla Firefox
- 3) MYSQL
- 4) XAMP Server

Modules:

Rental system where students or individuals can get a room and house, or monthly payment system Below are the modules of the project:

1. Administration • Manage and monitor the entire system and the house and rooms for a monthly fee. Administrators can add and remove house information about houses and add clients to the server.

Future of the project:

With the help of the project, you can get room information for houses available for rent. This project will help you find rooms and homes on a minimal budget. This project helps find single rooms for college and high school students. This project will help you save time by finding a room on a minimal budget without spending extra time. In the future, these web-based projects can be designed using the Android Application Language to build Android applications. Conclusions: Project conclusions help find the nearest room for a student. Projects can provide information about room facilities

3. CONCLUSION

The conclusion of the project is that help to find the nearest room of the student. The project can gives the information about facility are available on room. Project can helps to find the rental house for the family as per there requirements

4. REFERENCES:

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