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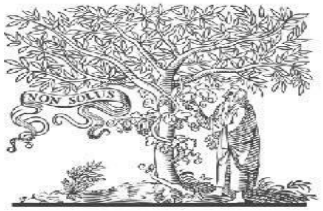

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Paper Authors

**Prof. Sunil Chinte**

**Pavan A. Kadam, Rohit G. Jadhav, Mayuri S. Karale, Sakshi S. Gulhane, Pradnya S. Khade**


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# ROOM RENTAL SYSTEM

**Project Guide : Prof. Sunil Chinte**
**Pavan A. Kadam, Rohit G. Jadhav, Mayuri S. Karale, Sakshi S. Gulhane,Pradnya S. Khade**
Student Department Of Jagadambha Collage Of Engineering And Technology,Yavatmal

## Abstract :

Room Rental System is a project designed for engineering students to simplify the process of renting a room. The system priovides an online platform where student s can search for available rooms, view their details,and book their preferred room.The system is designed to simplify the ren tal process for landlords and tenants, with features such as various facilties provide byowner.The system is built using modern web technologies and can be accessed fro m any device with an internet connection. Users can create accounts, update their file s and view their rental history.

The system also includes a dashboard allo wing landlords to manage their rental prop erties, view tenant details and accept or de cline booking requests.

## Keywords:

Room Rental System, students, online platform, rental process, landlords, tenants, modern web technologies, rental history, dashboard, secure platform, convenience, time-saving, paperwork reduction.

## Literature review :

A literature review is a critical review of existing literature on a particular field or to pic. With respect to the Room Rental System Project, the literature review will include a review of existing research onsimilar rental systems, related technologi es, and industry trends. Here are some relevant areas to consider in a literature rev iew for a room rental system project:

The literature review should cover existing rental platforms such as Airbnb, Booking. com and Zillow.

The study should examine their features, functionality, and design, and their impact on the rental industry..

Overall, the desk study should provide a comprehensive overview of existing rental platforms, their features, functionality,

and user experience. The study should also examine emerging trends and technologis that can be incorporated into the room rental system project.

## Existing system:

Currently, all work in the room is reservation, all details of the reservation including guest details are reco rded in theroom register. Invoices andinventory items are also manually calculated at the checkout of theclient. Doing Everythin gdone manually. When a guest makes ama nually and storing the information in regist ry takes a lot of time and wastes a mostof the valueablehours.The manual calculation of the invoice is also incorrect.

When administrators need outdated information such as room records or reserv ation details,finding old records is a ver tedious task and finding records in old files is very time-consuming.

Data is handwritten, not always reliable. Wrong phone number.The booking process is slow. The user must determine if roomis available.Part information data is n ot protected. Itis easily stolen or tampered with.

It took too long to find records.Hard to find guest recordings.Users must manually sear ch

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through eachrecord to find the informati on they need. It takes a long time.

## Proposed System:

Automated Distributed Architecture The system can support the following issues:

1) The system manages different locations that are available and registered in the central database, making them easily accessible and consistent.

2) All availableunits and all unit facilities can also be clicked on with the mouse.

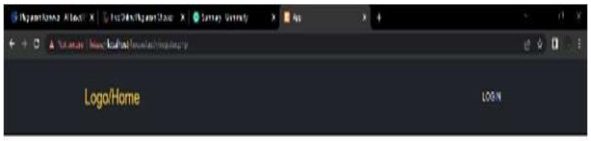
3) Registering new guests online. New guests can easily register for the registratio n process 24/7.

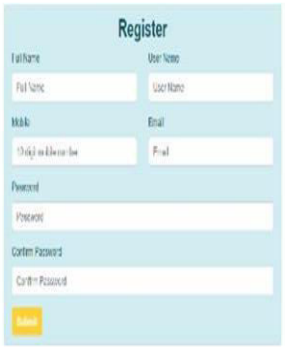
4)The decision making process becomes Faster and more consistent.

## Modules :

The Proposed the system contains two modules.

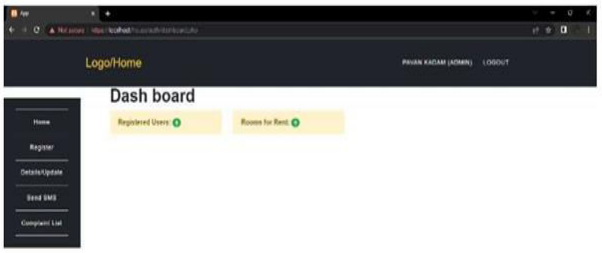
- User Module: This module will be accessible to engineering students who are looking to rent rooms. It will allow them to view available rooms, make reservations, view booking details, make payments, and provide feedback.




Here user can login with their username and password. If the user new in our platform or does not have account then if must firstly register with unique contact number andemail id.

- Admin Module: This module will be accessible to administrators who manage the room rental system. It will allow them to add new rooms, view and manage reservations, manage room inventory, generate reports, and perform other




administrative tasks.

Admin can manage all the user details it shows complaint, It add new user and room available in area. User can change the functionality such as occupied or vacant .Suppose firstly room will be vacant and some student can get on rent then user canchange the vacant to occupied.

## Future Scope of Project :

The proposed room rental system will provide college students with a convenient and efficient platform to find rooms renth at meet their needs. The system will allow students to search for available rooms basd on location, price range, room type,

and other preferences. They can also view detailed room information, including photos, amenities, and availability. Once they have found a room that suits them, they can make a reservation, view reservation details and pay online. This will save them time and effort compared to the traditional method of manually finding and renting rooms.

Overall, the room rental system will provide valuable services to students and make the process of finding a room to rent more convenient and easier.

## Conclusions:

In summary, the proposed room rental system will provide engineering students with a user-friendly and efficient platform for finding and renting rooms. The system will allow students to search for available rooms, make reservations and pay online according to their preferences. The system will also provide an administration module to manage system inventory, reservations, and other administrative tasks.

Overall, the room rental system will provide a valuable service to engineering students and make the process of finding and renting rooms more convenient and accessible. The system will save time and effort for students and administrators and improve the overall rental experience

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