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Development of House Rental Management System

Ritik Harshe, Kaustubh Chore, Aniket Wankar, Chaitanya Mandviya, Shivani Zilpe, Tejaswini Ganjare

UG Students, Dept of I.T., DMIETR , Wardha ,RTMNU University, India

ABSTRACT : House rental system helps user to register individual home or apartment to assist you in finding the perfect rental home or property. Also we can find your next rental from search view in your targeted area. This website is designed to attend to all our needs from buying property, selling property or renting of property in India. Here we found the better opportunity to invest our value of entire life. Property helps us to maintain the database of various property & agents information. It not only helps us to maintain the agent information but here we also allow agents to access the portal updated information across the global environment. We know it is a tiring to call individual property agents, arrange appointment, finding better time for appointment and they will assist you. For such complex process we provide a one simple online form which requires your basic information and we will assist in sort time period.

I. INTRODUCTION

A home is a dwelling-place used as a permanent or semi-permanent residencefor an individual, family, household or several families in tribe.You rent a room in your home that is always available for short-term occupancy by paying customers. This room is used solely as a hotel or similar establishment and isnot a dwelling unit.

Home is one of the basic needs for human being. From the four need of humanbeing as its need people who have no home may live through paying rent forother people who have more houses. But here what we have to understand isthat the relation between the person who rented house and the renter. Thereare different renters who have different behavior that show differentcharacteristics on rented people. Some renters may have a positive relationshipothers may not. Here those renters who have bad behavior may showunpleasant or bad behavior on rented peoples. But here what we have thoughtis that how those rented people for renter that have bad behavior we live together.

Renting of home may have advantage as well as disadvantage. Advantages ofrented person from that particular house are renter may work other kind of work with the time of constructing that house, he/she may not repair if thathouse deprecates etc. on the other hand the rented may get difficulties ordisadvantage from that particular house are payment of period calls may enter into bankruptcy, the renter may ask him to leave his house with an expected time. He/she may not have full freedom to wonder in the compound of thatparticular house, even he/she may not have right to enter after passing of theentrances time. The rented person may consume match time to get with therenter; he /she pays commission for the intermediate. Protects human being from the harmful things. Home is a necessity, and for some people support is a necessity too .social homing is rented homing provided for people who cannot afford to buy, or to pay private rented sector rents. Our system considered this problem and solve in the available time.

II. OBJECTIVES

- The objective of this project entitled "**House Rental System**" is to provide a user friendly and easily understandable GUI to manage the details of House , Rent, Customer , payment, house status .
- It manages all the information about House status.
- This project also helps users to search house on rent in particular city.
- It also manages information of owner and customers.
- A central database has been designed which will help in removing the problems associated with the existing manual system and will also keep the record safely.

III. WORK DONE

MODULES DESCRIPTION

➤ **ADMIN MODULE** :This Admin module contain the complete details about customer and view the customer complaints. There are some modules like login, user view, add/view rooms, send message to customer, view complaint from customer. Login is use to create a login and sign in to the login. User view contain the user details. The admin can add and view the rooms. If the admin want to contact customer they can send a message. Any complaint by customer that can be view by the admin.

➤ **TENANT MODULE:** Tenant Modules contain the every user details who register as the user. The people who want to buy the home for rent they want to register as a user and login. The user can check the room details and availability of the room which is nearby them.

➤ **OWNER MODULE :**In this module owner can register a room and all the details about the place .first off all the owner has to authenticate the email and then regster for the further process
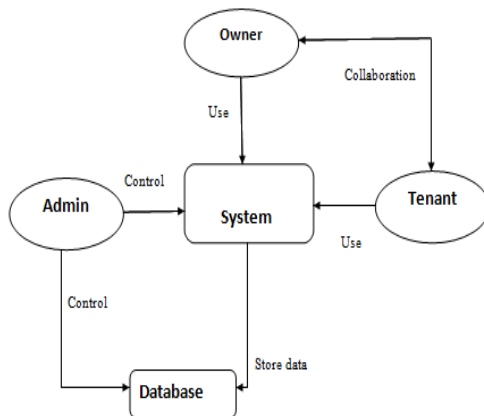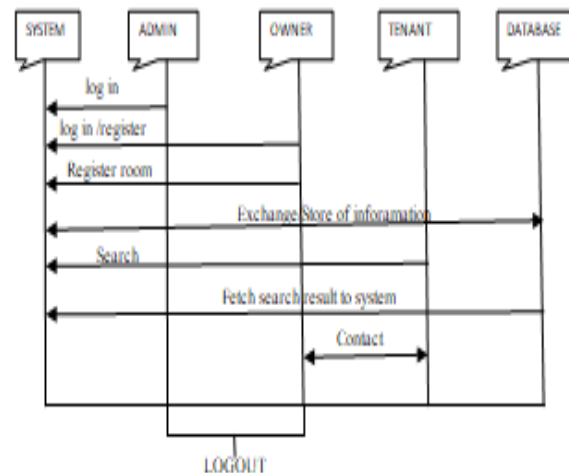

Fig1. Architecture of System   Fig2. Use Case Diagram

IV. TECHNOLOGY USED

1. CSS (Cascading Style Sheets)

CSS stands for Cascading Style Sheets: CSS defines how HTML, elements are to be displayed styles were added to HTML 4.0 to solve a problem CSS saves a lot of work external Style Sheets are stored in CSS file.

2. JAVASCRIPT

JavaScript is a lightweight, interpreted programming language designed for creating network-centric applications complementary to and integrated with Java and HTML, open and cross-platform

3. USES OF JAVA SCRIPT

➤ **Use it to add multimedia elements:**

With JavaScript you can show, hide, change, resize videos, and create image rollovers. You can create scrolling text across the status bar.

➤ **Create pages dynamically:**

Based on the user's choices, the date, or other external data, JavaScript can produce pages that are customized to the user.

➢ **Interact with the user:**

It can do some processing of forms and can validate user input when the user submits the form.

Database:

There are three information which you would like to have from MySQL.

- **Information about the result of queries**: This includes number of records affected by any SELECT, UPDATE or DELETE statement.
- **Information about tables and databases**: This includes information pertaining to the structure of tables and databases.
- **Information about the MySQL server**: This includes current status of databaseserver, version number.

It's very easy to get all these information at MySQL prompt but while using PERL or PHP API's we need to call various API's explicitly to obtain all these information.

5. PHP

Hypertext Preprocessor (or simply PHP) is a general-purpose programming language originally designed for web development. It was originally created by Rasmus Leadoff in 1994 the PHP reference implementation is now produced by The PHP Group PHP originally stood for Personal Home Page, but it now stands for the recursive initialism PHP: Hypertext Preprocessor.

V. SIMULATIONS AND RESULT

Effectively resolving the apartment issues is important to the buyer's long-term future, the Home Rental Project will be an important tool for creating rental housing stability by helping tenants speak with greater credibility through initiating and documenting communications and building productive relationships with sellers. Finally, the goal of the project is to create a better relationship between tenants and a sellers which can be achieved through this project
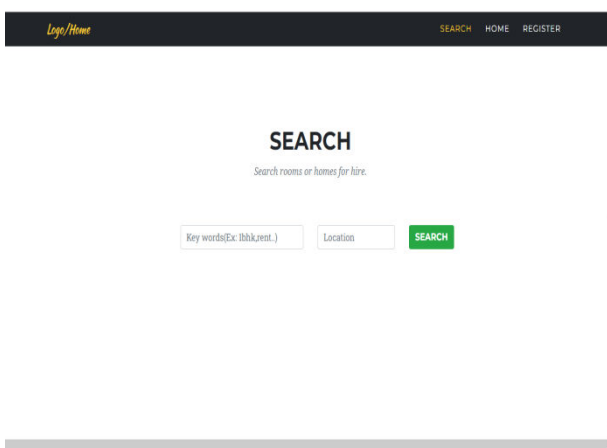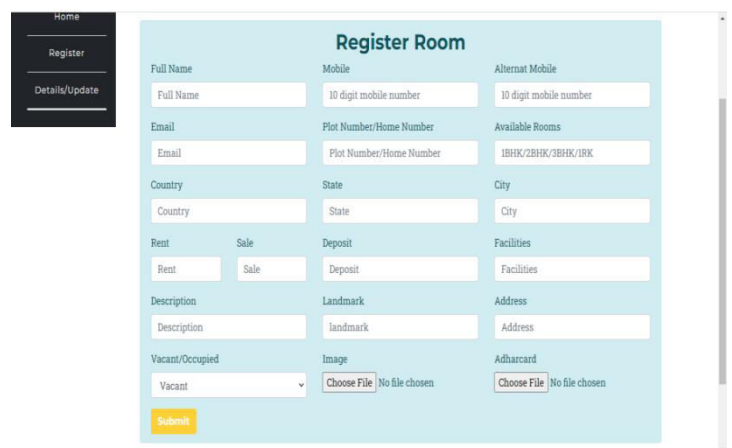

Fig 3. Home Page   Fig 4. Registration Page

VI. CONCLUSION AND FUTURE WORK

In future our project is meant to satisfy the needs of rental house owners. Several user friendly interfaces have also been adopted. This package shall prove to be a powerful in satisfying all the requirements of the users. It is with utmost faith that I present this software to you hoping that it will solve your problems and encourage you to continue appreciating technology because it is meant to change and ease all our work that seems to be very difficult. I don't mean that my project is the best or that I have used the best technology available it just a simple and a humble venture that is easy to understand. In extent we can add GPS system in build and can give live chat online option to users.

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BIOGRAPHY

Prof.Sunny Gandhi Is a Research Assistant In The Information Technology Department,DMIETR Wardha RTMNU University.He Received A Master Of Computer Application(Mtech) Degree Ans Published Lots Of Research Paper On Different Computer Science Topics Etc.

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📱 9940 572 462 🟢 6381 907 438 ✉ ijircce@gmail.com

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