MINI PROJECT – (II)

(2021-2022)

House Rental System

<u>SYNOPSIS</u>

DEPARTMENT OF COMPUTER ENGINEERING & TECHNOLOGY

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1.INTRODUCTION

The main objective of the project is to provide the convenience in rental booking of Apartments for all group of People in a simple way. This project is basically Full-stack Web Project which has aim to easy booking of Apartments for the people.

In particular, this House Rental System project in PHP MySQL focuses mainly on keeping track of properties for rentals. Also, the system displays all the properties with their respective details. In addition, the system allows managing customers' records. Evidently, this project only contains an admin, customer panel with a client-side interaction. In an overview of this web application, a customer can simply register their own account to start in. In short, the system requires a number of property details. It includes owner details, room details, pricing details, images, and more. Here, the user can register their room as well as apartment details. However, the admin can also make changes to each and every customer's property details.

Rental house management has turned out to be critical figure current society subsequently the need a rental house administration system.

2.Motivation

We are working on this project to give happiness to all kind of Everything is more secure, easy to use and easily accessible in this modern world. Thus, the use of house rental system is needed to manage, search and book the housing system easily. In order to give easy access to find the houses as per the users need, the web application has been developed in this documentation. And it includes all the detail information about the project respectively

The international organizations and diplomatic missions will get facilities of getting a well-done system for improvement of its services

3.Proposed Technologies

1. **PHP:** The **PHP Hypertext Preprocessor (PHP)** is programming language that allows web developers to create dynamic content that interacts with databases. PHP is basically used for developing web-based software applications.

2. **HTML**: **(Hypertext Markup Language)** is the standard markup language for documents designed to be displayed in a web browser.

3. **CSS : Cascading Style Sheets (CSS)** is a style sheet language used for describing the presentation of a document written in a markup language such as HTML.

4. **JavaScript: JS**, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS. Over 97% of websites use JavaScript on the client side for web page behavior, often incorporating third-party libraries.

5. **Database:** A database is an organized collection of structured information, or data, typically stored electronically in a computer system

6. **MySQL:** MySQL is the most popular Open-Source Relational SQL database management system. MySQL is one of the best RDBMS being used for developing web-based software applications.
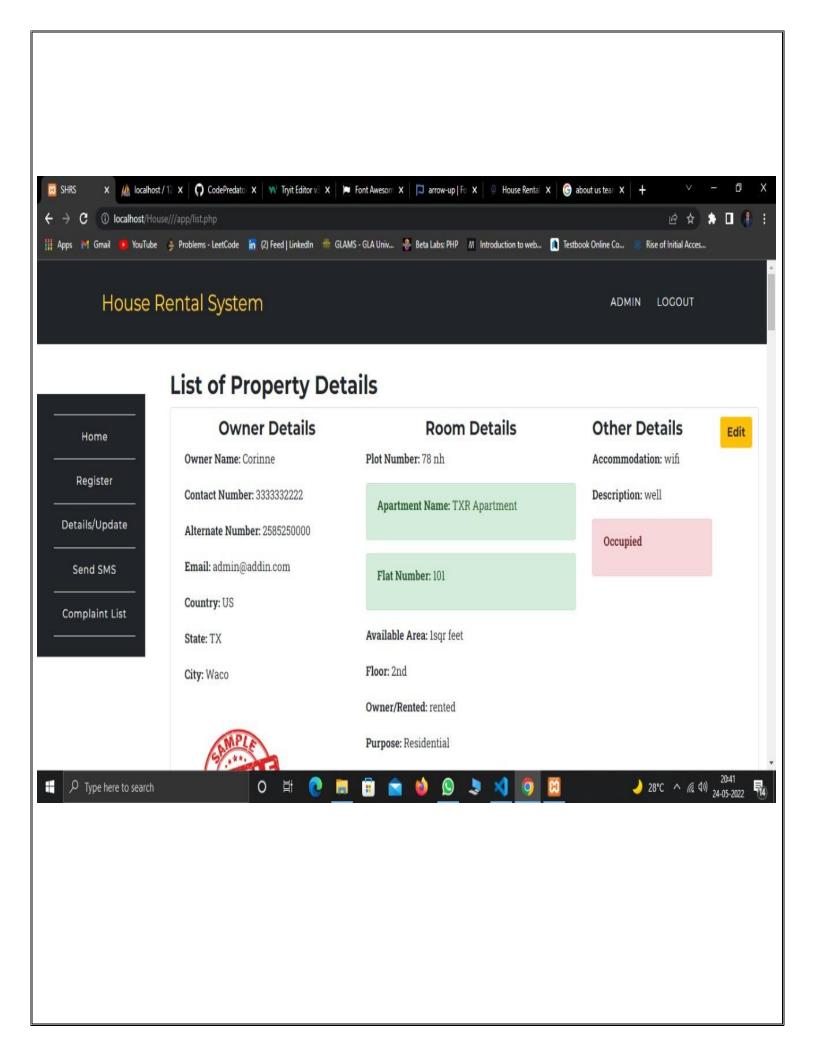
4.Picturization of Our Model

(Login Form)

House Rental System

Login Panel

Email Address/Username

Email

Password

Password

Login

House Rental System

ADMIN LOGOUT

List of Property Details

Home

Register

Details/Update

Send SMS

Complaint List

Owner Details

Owner Name: Corinne

Contact Number: 3333332222

Alternate Number: 2585250000

Email: admin@addin.com

Country: US

State: TX

City: Waco

Room Details

Plot Number: 78 nh

Apartment Name: TXR Apartment

Flat Number: 101

Available Area: 1sqr feet

Floor: 2nd

Owner/Rented: rented

Purpose: Residential

Other Details

Accommodation: wifi

Description: well

Occupied

Edit

House Rental System

ADMIN   LOGOUT

Individual Home Registration   Apartment Registration

Home

Register

Details/Update

Send SMS

Complaint List

Register Room

Full Name

Full Name

Mobile

10 digit mobile number

Alternate Mobile

10 digit mobile number

Email

Email

Plot Number/Home Number

Plot Number/Home Number

Available Rooms

1BHK/2BHK/3BHK/1RK

Country

Country

State

State

City

City

Rent

Rent

Sale

Sale

Deposit

Deposit

Facilities

Facilities

Description

Landmark

Address

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5.Module to be Define

A) Administrator

1. He/she is a super user who enjoys all the privileges.
2. Add Update Display Delete booking details.
3. Add Update Display Delete address Information.
4. Approve/Disapprove The Request of booking.
5. View Total booking of each all Users.
6. Can send instruction/notification to every User.
7. Update Records.

B) Management

1. He/she is required to create account and then gets approved by the administrator.
2. View the list of bookings and Manage the available or unavailable house.
3. Update Delivery OR Payment Methodology.
4. He/she will manage the address details.

C) User

1. He/she needs to create an account.
2. Can view Availability of Apartment in Nearest Area.
3. Generate the booking.
4. Choose the payment Mode.
5. Update his/her details.

5.Future Scope

As the working locations are mainly not in the same city or place from where we are belong to. We provide them house or apartment, our website will deliver this service in whole India etc.

6.Audience Target

Mainly we are trying to target homeless people in other cities, people apart from his home and looking for rental house.From this person who are working employees or doing business in another cities, far from home get benefited.

7.Advantages / Disadvantages

Advantages:-

- This system helps to reduce the wandering of the people those are looking for rental Apartment or house.
- People can book their Apartment according to their preference.

Disadvantages :-

- It requires an internet connection.
- It requires large database.

8.Software Requirements

- **Database** : My SQL

- **User Interface Design** : PHP, HTML, CSS, JS

- **Web Browser** : Mozilla, Google Chrome, IE8, OPERA

- **Software** : XAMPP, Visual Studio, Material Component

- **Operating System** : Windows

10.Hardware Requirements

- **Hard Disk** : 200MB upto 310 MB

- **RAM** : 4GB

- **Processor** : Core i3 (8th generation)

- Computer Device, Mobile (To check the working of our website).

10.References

1.https://www.w3schools.com

2.https://www.javatpoint.com

3.https:// www.php.net