

SHELTER:- House Servicing System

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Abstract- Online House Servicing Management System is a web based application related to online applications of estate. The biggest advantage of online house site is, it provides online tool to communicate between owner and tenants. This site provide option for owner to put an ad in this site, interested user can check out the ad and they can contact the owner for rent, lease or purchase of the property. It is very easy to search for the perfect house as the online offers are endless. All services are does free of cost. Our main concept is to give best & quick result to user. Many people of different professions like students, working executive, households etc. faces a change of residence and have to shift to that particular area where they are needed, but finding a good and healthy house or property is a big task for them our housing management system will play a major role in these type of things and will help such citizens and made their life easier and simple. A System that provides variety of services like plumbers, movers and packers, repair persons, cleaners, electricians, painters, taxi service laundry and many more. To make it comfortable for all the users our system also provides a mobile environment which offers ease in accessing our services. It is important to manage both professional and family life. In such circumstances ,every one of us would have fantasized about a kind of house which doesn't have any leaks in pipes, if it doesn't have any mess in fixing a furniture and a kind of house which never face any maintenance issues and every one of us have thought that a life would be much better if no point of issue arises in getting a service at your door step and if there is no mess in bargaining a labor for home service.

Index Term: HTML; CSS; JavaScript; Bootstrap; PHP; UI; Web Application.

I. INTRODUCTION

This Project is about the WEBSITE for House Servicing System.Housing Management comprises two separate words one is housing and the other is management, as we can see in simpler terms managing houses is what should be called as housing management but it has a broader perspective. This web site is online houses servicing management to maintain all the property details online its brings the houses management online enabling real estate management participants to benefit from the Internet. Our site mainly deals with property. In dealing with property two fields are mandatory. Those are owner and customer registration. Its acts as an interface between Individuals, House Owner and Customers.

It will provide a brief understanding about background of study, definition of the project problem statement, its objectives, scopes, project justification, risks, project deliverables and project budget and schedule. The client can book their favorite property online with just a few clicks and they can also directly talk to the owner with details provided at their end.A House rental is a house that can be used temporarily for a period of time with a fee. Renting a house assists people to live in a comfortable house when they do not have access to build their own personal homes/houses or. The individual who want to rest a house/room/apartment/home must first contact the house rental company for the desire House/Home/apartment.

When someone need aid with small but major household tasks, the trouble arises when service skilled persons are unavailable or the trusted providers are impossible to find, who delivers consistently flawless service on instance. Our online system for household services provides the most expedient and annoys free way to get your domestic work done. We aim to help in providing optimal solutions to all your household troubles with more efficiency, ease and majorly, a delicate touch.

II. RELATED WORK

A house renting and buying system serves as a digital platform that facilitates the process of finding, evaluating, and securing residential properties. This comprehensive system typically integrates features for both prospective tenants and buyers. Users can search for properties based on specific criteria such as location, size, amenities, and budget. Advanced search filters help narrow down options to match individual preferences. The system provides detailed property listings with images, floor plans, and descriptions, aiding users in making informed decisions. For those looking to rent, the platform often includes features for lease agreement management, rent payment processing, and communication with landlords. On the other hand, prospective buyers can access mortgage calculators, virtual property tours, and information about the local real estate market. The system streamlines the transaction process by incorporating secure payment gateways, document signing functionalities, and a centralized platform for negotiations between parties. By incorporating secure payment gateways, document signing functionalities, and a centralized platform for negotiations between parties. Overall, a house renting and buying system leverages technology to simplify and enhance the property search and acquisition process, offering a user-friendly experience for individuals navigating the competitive real estate landscape

III. PROPOSED WORK

This project provides the facility in which one can find house, apartment on rent whenever needed. This starts with registration of renter and land lord which includes all details of renter and land lord with their ID verification. Renter can also search home, room with location and house details and choose feasible house and rooms according to their need.

Land lord can also post availability of house and rooms and manipulate updates and details. Other details are manipulated by Admin like ID verification. After all renter and land lord can make conversation and deal. This whole process also includes managing of house for rent and also deals with security and legally. The Proposed system involves three actors which include a Admin, Service provider, and a Customer. Admin has the beginner rights to access and modify the website where he/she needs to login to do so. Then next to admin comes the customer who wants avail our services should precede with the registration and login process. At last a service provider is the one who provides a service, where they should also go with the registration and login process and they should precede with files uploaded and once the services is confirmed they are intimated to provide the services and when done after services if the customer is unsatisfied with it based on the customer review if required they should provide the re-service. Once the request has been done then he can forward it to payment process and to confirm service after the service has been done a customer can rate the service. And in worst case if the customer is not satisfied with the service they can move with the return.

IV. RESEARCH METHODOLOGY

The Proposed system involves three actors which include a Admin, Service provider, and a Customer. Admin has the beginner rights to access and modify the website where he/she needs to login to do so. Then next to admin comes the customer who wants avail our services should precede with the registration and login process. If required a customer can upload a file that describes about the services. Once the request has been done then he can forward it to payment process and to confirm service after the service has been done a customer can rate the service. And in worst case if the customer is not satisfied with the service they can move with the return policy process. At last a service provider who is the one who provides a service, where they should also go with the registration and login process and they should proceed with files uploaded and once the service is confirmed they are intimated to provide the service and when done after service if the customer is unsatisfied with it based on the customers review

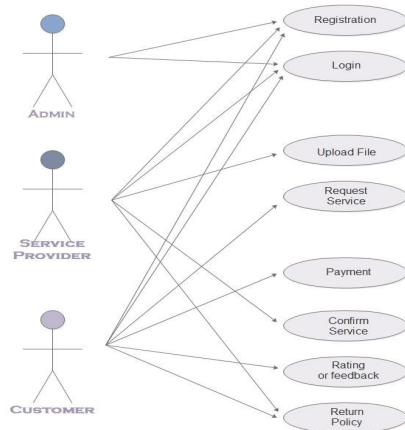


Fig1: Login flow Diagram

V. RESULT ANALYSIS

The project outcome is that we developed a web application that makes it convenient for both factions to find housing as their liking. A virtual system for house owners for their rental purpose property where they can easily find tenants and vice versa also with the pre-determined agreement. Sorted graphical locations of houses including maps around it are easy for tenants to find a place in a specific locality. The main aim is to develop a virtual platform for peoples to find a perfect match for their liking.

Objectives: Outline what the house serving system is supposed to achieve (e.g., efficient service delivery, high customer satisfaction, reduced wait times).

Metrics: Determine key performance indicators (KPIs) such as service speed, accuracy, customer satisfaction, system reliability, and cost efficiency.

Service Logs: Gather data on service times, completion rates, and error rates.

Customer Feedback: Collect customer satisfaction surveys and feedback forms.

System Performance: Monitor uptime, response times, and any system failures.

Descriptive Statistics: Compute mean, median, mode, and standard deviation for service times, accuracy rates, and other quantitative data.

Comparative Analysis: Compare performance before and after implementing the house serving system.

Trend Analysis: Identify trends over time to see if the system’s performance is improving.

Result :

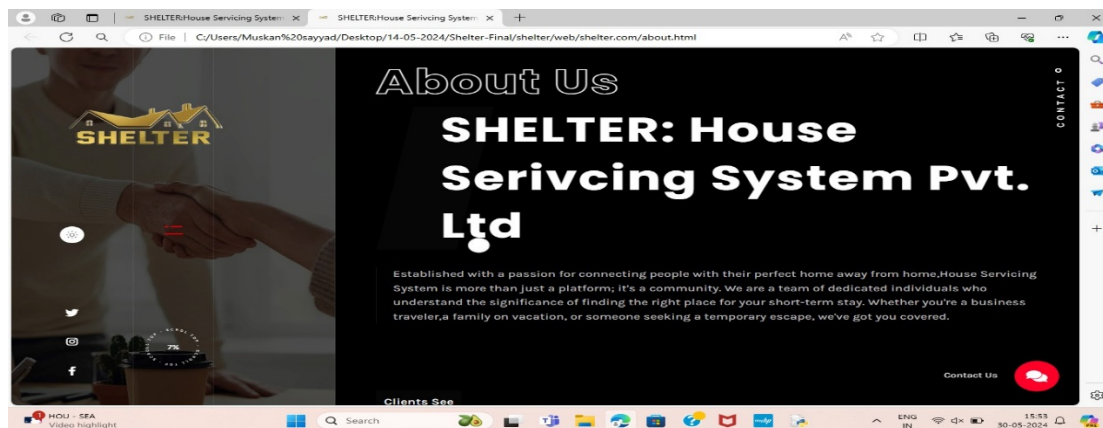


Fig 1: About Page

At HOUSE SERVICING SYSTEM, we are passionate about connecting people with their perfect homes, leveraging expertise and technology to streamline the real estate experience.

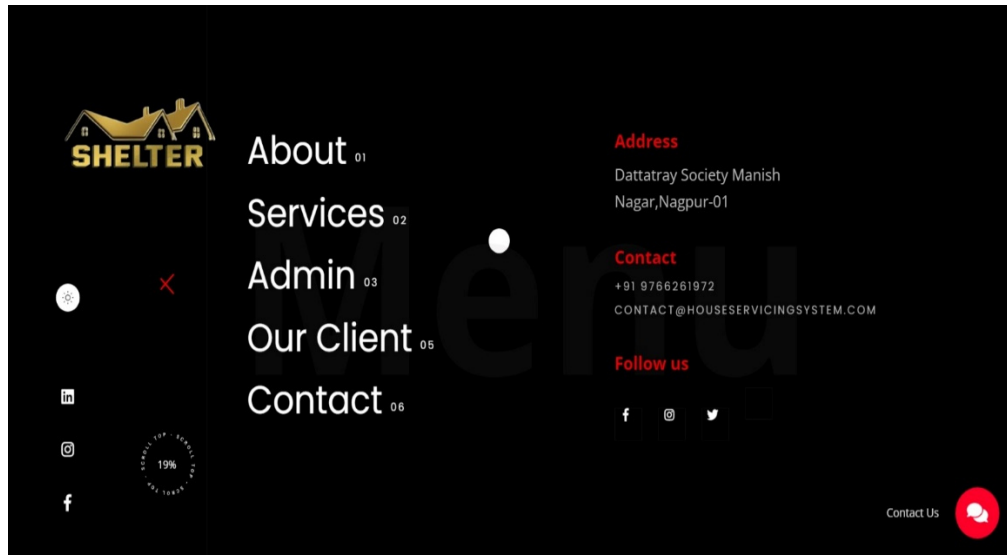


Fig2: Services page:

Filter listings by location, price range, amenities, and more to easily find the perfect property that aligns with your lifestyle and investment goals, while enjoying detailed descriptions, high-quality images, and virtual tours for a comprehensive viewing experience.

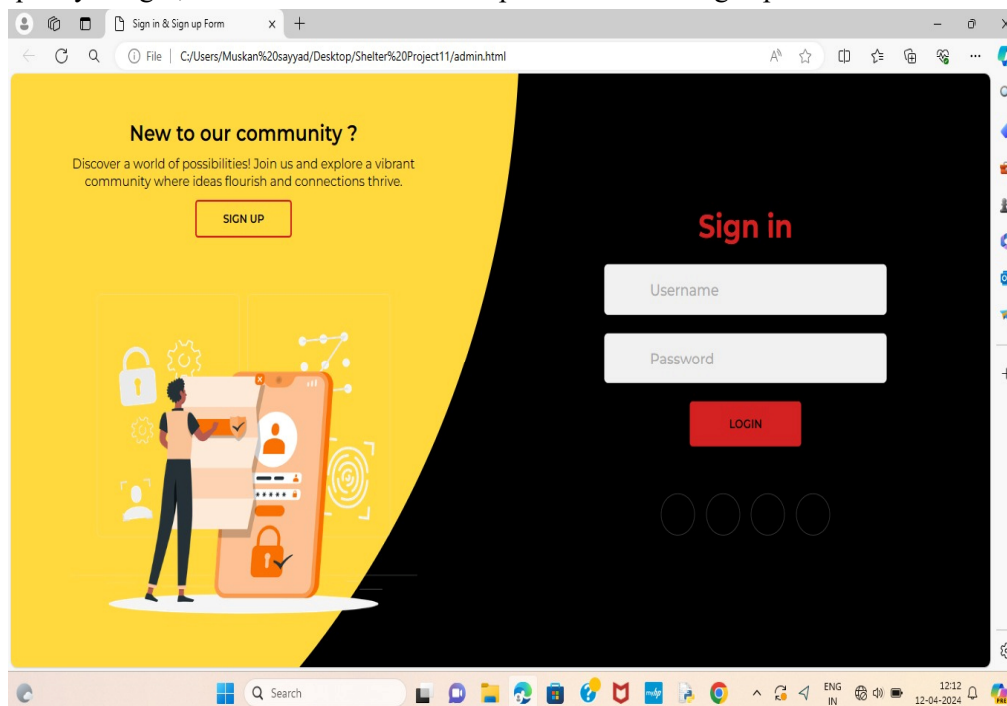


Fig3: Admin panel page:-

Join our community of home seekers, sellers, and agents by creating your personalized Account on our sign up page, where you can unlock exclusive access to premium Features and personalized recommendations. Our Admin page offers a comprehensive suite of tools and features designed to empower real estate professionals to efficiently manage listings, track leads, and streamline communication with clients.

VII. CONCLUSION

This House Servicing System is a web application that is made by using HTML, CSS, JS, PHP, and MySQL. All of this was developed in visual studio code by Microsoft. Our house software is a very convenient and user friendly software and it provides its users with various new features for enhancing their experience. The user will enter into our website and first he has to log-in or sign-up with their credentials and then they will be directed to our webpage where they will have to select the region in which they want to rent, buy and sell also a house and then after that they will be shown all the available properties in that specific area, from there they can select the house that meet their demands. This software will enhance the owner relationship and will aim at making customers' lives easier.

To reduce burden in finding in-house solutions for the services, the proposed system provides several services by providing service specialists at your doorstep in one click. A systematic mobile environment to system clients offers ease in accessing our services in a more comfortable way. With well qualified and background demonstrated professionals we make all your home cleaning, plumbing, furniture maintenance, electrical works, appliance repair, house painting, vehicle service and many other services to be done in a click anytime from anywhere as easy as available.

The system can have prolonged by adding the services such as mobile and computer repair, laundry services, catering services and many more. The discussion payment methods our system has, for example currently system has online payment by only MasterCard users further it can be extended by adding the payment services for visa users also.

For example, the current system provides the following services such as home painting, home cleaning, packers and movers, plumber repair and service further the system can be extended as per the requirements of the user.

VIII. FUTURE SCOPE

Shelter website that provides a platform for users to buy, sell, and rent properties. To enhance its future scope and capabilities, here are several suggestions:

1. **Augmented Reality (AR) Integration**: Implement AR technology to allow users to virtually tour properties. This feature would enable potential buyers or renters to explore properties in a more immersive way, even from remote locations.
2. **Machine Learning for Personalized Recommendations**: Utilize machine learning algorithms to analyze user behavior, preferences, and search history to provide personalized property recommendations. This can enhance user experience and increase the likelihood of successful transactions.
3. **Virtual Reality (VR) Property Tours**: Offer VR property tours for a more immersive viewing experience. This feature would appeal to tech-savvy users and could differentiate Magic Bricks from competitors.
4. **Enhanced Visuals and 3D Floor Plans**: Provide high-quality images, videos, and 3D floor plans for listed properties. This would give users a better understanding of the layout and features of each property, improving their decision-making process.
5. **Chatbots for Customer Support**: Implement AI-powered chatbots to assist users with property inquiries, scheduling

X. REFERENCES

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