Online Property Management System

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ABSTRACT
Real estate is a type of business that deals with the sale, purchase, and rental of land, structures, and services. The duties of real estate agencies include renting out properties or selling them. Buildings, retail spaces, apartments, houses, bungalows, and so on. Many people look for property for a variety of reasons such as hearthstone, services, faculty, and so on. Every person desires to have a fashionable home with fashionable fixtures. In order to increase deals and productivity, services should be located near the request area.

As a result, this real estate system provides functionality for buyers by allowing them to search for lands/property based on features or address.It gives the dealer functionality.
Keywords: Real Estate,Technology, Buying and Selling.

I.   INTRODUCTION
Real estate is a type of business for selling, buying, renting land, offices, etc. Real estate agencies duties include, to give the property on rent or else to sell the property.
Properties like building, retail sites, flats, houses, bungalows etc. Many people search for property for many purposes like residence, offices, faculty and etc.

1.1 Introduction to project:
Every individual wants his house to be in the best location with best facilities. Offices should be near market area in order to increase sales and productivity. The manual real estate agency follows a lengthy and hectic process. People need to meet the agent in person, for checking the Property details and also needs to visit the location.So to overcome these problems we are proposing a property management web- site called "LOCATESY".
A website will be the best option since it is accessible through all platforms and can be shared easily.

1.2 Problem Statement:
The online real estate management system where people can buy, sell and rent their properties from anywhere to anybody atanytime.

II.   OBJECTIVE
Real Estate agents or property owners can add property for selling or renting.
Users can buy property within few clicks.
Users who want properties on rent will find it easy since empty apartments will be available in just one click.
Making the process transparent and fast so it will not feel like a job!

III.   LITERATURE REVIEW
Real estate is a field that has greatly expanded and has provided many users with a large ground for scope for finding desirable properties and for businessmen. The users require appropriate properties, and the entrepreneurs who provide this information assist the users in making an accurate selection of properties. The idea has taken off due to the enormous amount of profit this concept holds for both parties involved. Initially, the entire real estate process was done by hand. However, due to the increasing capabilities of the Internet and the popularity of the concept, many web sites that provide real-estate information to users have emerged.
These websites guide the user through various properties and assist the user in locating the required and available estates based on his or her needs. Traditional web site illustration
1. 999acres.com
2. http://www.makaan.com/
3. http://www.magicbricks.com/
4. www.indiaproperty.com
5. http://www.commonfloor.com/
These websites offer features such as property search, property addition, and various offers that are beneficial to users. However, even with these features, there are some requirements that limit the scope of these sites. They are as follows:
1. No search provides accurate information about basic services available from the selected location, such as the distance to the nearest bus stop, railway station, hospital, and so on.

2. There is no flexibility in information retrieval, for example, listing houses within a 2Km radius of a location.

IV. MOTIVATION

Many industries have conducted research and discovered the effective use of Technology in their domain. One of these industries is real estate. There are numerous issues with the way the Real Estate industry has traditionally operated. If you want to invest in properties located somewhere, you will need to visit the property once, which will take time. There will also be several middlemen involved in this process. In the traditional Real Estate industry, there is a lack of transparency. The adoption of cryptocurrency will result in faster and more transparent transactions. The Panama Papers controversy highlighted a flaw in the way the real estate industry has traditionally operated.

V. PROPOSED SYSTEM

Our proposed system includes all of the features offered by thetraditional existing systems, but instead of only working in one direction. The system also works with non-spatial databasesspatial information The following features will be prominent in the system:

This feature includes:- Specification-based searching provides users with relevant information based on the specifications they supplied to the website For example, if a user is looking for a 1bhk house for 9 lakhs at Thane, then only those properties that meet the previously mentioned demand will be returned to the user. Notification to Agent When a user focuses on a specific property and clicks the "Confirm" button, an email message is automatically sent to the agent who manages the corresponding zone, informing the agent of the user's name, contact number, and email address.

Adding real estate for sale A user can list his property for sale so that it can be viewed by other potential clients interested in similar properties. The client is required to enter not only the location, but also pictures and the price at which he is willing to sell the property. Notifying potential users

When new items are added, a mail type is sent. All clients who have received notification are automatically notified were interested in or looking for a nearby property. As a result, those users are notified of the availability of that property. Allowing users to add interesting property discoveries in cart The cart is an additional database benefit to the users. The feature of adding would be available to users. Before making a final decision, put gripping properties into a cart. decision. This would assist the user in distinguishing between interesting property
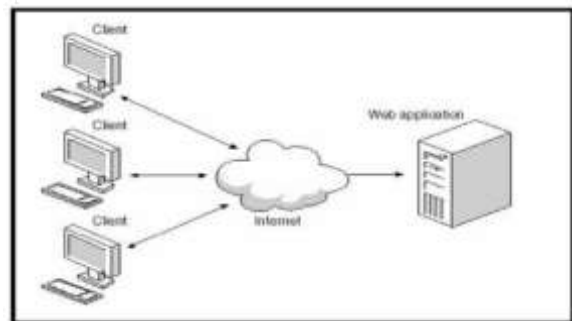
discovers and thus aids in final decision making Providing users with map-based search Once a specific.

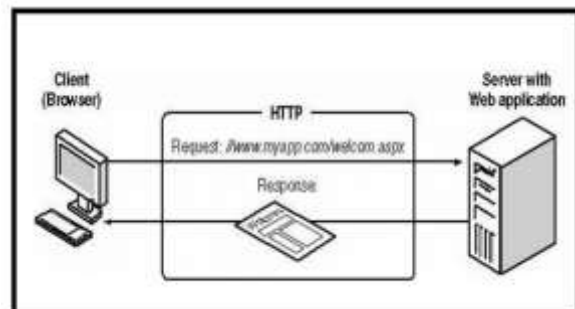### 5.1 Benefits of the Proposed System

1. A system that allows users to quickly and easily search for and sell properties.
2. The registered user can list his or her property for sale or rent.
3. The system is designed and developed in such a way that it attempts to solve all of the specified problems.
4. Because the system is online, it will provide accurate information about the property, allowing you to view all of the information from anywhere.

VI. ARCHITECTURE DESIGN

Web applications deliver content from a server to client machines via the internet, and users interact with the web applications via a web browser. The client/server architecture is used in this project. It is hosted on the web server and receives responses from other clients, as illustrated in Figure.

Microsoft Internet Information Services is used to power the real estate website application. IIS manages the project, handles client requests, and returns responses based on executable code, web forms, html pages, image files, and other content. These appeals and responses were transmitted over the internet using HTTP, as illustrated in Figure.

System Features:

a)   Payment Gateway:

Provide easy, secured, and fast payment services.Providing maximum payment options such as UPI, Debit cards, Net banking, etc.

b)   Property Visualization Using Map:

Provide easy, fast and accurate geological view of property.Easier to view all the surroundings of property.

VII.   CONCLUSION AND FUTURE SCOPE

7.1 Conclusion

The main purpose to develop this real estate management system project to resolve the issue of both buyer and seller. The seller can submit the property what he wants to sale with a full house or flat detail such as location, area, hall, kitchen, furnished, semi-furnished, price, and all facilities can list in the form, Buyer can search the property according to their budget,location then direct contact to the seller.

This Real Estate Web Application is a typical web application using Javascriptand MongoDB in the Python programming language. It uses a client/server architecture based on the HTTP protocol. It is developed in Microsoft's Visual Studio. Some ways in which this system could be enhanced with additional functionalities have been discussed. Whereas this system was developed using Visual Studio 2020, a future version might use the newer 2023 version which provides an object-oriented domain model.

7.2Future Scope

The project ensures secured buying, selling and renting of properties.

It promotes online dealing of apartments, offices, plots and farm lands.

Anyone can browse variety of properties at different places with different facilities.

Property dealing process becomes easy since buyer can directly contact to seller.

Property dealing is made possible in different dimension.

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