

REAL ESTATE PORTAL

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Abstract — We propose to build a real estate portal that allows users to post property for sale as well as search sort property and contact its owner online. It also consists of an innovative feature that allows users to post reviews of the dealing process with a buyer after their deal. This allows the buyers to verify a sellers profile and view his past deal experiences from other user reviews on his profile. Every user on the portal has a profile that can be viewed by to check his past deals status. A user may post bad reviews about another user he has dealt with if any payment issues are encountered during the deal. So users may now verify that particular user before dealing with him. Users may look for property as per area, Bhk, Location as well as other amenities like lift, furnished, semi-furnished etc. The system sorts property and displays results list as desired by user. Users may also post a property for sale along with desired price, location and contact details. Dealers can advertise their new projects to the users with the permission of admin. New users can register with permission of admin. The product also provides also lists available loan strategies at present and directs user to the desired bank's website.

Keywords : Spatial Database, Information Visualization, Real Estate Information

I. INTRODUCTION

This website is an Online real estate business website through which a user can access its information and manage all the adding, updating, deleting the assets and some of its tasks. The Admin user can change the update the information regarding property selling and buying and cancellation. The system is very useful for the companies who develop apartments, hotels, villa, residential properties and commercial properties. Companies or individual agents can also advertise their property. This website is designed to attend to all your needs – from buying property, selling property or renting/ leasing of property in India. Here you found the better opportunity to invest your value of entire life. Property Portal helps us to maintain the database of various property & agent's information.

The real estate industry has undergone a significant transformation owing to technological advancements, and one of the notable developments in recent years is the rise of real estate portals. These online platforms play a crucial role in redefining the processes involved in buying, selling, and renting properties. This report provides a comprehensive analysis of real estate portals, examining their historical evolution, technological foundations, business models, market trends, and user satisfaction.

Traditionally, the real estate sector faced challenges such as complex transactions, lengthy processes, and limited access to information. Real estate portals have effectively addressed these issues by offering a centralized and user-friendly platform, fostering seamless connections among buyers, sellers, and renters. The emergence of these portals signifies a departure from conventional practices, ushering in an era of enhanced convenience, transparency, and efficiency in real estate transactions.

The core objective of this report is to thoroughly examine the landscape of real estate portals, uncovering the key elements contributing to their success while also delving into the challenges they encounter. By exploring the technological architecture, business models, and user experiences, the report aims to provide

insights into the profound impact of real estate portals on the industry. Furthermore, the report seeks to identify emerging trends and anticipate future developments in this dynamic and swiftly evolving sector. It is crucial to acknowledge the inherent limitations of this report. The rapid pace of technological change and market dynamics may lead to certain information becoming outdated over time. Additionally, the scope of this report is focused on major players and overarching trends, and specific regional or niche portals may not receive exhaustive coverage. Nevertheless, the findings and recommendations presented in this report aim to contribute to a deeper understanding of the pivotal role played by real estate portals in shaping the modern real estate landscape.

II. RELATED WORK

In olden days the transaction took place are recorded and maintain on paper. So it becomes very difficult to maintain the records, moreover the calculation are done manually this would creates mistakes and errors. This generates the result less accurate and less efficient and unreliable.

All such limitation have been overcomes under this project. In this project the information of new suppliers can be added, deleted, saved, updated by using the various command button provided to the user. So it becomes easier for the user to maintain the records. Similar provisions have been made for other detail option such as departments details, employee details etc.

The system development for the real estate portal involves a comprehensive approach encompassing several key stages. Beginning with project initiation, a thorough analysis of the requirements is conducted, ensuring a clear understanding of functional and non-functional aspects. The subsequent system design phase focuses on creating a detailed architecture, including wireframes and mockups to outline the user interface and database schema. Following this, the development phase commences, implementing both front-end and back-end functionalities, incorporating features such as property listing, search algorithms, and user profiles. Rigorous testing is then conducted to validate functionality, usability, and performance. Upon successful testing, the deployment phase involves setting up hosting infrastructure and configuring domain settings for the portal's public release. User training sessions are conducted for effective onboarding, and marketing efforts are initiated to drive user adoption. Continuous monitoring and maintenance ensure ongoing performance, security, and feature updates. The system development process is iterative, allowing for user feedback incorporation and adaptation to emerging trends in the real estate industry, resulting in a dynamic and responsive real estate portal.

III. PROPOSED WORK

Our proposed system gives all the features provided by the traditional existing systems, but instead of working only with non-spatial database, the system also works with spatial data. The system will have the following prominent features: -

Specification based searching This feature provides the related information to the users according to the specification they have provided to the website. For e.g., if a user is looking for a house with 1bhk at 9 lakhs at Thane, then only those properties which satisfy the aforementioned demand will be returned to the user.

Agent Notification Once the user is focused in a particular property and clicks the "Confirm" button a mail type message would automatically be sent to the agent who manages the corresponding zone, informing agent about the user's name, his contact number and email address.

Adding property for sale A user can add his property that he is willing to sale so that it can be viewed by other potential clients focused in similar property. For this purpose, the client is supposed to enter not only the location but also pictures and the cost at which he is willing to sale that property. **Notifying interested users** Whenever a new stuff is added, then a mail type notification is automatically sent to all those clients who were interested or were searching for

a near property. Thereby notifying those users about the availability of that property. Allowing users to contact the retailer. The loan is an added database advantage to the users. The users would be given the feature of borrowing a loan from the retailer before making a final decision. This would help the user to dispartate interesting property finds and thus help in final decision making.

Providing user with the different areas in which properties are available for sale, the user can easily select the desired property. The official documentation is an additional feature which helps us to clarify our doubts about the property and make sure that the property is certified by the government which gives us a clear amount of the property without fraud.

IV. PROPOSED RESEARCH MODEL

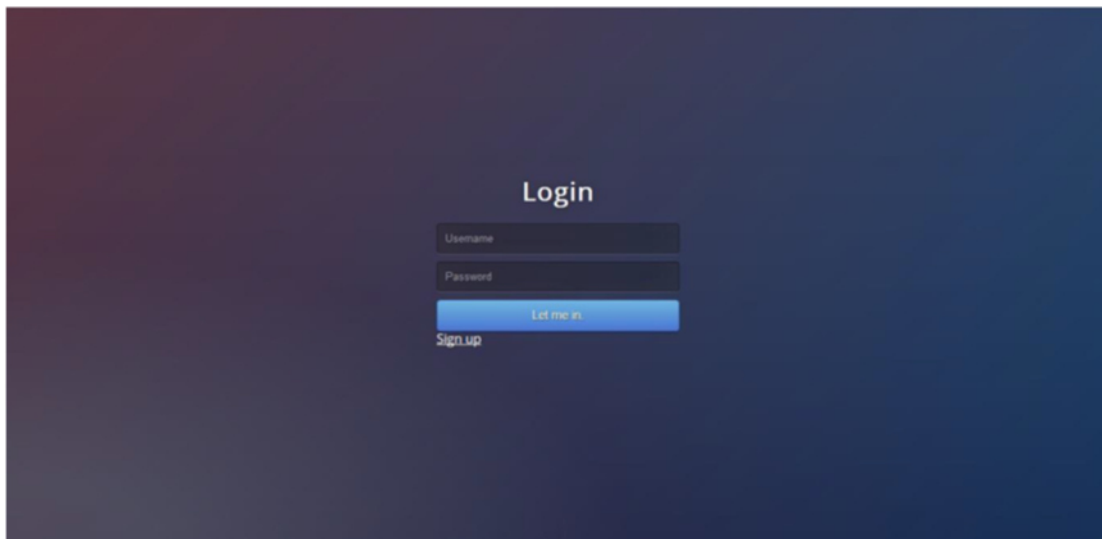


Fig 1. Login Page



Fig 2. About

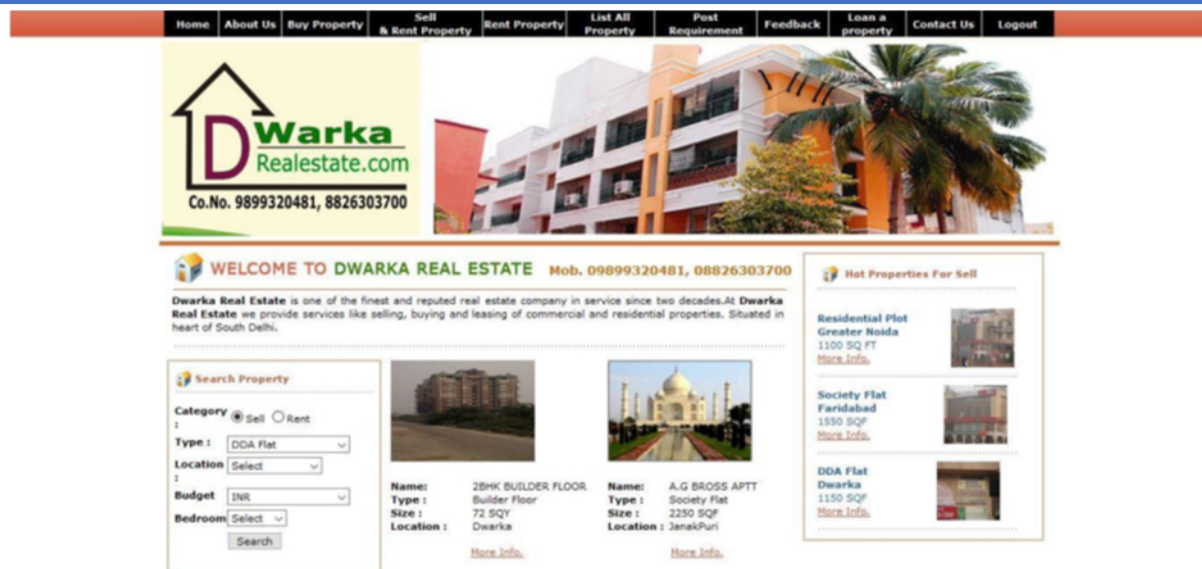


Fig 3. Dashboard

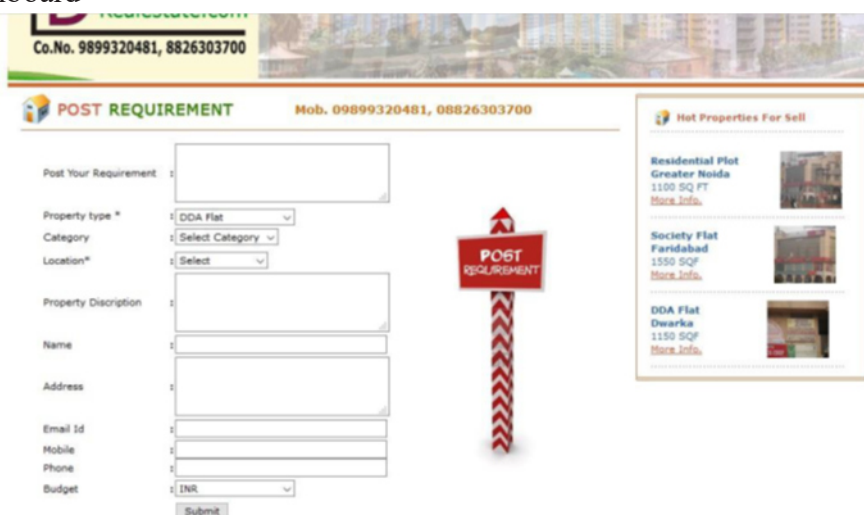


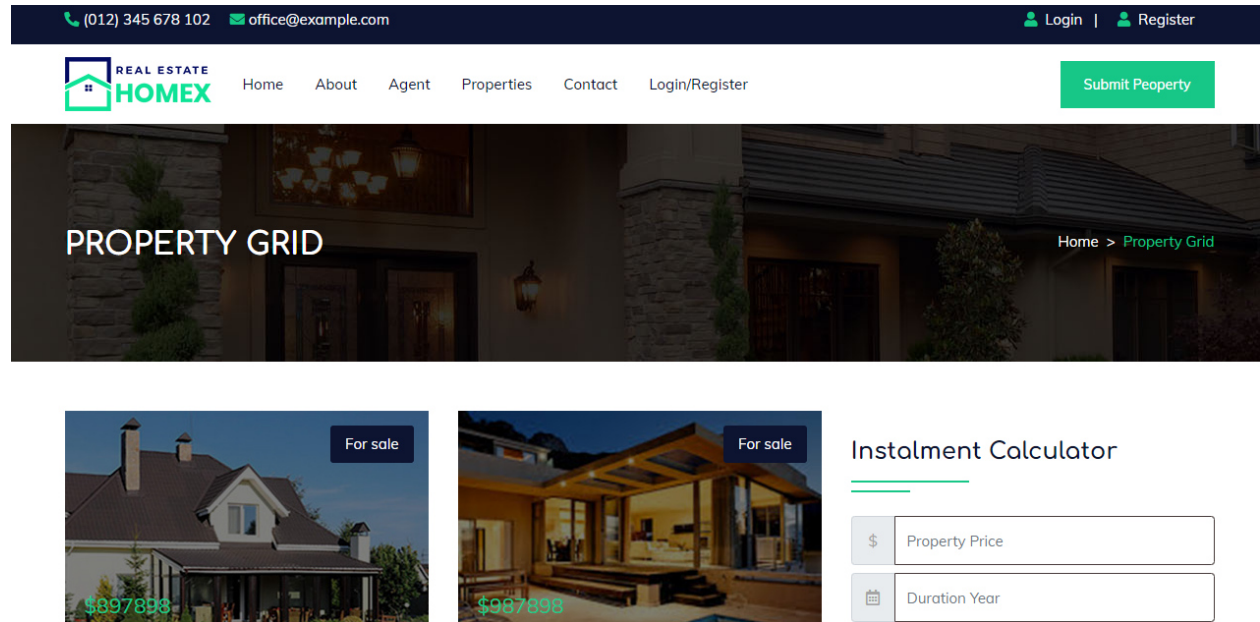
Fig. 4 Requirement Form

V. PERFORMANCE EVALUATION

Implementation phase is mainly concerned with user training, site preparations & file conversions. It also involves final testing of the system. During Implementation the components build during development are put into operational use. Brief Reference of the points that should be addressed during implementation:

- Writing, testing, Debugging & Documenting program.
- Converting data from the old to new system.
- Giving training to user about how to operate the system.
- Developing operating procedures for the computer center staff.
- Establishing a maintenance procedure to repair & Enhance the system.
- Completing system Documentation.
- Reviewing the administrative plan, personnel requirement plan, and hardware plan.

VI. RESULT ANALYSIS



- Login form
- About information of Dwarka Real Estate
- Front Dwarka Real Estate
- Flat Data Collected
- Product Detail
- Sample Society Flat
- Feedback Form
- Requirement Form

VII. CONCLUSION

The website is to bring the real estate industry online and enabling real estate industry participants to benefit from the Internet. Site acts as an interface between Individuals, brokers and realtors. Here the user can advertise his property for buying or for selling.

Loan option brings this website into the light as it allows the user apply loan online and does not have to worry about financial problems. Another feature is the official documentation which is used as means to certify the property is verified by the government.

In conclusion, a real estate portal is a powerful tool for buyers, sellers, and agents in the real estate industry. It provides a platform for users to search and view property listings, communicate with each other, and manage property transactions. The portal's features such as property management, communication, payment processing, analytics, and reporting make it a comprehensive solution for real estate needs.

Furthermore, the future scope of a real estate portal is promising, with opportunities to incorporate emerging technologies such as mobile apps, virtual and augmented reality, AI and machine learning, social media integration, blockchain, and expanding into international markets. These advancements can help the portal stay relevant and competitive in the fast-changing real estate industry.

Overall, a well-designed and executed real estate portal can be a valuable asset for the real estate industry, providing transparency, convenience, and efficiency for property transactions.

VIII. FUTURE SCOPE

- With the increasing use of smartphones, developing a mobile app for the real estate portal could be a way to reach more users and provide a better user experience.
- Virtual and Augmented Reality: As technology advances, incorporating virtual and augmented reality features could enhance the user experience by allowing users to view properties in 3D or even take virtual tours of properties.
- AI and Machine Learning: Integrating AI and machine learning algorithms could provide more personalized recommendations to users based on their search behavior and preferences, as well as help automate certain tasks such as property valuation and pricing.
- Social Media Integration: Integrating social media features could increase user engagement and enable users to share listings and information with their networks, potentially leading to more leads and sales.
- Blockchain Technology: Using blockchain technology could enhance security and transparency for property transactions, enabling faster and more secure payments, and reducing the risk of fraud.

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