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Real Estate Listing Web Application

Asmita Jadhav[1], Anisha Suryawanshi[2], Divya Tambe[3], Aasifa Bagwan[4]
[1, 2, 3]*Student,* [4]*Guide, Department of Computer Engineering, KBP Polytechnic Satara, India*

Abstract: ***The real estate sector plays a vital role in economic development, but traditional property dealing methods are often time-consuming, less transparent, and highly dependent on intermediaries such as brokers. This project presents a "Real Estate Listing Web Application" that provides a digital platform for buying, selling, and renting properties efficiently.The system allows property owners to list their properties with detailed information such as location, price, amenities, and images, while users can search and filter properties based on their preferences. It also enables direct communication between buyers and sellers, reducing the need for middlemen. The application improves transparency, saves time, and enhances user experience by providing an easy-to-use interface and centralized data management. Overall, the system simplifies real estate transactions and makes property searching more accessible and efficient. Additionally, the platform enables direct communication between buyers and sellers, eliminating the need for intermediaries and reducing transaction costs. The rapid growth of the real estate sector has increased the need for efficient and transparent property management systems. The rapid growth of the real estate sector has increased the need for efficient and transparent property management systems. By integrating modern web technologies, this application provides a reliable and efficient solution for real estate management. It helps users save time, make informed decisions, and access property information anytime and anywhere. Overall, the proposed system contributes to a more transparent, cost-effective, and streamlined real estate ecosystem.***

I. INTRODUCTION

Real estate is one of the most important sectors in today's world, contributing significantly to economic growth and development. The process of buying, selling, or renting properties has traditionally been carried out through manual methods, which often involve brokers, paperwork, and time-consuming communication.

These traditional approaches lack transparency, are less efficient, and can increase the overall cost for both buyers and sellers. The real estate industry is a crucial part of economic development and urban growth. However, traditional real estate practices involve manual processes, paperwork, and reliance on brokers, which can make property transactions complex, time-consuming, and costly.

With the rapid advancement of internet technologies and web applications, it has become possible to digitalize real estate operations and make them more accessible and efficient. A Real Estate Listing Web Application provides an online platform where property owners can list their properties, and potential buyers or tenants can search for suitable options based on their requirements. This eliminates the need for physical visits and reduces dependency on intermediaries. The proposed system focuses on creating a user-friendly and efficient platform that connects buyers and sellers directly. Users can view property details such as location, price, type, and amenities, and can filter results according to their preferences. The system also allows easy communication between users, ensuring faster and smoother transactions.

II. SYSTEM FRAMWORK

The Real Estate Listing Web Application provides a structured platform that connects property sellers, buyers, and administrators in a single system. The main objective of the system is to simplify property listing, searching, and communication between users.The system begins with a login and registration page where users enter their details to access the application. After successful login, users are directed to the home page, which displays various options such as property listings, search filters, add property, and user profile.

The system consists of three main modules:

A. Seller Module

In this module, property owners can manage their property listings. Sellers have the following options:

- Add Property
- View Added Properties
- Manage Property Details

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B. Buyer Module

The buyer module allows users to search and explore available properties. Buyers can:

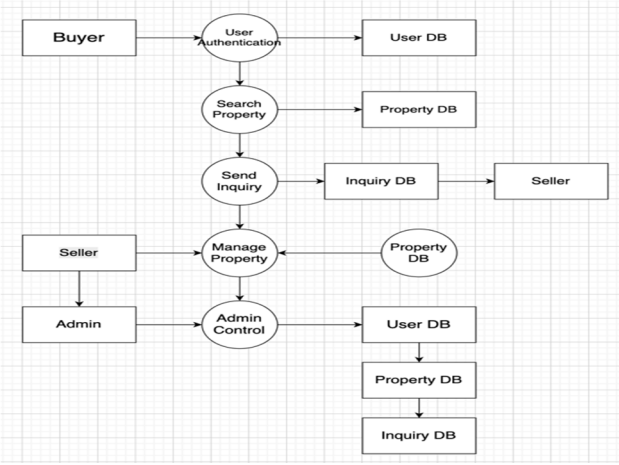
- Search properties based on location, price, and type
- View detailed property information
- Contact sellers directly

C. *Admin Module*

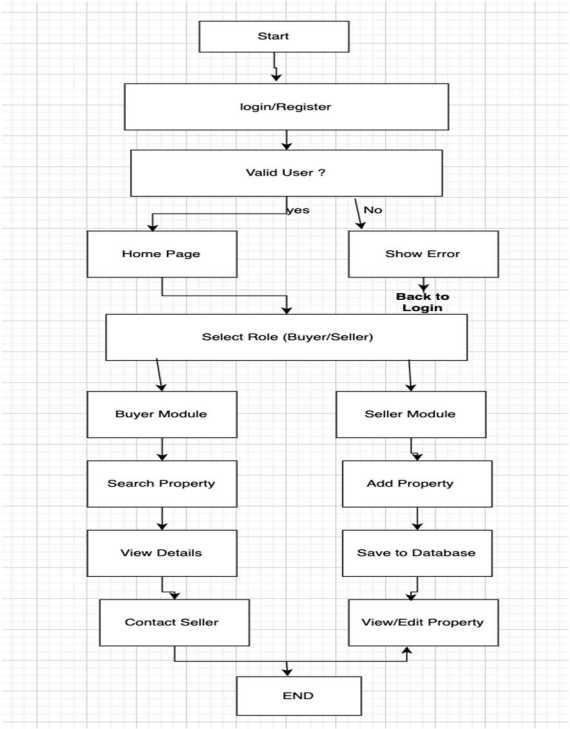
The admin manages the overall system. The admin can:

- Manage users (buyers and sellers)
- Verify property listings
- Monitor system activities

III. DFD LEVEL 1



IV. FLOWCHART



V. PROBLEM STATEMENT

In the real estate sector, users often face difficulties in finding suitable properties due to lack of centralized information and transparency. Traditional property transactions depend heavily on brokers, which increases cost and reduces direct communication between buyers and sellers. Additionally, the process of searching, comparing, and finalizing properties is time-consuming and inefficient. Buyers do not always get accurate information, and sellers face challenges in reaching potential customers.

VI. CONCLUSION

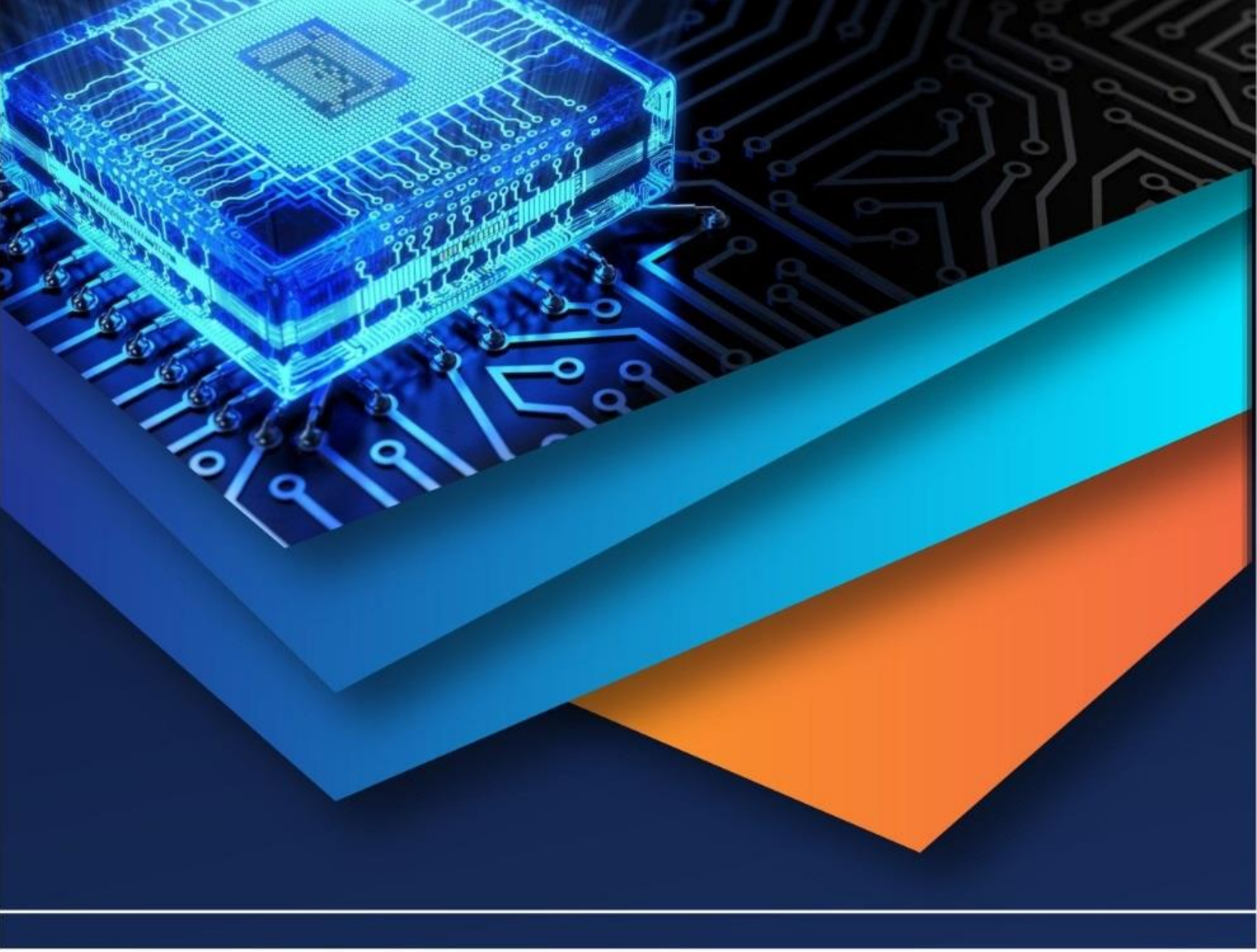
The Real Estate Listing Web Application provides an efficient and user-friendly solution for managing property transactions. It eliminates the dependency on intermediaries and allows direct interaction between buyers and sellers. The system improves transparency, reduces time and effort, and helps users make better decisions by providing accurate property information. It also enhances accessibility, as users can search and view properties anytime and anywhere.

REFERANCES

[1] Smith, J., & Brown, L. (2020). Real Estate Management Systems Using Web Technology. International Journal of Computer Applications.
[2] Kumar, A., & Sharma, R. (2019). Online Property Management System. Journal of Information Technology.
[3] Patel, D., & Mehta, S. (2021). Web-Based Real Estate Platform Design. International Journal of Engineering Research.
[4] W3Schools. (2023). Web Development Technologies.
[5] MDN Web Docs. (2023). HTML, CSS, and JavaScript Documentation.
[6] Sommerville, I. (2016). Software Engineering. Pearson Education.
[7] Pressman, R. (2014). Software Engineering: A Practitioner's Approach. McGraw-Hill.

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1. Elmasri, R., & Navathe, S. (2016). *Fundamentals of Database Systems*. Pearson.
2. Silberschatz, A., Korth, H., & Sudarshan, S. (2019). *Database System Concepts*. McGraw-Hill.
3. Fielding, R. (2000). *Architectural Styles and the Design of Network-Based Software Architectures (REST)*.



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