



Design Web Based Application for Real Estate Management System

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Abstract: -

A Web based Application for Real Estate Management System. Web based Application is specifically designed for Relational Database Management System and the advent of RDBMS application can be a boom to the field of real estate agent.

Keywords: Html, CSS, JavaScript, NodeJS, MongoDB, React

1. Introduction

A Website made to automate the process of buying and selling the properties without any hassle and ease-up the process. The purpose of the Real Estate Investing Property Management is to help for the landlord to keep the track of all the customers, their details and manage the sales The Real Estate management system that is designed for the individual investor or small business owner of several rental houses, This software covers all the functionality related to tenancy management, sales and marketing, managing all the information related to their payment, lots, legal document, inspections, reports etc

Scope:-

This Web based application is a database management system aimed at computerizing and automating the working of real estate agents. It provides a platform for comprehensive data maintenance and information access. It is simple and user friendly with an easy to use graphical interface. It is a networked DBMS hence allows access to large amount of information.

2. Problem Foundation

The Current System is a computerized system but which is maintained at Individual databases. The system doesn't provide complete online services like online reports, and centralized database. In the current all the data is maintained mostly manual and in Excel Sheets. The data security and data accessing is very slow. So this web based real estate management system provides fast data accessing when compared to the current system. In the proposed system retrieving a single record from large database is very easy.

3. Literature Review

Existing System	Advantages	Disadvantages	Reference link
99acres	This website is greatly designed and has a good user interface and is able to show properties to buyers which makes it easier to use this website. Provides details of the property which makes it easier for buyers to buy properties.	Fewer images about property, making it difficult for the users to trust them. A customer's encounter is a lack of reliable information.	www.99acres.com

<p>Magicbricks</p>	<p>With its unique services and creative online features, magicbricks is an international property site catering to a worldwide market. For the benefit of the customers, Magicbricks real estate portal features are continually being developed, tested, refined, and improved</p>	<p>Customer service is not provided instantly to buyers and sellers.</p> <p>Package options for premium members are very limited.</p>	<p>www.magicbricks.com</p>
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4. Methodology

The entire system is present in a single bubble that is Real estate management system as input data and output data is indicated by below incoming/outgoing arrow. The output data is property management, buyer management, seller management, approval management, property type management and registration request management. The first step when user opens the website and login into his account. After that the properties are filtered according to their needs and can select the property. After selection user can contact the seller and complete the further process.

Data Flow Diagram

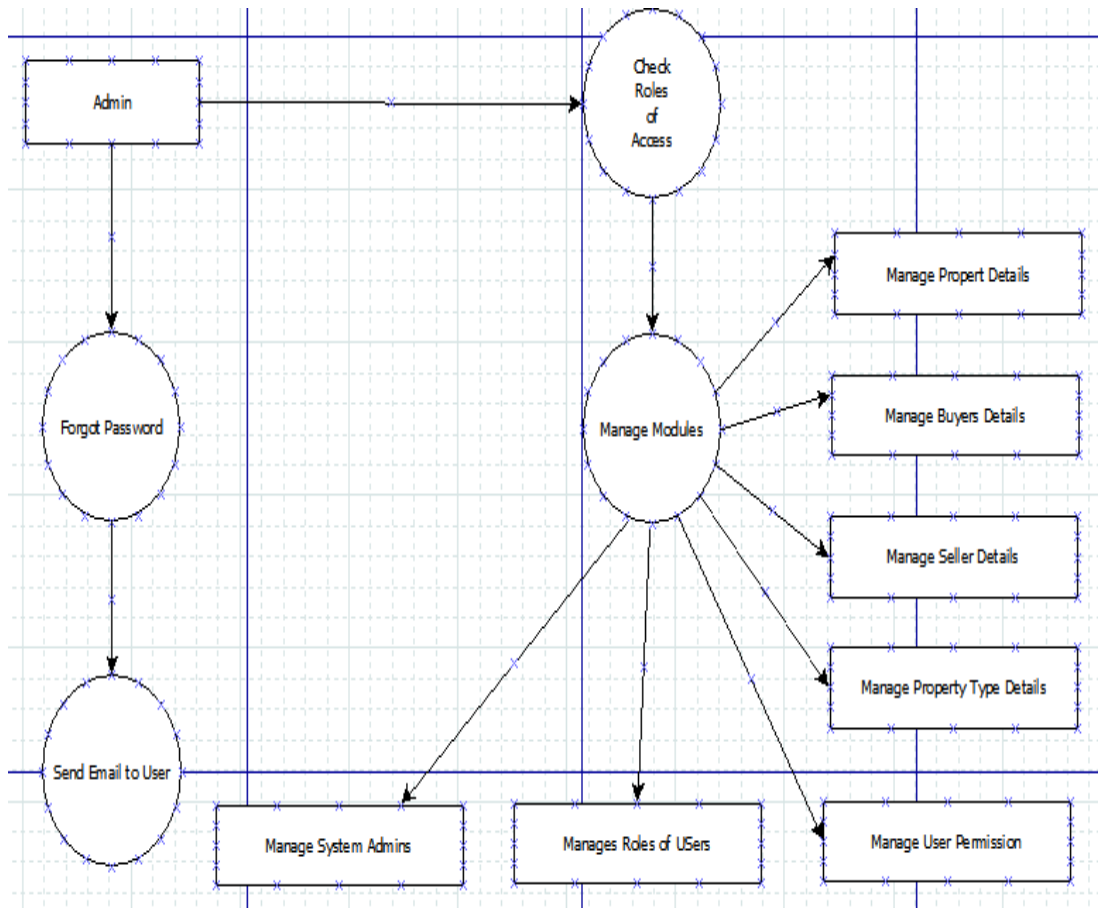


Fig 1. Data Flow Diagram

Class Diagram

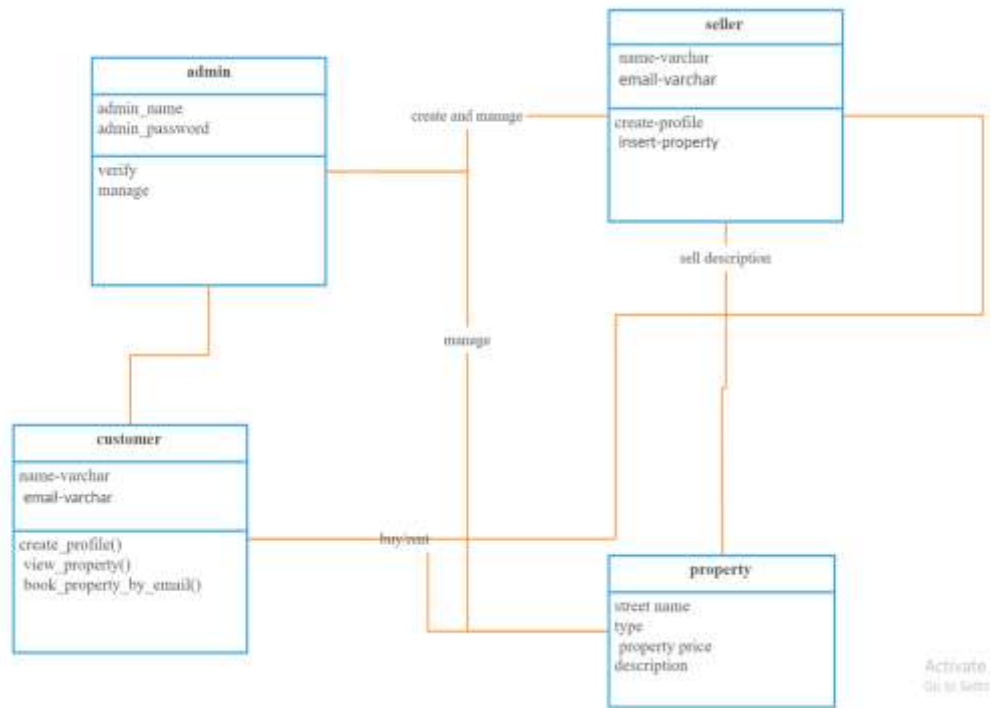
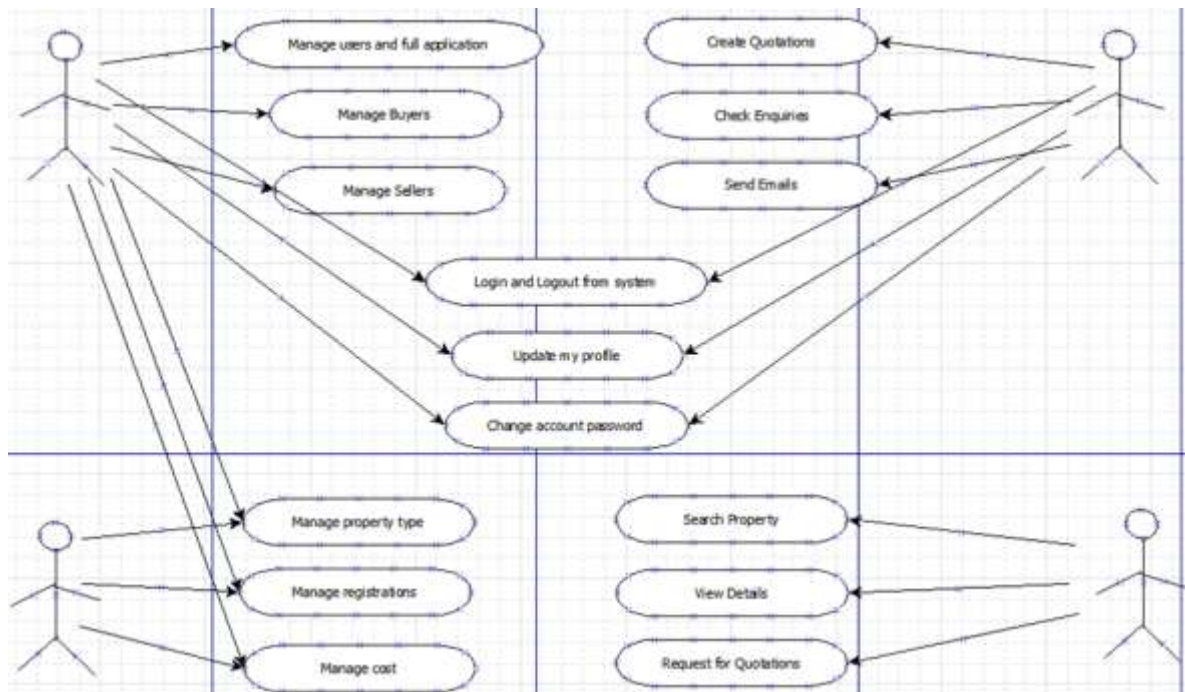


Fig 2. Class Diagram

Use case Diagram



5. Result Discussions

It is an online based real estate management system which will provide hassle free buying and selling of properties. Buyers will be able to but properties through our system only and will be able to contact the seller of that property and will be able to negotiate the price of property by contacting the seller. Seller will be able to enlist his/her property on our system where different buyers will be able to see properties sq. area and different details and will be able to buy properties and negotiate price if interested.

6. Conclusion

Web based Application of Real estate management system will help the buyer to view properties enlisted by sellers and see its features like sq. area, location, price, etc.

This application automates the persistence of React technologies which are easy to understand and learn. It provides better performance, just-in-time compilation, early binding, catching services and native optimization.

Limitations :-

- Only the permanent employees can access the system.
- System works in all platforms and its compatible environments.
- Advanced techniques are not used to check the authorization.

7. Acknowledgment

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References

- Robert Smith Real Estate Associate II.
- <https://stackoverflow.com/>
- www.mysql.com
- <https://www.w3schools.com/>