

Property Management System

Shashank Shrivastav, Rakesh Choudhary, Rajveer Singh Rajpurohit, Mohammed Ibrahim Qureshi, Mr. Nitin Jain

Department of CSE, Global Institute of Technology, Jaipur, (Raj), India

Received: 15 Jun 2021; Received in revised form: 25 Jun 2021; Accepted: 30 Jun 2021; Available online: 05 Jul 2021

©2021 The Author(s). Published by AI Publications. This is an open access article under the CC BY license

(<https://creativecommons.org/licenses/by/4.0/>)

Abstract— This project focuses on providing Property Management to real estate agencies, landlords, buyers or brokers. This helps customers to save time & get the right solution related to property. The real estate business deals with the development of the property and the lease, rent or sale of establishments. It is one of the fastest growing enterprises in India. It has potentially never ending growth. Incredibly lawyers and real estate people have the highest income. As a real estate agent one has to maintain a lot of data. He is involved with the clients who have to lease out, rent or sell the property and with the customer who intends to buy, rent or lease the property. Hence it involves a lot of information exchange. The advent of computers can ease out this hassle. With the organized data storage system it allows faster search time, interaction and deal closure. Indeed the advent of RDBMS applications can be a boon to the field of real estate agents. The Current System is a computerized system but which is maintained at individual databases.

Keywords— Property Bazaar, Real estate agents, Web portal Application, Animations, Process Automation.

I. INTRODUCTION

One of the tasks of any manager is to plan and control the organization in the way that the organization can achieve its goals. Issues relative with the well-being of man like shelter and others issues are very important to take decision in the organization. With the help of Property Bazaar those issues would be easily tackle. This Property Bazaar is a software where property details such as available house details, schedules, address, and others are set up by an administrator. 'Property Bazaar' is basically a Web Application which will be used by the various Tenants, Landlords and Brokers. The project is aimed at developing an online portal for the property details for Property seekers. The project has been planned to be having the view of distributed architecture, with centralized storage of the database. The application for the storage of the data has been planned. Using the constructs of MS-SQL Server and all the user interfaces have been designed using the php and jsp. The database connectivity is planned using the "SQL Connection" methodology. The standards of security and data protective mechanism have been given a big choice for proper usage. The application takes care of different modules and their associated reports, which are produced as per the applicable

strategies and standards that are put forwarded by the administrative staff.

II. AIMS AND OBJECTIVE

The main aim of the research is to ensure that management abides by regulations and laws when interacting with tenants and vendors. Another aim is to match with properties for sale by number of bedrooms / price criteria. It also aims to allow easy entry of Property and vendor details.

The scope of the paper will establish constraints that should be followed while executing the project. These constraints are:

1. To list all viewings for property.
2. To display matched property details easily and quickly by one click.
3. To maintain client details line contact details, required property details, client type like residential and commercial client. Price limit. Preference.
4. To maintain property details, registration of property for sale includes property address, property description, price, facilities available.

Store property floor plan, property documents.

The objectives of the paper are to deliver a Web- based application that should be easy to use, enjoyable and could be applied to learning .

III. SCOPE OF OUR PROJECT

Real estate websites have a wide scope in India. People are inclining towards technology and thanks to the advent of e-commerce websites, they have developed a trust on online communities. The key is to provide as much information as you can. Add property pictures, details about the property.

As per the user Requirement our whole project is designed. We can add an additional constraint to our project. We will also try to make the modification, update, delete, any other facility in our project. This can be used in educational institutions as well as for other commercial purposes. Some of them are:-

5. This can be used in educational institutions as well as in the corporate world. Affiliate Marketing Systems, Website Design, and Development and Search Engine optimization.
6. Integration with other standard Application Software Products & Booking Engines / Platforms, Fare & Content Management Systems.

These days there is a lot of demand for online real estate websites so we provide the users with a platform where they can easily find the best available properties and can bid for the property. Property Bazaar will have the properties within Jaipur.

IV. METHODOLOGY

1. User module: The user can perform the following activities by login into the platform.

- 1. Sell:** users can easily sell his/her properties through our system.
- 2. Buy:** Users can buy properties according to their requirements among the listing properties. Also can search properties location.
- 3. Rent:** Renting of the properties can also be done through the platform.

To make more efficient user interface and interacting platform we have done some changes to improve user experience as follows:-

- Users can upload property photos and these photos are shown in the form of

animation to the viewers.

- Along with photos, users can also upload the floor plan of the listing property.

2. Builder module: This module will provide an online environment to the tenant/property buyer to check property's information.

Tenant can perform following activities:

- Login
- Post property
- View property
- Post upcoming projects

3. Packers & Movers

Packers and movers are a special part of our project which makes it different from other platforms.

Packers and Movers are the service providers that pack and move our belongings including furniture, suitcase and artifacts among others safely.

V. PROJECT SPECIFICATION

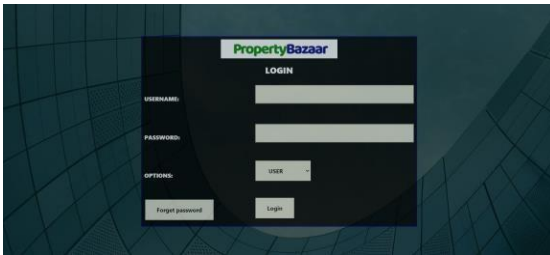
Property Bazaar is an online real estate business website through which users can access its information and also can add and view properties. The system is very useful for the companies who build apartments, hotels, villas, residential properties and commercial properties. Companies or individual agents can also advertise their property.

5.1 Purpose of the System

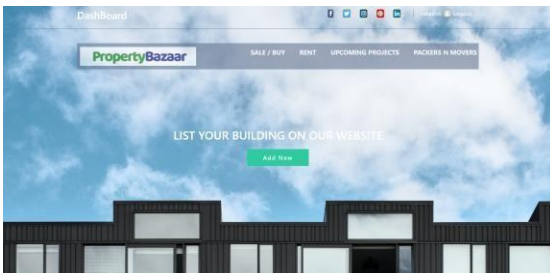
Property Bazaar is an online application for real estate properties. Nowadays many real estate companies are still using the traditional approach of promotion and selling of their property. This project aims at development of an efficient management system for the real estate industry. Now builders can advertise about their new project online and also sell properties online using property Bazaar. Also users can Sell, Buy and rent properties.

VI. RESULTS

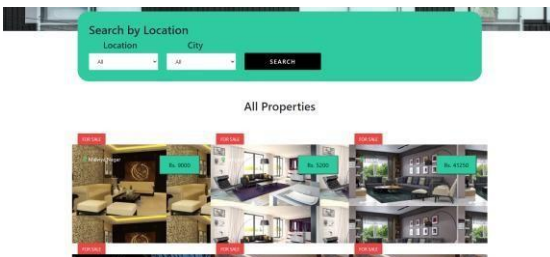
1.



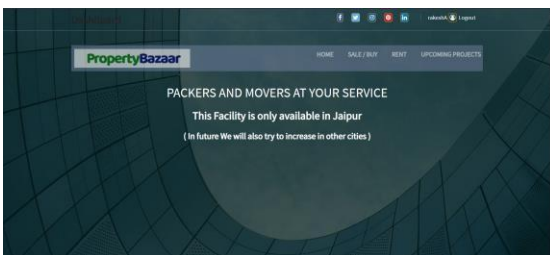
2.



3.



4.



and changes whenever can be made easy. The web-application has also provided a feedback page on its homepage so that the users can provide their inputs of any functionalities/facilities they would like to have in the web application.

Following are some of the enhancement proposed to be implemented in future:

- Maps are provided to facilitate the users.
- Giving property site for all metro cities
- Upload videos / 3d views of the property.
- Login using social media accounts.

REFERENCES

- [1] Ambler, SW., 2000. "User Interface Design: Tips and Techniques", [Http://www.ambysoft.com/userInterfaceDesign.pdf](http://www.ambysoft.com/userInterfaceDesign.pdf)
- [2] Keet, D., 2002. "The \$999.99 Property Management System", Article forwarded via e- mail.
- [3] Cloete, C.E., 1994. "Property Management Part 1 Volume 1". SA Property Education Trust, Sandton, p. 133.
- [4] Cloete, C.E., 1994. "Property Management Part 2 Volume 2". SA Property Education Trust, Sandton, p. 322-325.
- [5] Alport, R., November 2002. "Interview and product demonstration", GenesIs Concepts

VII. CONCLUSION AND FURTHER WORK

The goal of this paper is to create a Property Management System. The system is a highly flexible one and is well efficient to make easy interactions with the client. The key focus is given on data security, as the project is online and will be transferred in network. The speed and accuracy will be maintained in a proper way and will be a user-friendly one and can successfully overcome strict and severe validation checks. The system will be a flexible one