

CUSTOMER RELATIONSHIP MANAGEMENT SYSTEM

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ABSTRACT

A CRM for Real estate is a crucial tool for managing client interactions and boosting sales in the sector. A CRM system provides real estate professionals with a number of benefits, including effective contact management, enhanced lead management, automated marketing, greater cooperation, and improved customer service. The technology improves productivity and reporting, streamlines procedures, and offers insightful data. Its usefulness could be constrained, though, by issues including user uptake, cost, data protection, technical knowledge, and connection with other technologies. It allows real estate professionals to effectively manage contacts, track prospects, automate marketing initiatives, and obtain insightful information about the performance of their businesses. By task automation and process optimization, the system also improves cooperation, customer service, and efficiency. A real estate CRM system, in general, offers substantial advantages for real estate. For the real estate sector to manage client connections and boost sales, real estate CRM is a crucial tool. Businesses aiming to enhance their operations and boost sales can increase sales with effective contact estate.

Keywords: *Real estate CRM, contact management, lead management, automated marketing, collaboration, customer service, insights, efficiency, challenges.*

1. INTRODUCTION

Due to the intense competition in the real estate market, experts must manage client connections and sales operations effectively and efficiently. A CRM (Customer Relationship Management) system for real estate is a piece of software created to assist agents in managing their client interactions and streamlining their sales procedures. Real estate brokers, agents, and teams may track leads, manage contacts, automate marketing campaigns, and learn crucial information about how their businesses are performing thanks to the system. Real estate agents can benefit from real estate CRM systems in a variety of ways. An essential part of a CRM system is effective contact management. Real estate brokers can keep track of all of their contacts and organize them based on a number of criteria, including geography, interests, and stage in the sales process. Agents may create tailored marketing efforts that resonate with their clients by keeping track of their preferences and behavior, which can greatly increase conversion rates. Lead management is yet another crucial component of a real estate CRM system. Real estate agents may keep track of leads and prospects at every stage of the sales process with the use of a CRM system. Agents may create tailored follow-up actions that boost the possibility of turning leads into customers by prioritizing leads and categorizing them depending on their level of interest and stage of the sales process. Agents can, for example, create automated email campaigns that target leads who have demonstrated a greater level of interest. This can help to build the relationship and finally result in a sale. A CRM system for real estate also offers insightful data on how well the company is performing. This enables brokers and agents to streamline their processes and concentrate on closing sales and expanding their businesses. Yet, employing a real estate CRM system has several drawbacks. A CRM system may require some technical know-how to implement and use, and initial setup and training may take some time. A real estate CRM can be pricey, and ongoing costs like maintenance and upgrades might pile up depending on the system. When using a CRM system, data privacy and security may also be an issue, particularly if sensitive client data is kept there. It can be tough and possibly technical skill to integrate a CRM

system with other tools like email and marketing automation software. Finally, it may be difficult to train team members to utilize a CRM system regularly and accurately, which could reduce the system's usefulness. A CRM system can greatly increase real estate firm operations and sales with careful planning and implementation. When it comes to managing client interactions, tracking the consumers who became leads, and managing construction projects, real estate brokers and builders have a lot on their plates. A real estate CRM (Customer Relationship Management) system can be an effective tool to assist streamline processes, increase effectiveness, and improve the customer experience in this situation. A real estate CRM is a piece of software designed to help property owners manage their leads and stay in touch with their clients. It enables brokers and agents to maintain track of all pertinent information about their clients, such as contact details, preferences for properties, previous transactions, and more. A CRM system can give agents and brokers a competitive advantage in the fiercely competitive real estate market by offering insights and statistics on lead and sales performance. Agents and brokers may automate operations like lead collecting and follow-up, expedite client communications, track and analyze leads to improve sales strategies, and more using a CRM system. By enabling agents and brokers to customize their communication and marketing efforts to particular clients, real estate CRM systems can also deliver a more individualized and effective customer experience. By leveraging data and analytics, agents and brokers may obtain a deeper understanding of their clients' requirements and preferences, and give more relevant and timely information on properties and market trends.

2. LITERATURE REVIEW

As businesses seek to improve customer satisfaction, loyalty, and ultimately corporate success, customer relationship management (CRM) has grown in significance for the real estate sector. The literature study that follows offers a summary of the key themes and conclusions from current research on CRM in real estate. A company strategy that integrates people, processes, and technology to maximize interactions with customers has been dubbed a customer relationship operation by Goldenberg[4]. A strategy that "characterizes an operating gospel that's a complete exposure of the corporation towards being and implicit customer connections"[12] has also been referred to as a "customer relationship operation"[13]. Mueller[9] emphasizes the client relationship operation component of the business as being primarily dynamic and makes a persuasive case that enterprises must adopt a visionary approach in order to produce meaningful programmes, enterprise, and sustain competitiveness in their sectors. Customer relationship operations are required due to the high cost of direct deals, the significantly increased level of global competition, the requirement for knowledge about interesting aspects of business in general and consumer behavior in particular that can be used to boost sales scenarios, and other factors, according to Sinkovics and Ghauri[13]. A global trend in customer relationship management is connected to the move away from the transactional paradigm and towards the relationship model, according to Peppers and Rogers[10]. In other words, Peppers and Rogers[10] contend that meeting customer needs as a result of timely transactions is insufficient to guarantee the long-term success of the companies. Instead, companies must work to build long-term relationships with their customers in order to keep their unwillingness to borrow their expanding prospects and therefore attain their steadfast loyalty. Peppers and Rogers[10] further stress that businesses that refuse to admit this tendency in the global business would be risking their request share and growth prospects in the future. Relationship Marketing and Customer Relationship Operation by Brink and Berndt[3] is one of the most important sources for the investigation. The book offers an in-depth discussion of the concept of customer Touch Map and discusses the part of information technology in easing client relationship management. Another important contribution to the exploration field employed in the study is Mathur's work[8]. videlicet, the author gives a wide range of specialized customer relationship operation approaches and principles that are applied by international businesses. The results of Mathur[8] can be compared to those of the proposed exploration's primary data discoveries, broadening the scope of the study. On the other hand, Khurana[6] goes into great length on the idea behind client relationship operations and also explores the benefits and drawbacks of a variety of relevant software operations. Another important source that will be studied in the study is Pradan's "Retailing Management," third edition, which is available at [11] Pradan. Customer connection operations are specifically mentioned by Pradan[11] as an emerging facet of retail marketing and its significance for ensuring long-term growth for retail organizations. In "Customer Relationship Operation: A Global Perspective," Raab et al.[12] advocate a worldwide view on customer relationship operation concerns. Because it will enable a comparison of customer relationship operating concepts to similar principles used by other transnational merchants in a worldwide economy, this particular work is valuable to the planned exploration. Due to the importance of Bhatia's[2] contribution to the research field, "Retail Management" will also be employed in the suggested study. Bhatia[2] provides in-depth information about retailers. Furthermore, Cox's "Retail Analytics The Secret Weapon"[5] needs to be taken into account in this regard because the author uses the most innovative and

cutting-edge viewpoint to address the issues associated with exploration. The most valuable aspect of this particular composition is that it offers retailers of various sizes mostly applicable advice on how to increase scenarios of earnings by endorsing a variety of client interaction operations ideas. Many academic models and writings have direct and indirect connections to this investigation, and some of the most useful models will be examined in the study. The Gap Model of Service Quality is one of the most popular models that will be employed in the study. The "Service Quality Model (Gap Model) finds five gaps to maintain customer contact"[7]. Among these five gaps are the following: a) the gap between a customer's d) the difference between the quality of service promised and the quality of service delivered; and e) the difference between the service a customer expects and the service they actually receive. The Relationship Model of Customer Relationship Operations put forth by Peppers and Roger[10] will also be examined as a useful paradigm during the project. The model specifically promotes adopting a visionary approach in maintaining customer connections and suggests a set of particular guidelines that would help to negotiate this task.

3. PROPOSED METHODOLOGY

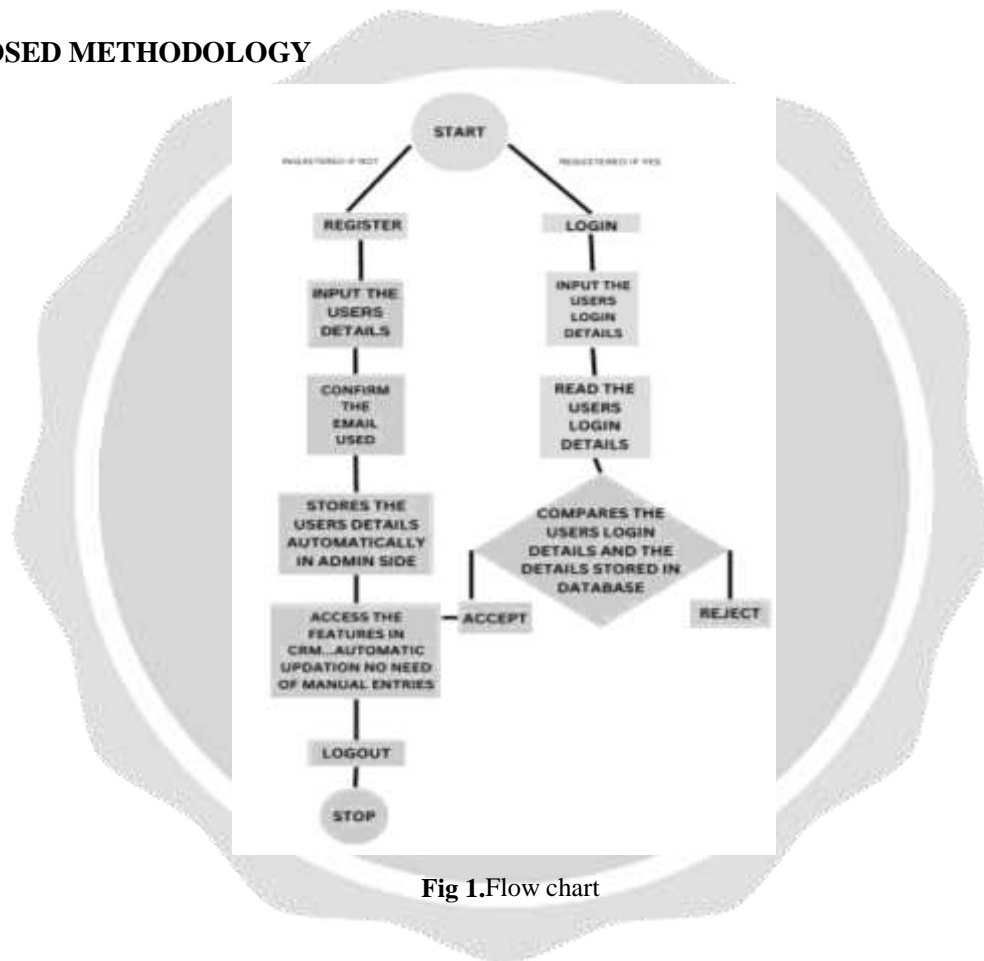


Fig 1. Flow chart

3.1 STEPS TO CREATE WEBSITE AND METHODOLOGY

The real estate professional's individual aims and objectives will determine the real estate CRM methodology. The steps we took to set up our website are listed below.

- 1) Install and setup Xampp control panel
- 2) Paste the source code once completed, in ht docs located in Xampp folder
- 3) Then import the database in phpMyAdmin
- 4) Browse the CRM system in browser through localhost
- 5) The website is now ready, and users and administrators can log in using their credentials.
- 6) As a user, agent, or builder logs in, their information is automatically updated on the admin side, which only the admin can access. Without the need for manual entries, any modifications made will likewise be immediately updated. Admin can only view such facts And the essential features are provided to keep the consumers in track

7)It will boost business profits and aid in customer retention.

However, the following is a proposed methodology for real estate management: **Property Identification and Acquisition:** The first step in real estate management is identifying potential properties for acquisition. This can involve conducting market research, analyzing trends, and identifying properties that meet the investor's criteria. **Due Diligence:** Once a potential property is identified, the next step is to conduct due diligence. This involves researching the property's history, analyzing market conditions, and evaluating financial projections. **Property Financing:** Once the property is acquired, the next step is to finance the purchase. This can involve securing a mortgage or obtaining financing from investors. **Property Management:** After acquiring the property, the real estate professional must manage the property effectively. This involves managing tenants, collecting rent, maintaining the property, and ensuring that it remains profitable. **Performance Analysis:** The final step is to evaluate the property's performance and make necessary adjustments. This can involve analyzing financial statements, market trends, and identifying areas for improvement. Overall, the methodology for real estate management involves identifying potential properties, conducting due diligence, securing financing, managing the property effectively, and analyzing performance. Based on the particular goals and objectives of the real estate agent, this process can be modified

3.2 MODULES OF CRM

Customer Relationship Management (CRM) for real estate is a specialized system developed to help real estate agents manage their client interactions more successfully. Typically, a CRM system for real estate comprises modules tailored to the demands of the sector, such as: **Lead Management:** This module supports the management of the lead generation process, including lead collection from multiple sources, lead tracking through the sales funnel, and lead assignment to sales representatives. **Contact management:** This module aids in the management of client data, including contact information, past interactions, and preferences. It allows real estate professionals to personalize their communication with customers and provide a better customer experience. **Property Management:** This module helps manage property information, including property details, property history, and property listings. It allows real estate professionals to keep track of properties that match their customers' needs and provide accurate and up-to-date information to their customers. **Sales Management:** This module helps manage the sales process, including tracking deals through the sales funnel, managing contracts and negotiations, and generating sales reports. It allows real estate professionals to monitor their sales performance and make data-driven decisions. **Communication Management:** This module helps manage communication with customers, including email, phone, and text communication. It allows real estate professionals to keep track of their communication history with customers and provide timely and relevant information. **Analytics and Reporting:** This module helps generate reports and analytics related to customer interactions, engagement, and sales performance. It allows real estate professionals to track their performance and identify areas for improvement. In general, a real estate CRM system can assist real estate agents in managing their client connections more successfully and offering a better client experience. A CRM system can assist real estate professionals in increasing sales, improving customer retention, and driving business growth by offering a comprehensive solution that streamlines numerous real estate procedures.

3.3 SCOPE OF THE SYSTEM

CRM for real estate covers the complete customer relationship management process, from lead generation through sales and after-sales care. Many real estate activities, including lead management, property administration, and sales management, can be streamlined with the use of a CRM system for real estate. **Lead management:** By tracking, prioritizing, and segmenting leads based on their degree of interest, property preferences, and stage of the sales funnel, real estate CRM systems can assist agents and brokers in managing leads. A CRM system can assist agents and brokers in fine-tuning their marketing and sales tactics to produce more leads and boost conversion rates by offering insights on the source of the leads, their conversion rates, and other data. **Contact Management:** Real estate CRM systems can provide a centralized repository of client and contact information, including contact details, property preferences, transaction history, and more. This allows agents and brokers to manage their contacts more effectively, track communication history, and ensure timely follow-up. **Marketing Automation:** Real estate CRM systems can automate marketing tasks such as email campaigns, social media marketing, and targeted advertising. By using automated workflows and triggers, agents and brokers can provide a more personalized experience for clients, improve engagement rates, and generate more leads. **Transaction Management:** Agents and brokers may manage the full sales transaction process with the use of real estate CRM systems, from selling properties to closing deals. A CRM system can assist agents and brokers in remaining organized and effective throughout the process by

offering a consolidated platform to manage transaction data, deadlines, and documentation. Analytics and Reporting: Real estate CRM systems can offer insightful data on lead generation, customer behavior, and sales performance. Agents and brokers can better understand their company performance and spot opportunities for improvement by tracking and analyzing data on leads, conversions, and other important indicators. Mobile Access: Real estate CRM systems may give agents and brokers access to their transactional information, client and contact information, and lead pipeline on the go. This makes it possible for them to maintain contact and run their businesses whenever and wherever they choose. It gives real estate professionals the tools and capabilities they need to tailor their customer communications, keep track of client interactions and preferences, and provide better customer relationship management. Real estate professionals can grow their businesses by increasing sales, enhancing customer retention, and using a CRM system. A CRM system can assist real estate professionals in identifying areas for improvement and making data-driven decisions by offering insights into client behavior and interaction. The benefits are given in figure 2.

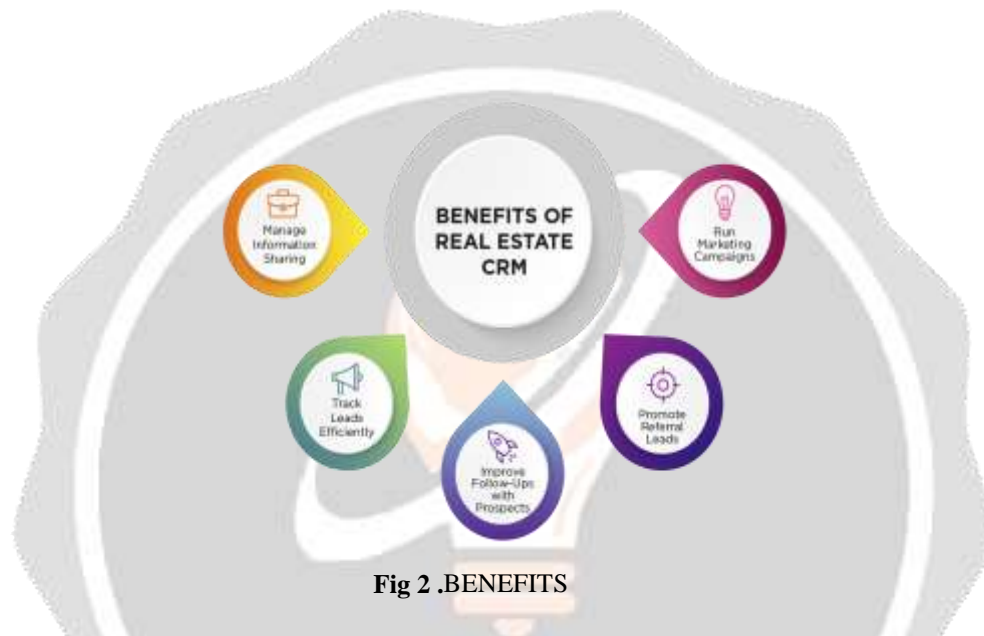


Fig 2 .BENEFITS

3.4 WORKING PROCEDURE

- 1) System will store the information about new entry of users/agents/builders, no need of manual entry
- 2) The system will assist the administrator in maintaining information about the property type and finding them in response to requests.
- 3) The system will update and delete records, and the administrator is the only person who has control over them.
- 4) The system will have a search area where users can look for the property in accordance with their needs.
- 5) It also has installment calculator for the user who can calculate their amount easily
- 6) System has feedback and get in touch feature through that customer can easily contact and keep in touch with the administrator
- 7) Submit property feature will also be available where the user can submit the property

4. EXISTING AND NOVELTY OF THE SYSTEM

In existing users/agents/builders all can register and login to the website, they can submit property and access the features of the website and send feedback. In this CRM, All the user, agent and builder can register and login. Once the user registered all the details of the user are stored. Once an agent registers, their information, including their name and profile picture, is provided to the administrator as well as saved in the customer portal on the agent page. Customers can already view all submitted properties, but with this CRM, they can search for properties depending on their needs, which is a more easier option than viewing submitted properties. The other most important feature is the existence of an installment calculator which helps the customer to guide them for easy monthly installments which will be very useful to customers in calculating the installments for property loan.

5. RESULTS

Our CRM offers Better lead management: A CRM system may assist agents in tracking leads and following up with more individualized follow-up, which improves conversion rates. Improved productivity: A CRM system can help agents be more efficient by automating operations and centralizing data storage. Improved customer relationships: Using a CRM system can help agents stay in touch with customers and offer personalized service, which increases repeat business and recommendations. A CRM system can assist agents in developing customized marketing campaigns and evaluating their efficacy, which improves ROI. Improved reporting and analytics: A CRM system can offer insightful information about lead sources, customer behavior, and sales performance, empowering agents to make more knowledgeable decisions. In conclusion, the advantages of a real estate CRM system can boost sales, enhance customer happiness, and improve company performance. Nevertheless, the actual outcomes may differ based on how well the technology is installed and used by the business..Screenshot of our website is shown in Fig 3, Fig 4 ,Fig 5 and Fig 6.



Figure 3. Login page



Figure 4. Home page

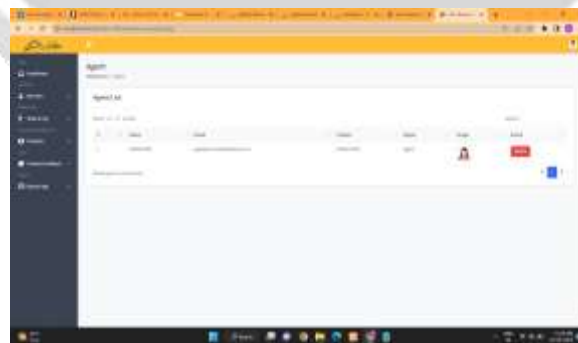


Figure 5. Admin side page

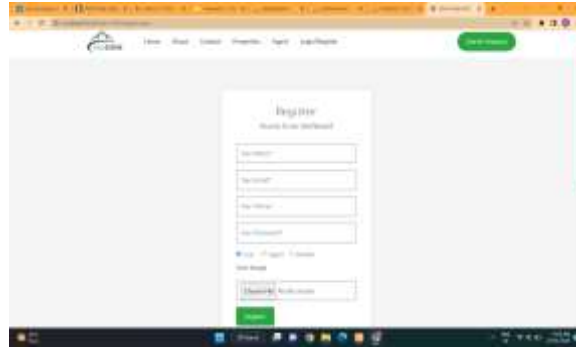


Figure 6. Registration page

6. ADVANTAGES

This CRM system offers several advantages, but it is crucial for growing the company and keeping consumers. Loyalty also grows as a result. Without any loss, we can safely store client information. You may keep track of their interests and activities, maintain contact information, and categorize them. Lead management: Throughout the sales process, this system can assist you in keeping track of leads and prospects. Leads may be quickly prioritized and categorized, and automated follow-up processes can be used to turn them into customers. Marketing that is Automated: A CRM system enables you to automate your marketing initiatives, including social media and email marketing. This helps you save time and guarantees consistency in your client communications. All things considered, a real estate CRM system is a crucial tool for any real estate professional trying to enhance their processes, offer better client service, and boost their sales.

7. CONCLUSION

In conclusion, a real estate CRM system is a crucial tool for any real estate company wanting to improve efficiency and streamline operations. Real estate professionals may manage their connections, track leads and deals, automate their marketing activities, and receive insightful data about the performance of their company by using a CRM. A real estate CRM can also aid in enhancing customer satisfaction and experience, which can strengthen bonds and boost sales. Real estate agents and brokers may improve their bottom line and concentrate on what they do best—helping clients buy or sell properties—with the correct CRM system in place.

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