

A REVIEW ON SOCIETY MANAGEMENT SYSTEM

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ABSTRACT: Society Management Application is based on the Salesforce Service Cloud Platform. Salesforce is “World’s #1 CRM Application”, help your marketing, sales, commerce, service and IT teams work as one from anywhere — so you can keep your customers happy everywhere.

Society Management Application is used to manage all societies members and their flats as well as their maintenance charges per month.

can see the flat numbers of the members and monthly maintenance charges, the total number of Members in a particular Society, can see defaulter members who did not pay the monthly maintenance for more than 3 months, can search the Society Name and Members.

For now, are taking total Monthly maintenance without including other changes, but will remove this drawback and will add monthly maintenance with all charges like “Security guard, water connection, Parking, annual Maintenance of society (painting, damage part of restoration), WiFi connection (if need be), Annual function(Ganesha Puja, Durga Puja, and other Festivals)”.

Monthly Maintenance charges auto populated month of 1st date on 12AM, Send mail on the 1st date of month to the members.can select the Secretary Name from the Members of their Society.Secretary will handle Application for their particular society,secretary can also send mail to defaulter members by “On Row Selection”. The future scope of this application is, can integrate the “AADHAR NUMBER” and check if a member's AADHAR card is valid or not, if AADHAR is not valid then can't give the possession of a flat in the particular

society. Member receipt will generate on button click with include all maintenance charges

KEYWORDS: Android, Mobile Application, Notice, Messaging, Complaints, Social Grouping, Health Tracker.

INTRODUCTION: The organization needed a Force.com cloud application which could centralize all of its Housing society management to secretary. This project where have implemented and developed custom apps using force.com for managing society.Society Management Application is used to manage all societies members and their flats as well as their maintenance charges per month. can create number of Society and number of members with data loader .It can see the flat numbers of the members and monthly maintenance charges, the total number of Members in a particular Society, can see defaulter members who did not pay the monthly maintenance for more than 3 months, can search the Society Name and Members.For now, are taking total Monthly maintenance without including other changes, but will remove this drawback and will add monthly maintenance with all charges like “Security guard, water connection, Parking, annual Maintenance of society (painting, damage part of restoration), WiFi connection (if need be), Annual function(Ganesha Puja, Durga Puja, and other Festivals)”.

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LITERATURE SURVEY:

A. Study of Implementation of Society

Management System: This application was developed by Shivganga Gavhane, Rutuja Vatharkar, Swati Sonar, Pratiksha Patil. This was an android application which contained features like Notice Board, Calendar, Contact, Maintenance, Financial Report, Complaint or Suggestion. To overcome the drawbacks of the existing system, the application provided an efficient way. It also had a special feature called "Push Through Notification" which helped in efficient usage of roles to the society members.

B. Housing Society Management Web Application with recommendation system:

This application was developed by Saurabhi Raut, Priyanka Pawar, Masira Shaikh, Neha Bhat, Prof. P.N. Kalavadekar. This web application helped in improving the sociality of the society by helping them interact with each other by becoming a member of a cultural or sports group. This application also helped the residents to give complaints and suggestions via the application instead of personally meeting the chairman to give them. Also once the complaint or suggestion is resolved, it is updated in the application. Due to this, the residents are always updated of the current affairs regarding the society matters and they can also participate in various events.

C. Society Management Application on

Android: This application was developed by Rahul Bhagwat, Aashay Bharadwaj, Vivek Harsode, Anurag Chawake, Mrs. Deepali Bhanage. This android application contained

features like QR code authentication, Online Payment, Society Maintenance Amount. To surmount the drawbacks of the subsisting system, they provided a more astute and efficient way to handle the critical issues by truncating efforts and advancements in reliable communication. Different functions in the society like Complaints, Notices, Meetings, Rules, Suggestions, Miscellaneous Contacts were available within a single visual perception so that users can visually examine it and make utilization of it whenever is obligatory

D. Housing Society Management: This application was developed by Shantanu Kudale Chandan Amarnani, Harshal Sawakare, Shubhankar Kokate, Sujata Kadu. To overcome the drawbacks of the current system this project provided a simple and efficient way of communication via an android app. This application had a feature which enabled the person to person communication. Different functions within society like Complaints, Notice, Meetings, Rules, Suggestions, Miscellaneous Contacts were available at a glance so that the residents can use any of the features easily. This application also reduced the work of the admin by providing calendar events so that admin did not have to keep track of the information's reachability.

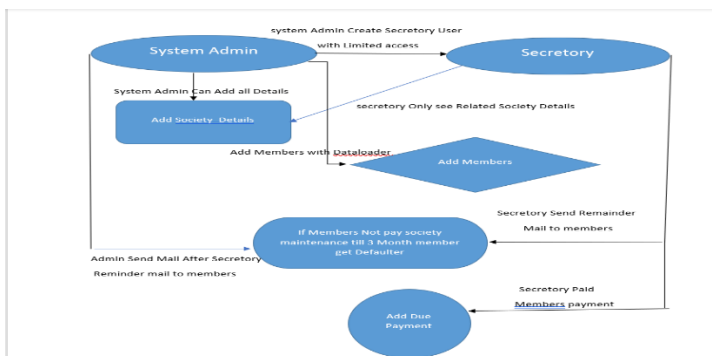
E. Society Management System: This application was developed by Hitesh Solanki, Deshna Yadav, Aarti Yadav, Prof. Chintan Shah. This application had features like Auditing, Parking, Alert button, Notice board. The User module & Admin module maintained a maintenance list of all the flats in a society. - Admin maintained a maintenance list of all the flats in a society. - The user will get a prompt on UI about their pending maintenance payment &

user has to pay predefined maintenance amounts - Admin manually clicks on respective name flats. The parking UI displayed a detailed chart of the parking slot status to the user. So, accordingly, they can book parking slots

EXISTING SYSTEM:

- ▶ The system administrator can add society member data through a data loader with an update and upsert operation.
- ▶ See all society built by the same builder.
- ▶ Manage payments due on a monthly basis
- ▶ Up to 3 months of unpaid maintenance dues, a member of the association then becomes a defaulting member.
- ▶ Monthly maintenance fees updated every 1st day of the month.
- ▶ The member of the association can decide who will be the secretary.

DATA FLOW DIAGRAM:



PROPOSED WORK:

The proposed work for the society management application in Salesforce is comprehensive and aims to provide a one-stop solution for all society management needs. The application will leverage the power of Salesforce's platform to provide a flexible and scalable solution that can cater to the needs of societies of all

sizes. The application will provide an intuitive and user-friendly interface, making it easy for members and the management team to access and update information. Overall, the proposed work for the society management application in Salesforce is aimed at streamlining processes, improving efficiency, and enhancing the experience of all stakeholders involved.

Proposed Work for Society Management Application in Salesforce:

The proposed work for a society management application in Salesforce involves developing a comprehensive platform that can manage various tasks related to society management. The application will be built on the Salesforce platform, which provides a powerful and flexible framework for developing enterprise-level applications. The proposed work for the society management application in Salesforce includes the following:

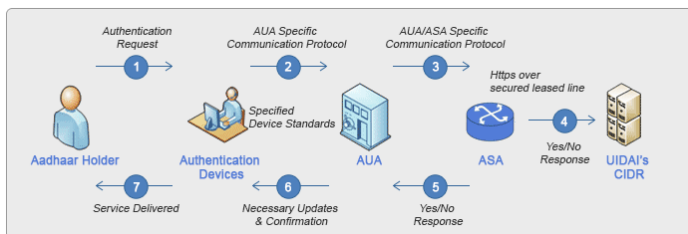
Society Management: The application will provide a centralized platform to manage the various activities of a society, such as maintenance, security, events, complaints, etc. This module will allow the management team to access and update relevant information, ensuring smooth functioning of the society.

Member Management: This module will allow the management team to maintain records of members and their details such as contact information, unit details, and other relevant information. The module will enable easy communication between members and the management team, providing a seamless experience for all.

AADHAR CARD INTEGRATION:

Aadhaar is a unique identification number that serves as a digital identity for Indian residents. It is a 12-digit number issued by the Unique Identification Authority of India (UIDAI) and is based on biometric and demographic data. Integration of Aadhaar authentication in a society management application can provide an additional layer of security and identification for users.

The integration process typically involves a series of steps, including obtaining the necessary permissions and credentials from the UIDAI, configuring the application to handle Aadhaar authentication requests, and testing and verifying the integration.



EMBEDDED WITH NSDL:

NSDL (National Securities Depository Limited) is a central securities depository in India that provides depository services such as account opening, dematerialization, trading, and settlement of securities. It also offers services related to e-governance, taxation, and pension fund administration.

Integration with NSDL can provide several benefits for a Society Management Application. Here are some potential benefits:

Account Opening: NSDL can provide a platform for the society to open and manage member accounts. This can make it easier for members to access and manage their information, as well as for the society to keep track of member details.

Dematerialization: NSDL can also provide dematerialization services, which can be useful for managing society assets and investments. This can help the society to keep track of its financial performance and ensure compliance with relevant regulations.

DATABASE:

A society management application that is hosted in the cloud typically uses a cloud-based database to store and manage data. Here are some key details about the database architecture of a cloud-based society management application:

Scalability:

Cloud-based databases are highly scalable, which means they can handle large volumes of data and user traffic without impacting performance.

As the society management application grows in popularity and usage, the database can be easily scaled up or down to meet changing demands.

Reliability:

Cloud-based databases are highly reliable, with built-in redundancy and failover mechanisms to ensure data is always available and accessible.

The database is typically hosted across multiple data centers, which provides an added layer of protection against hardware failure, natural disasters, or other unexpected events.

Security:

Cloud-based databases are highly secure, with multiple layers of encryption, authentication, and access controls to protect data from unauthorized access and cyber threats.

The database is typically compliant with industry standards and regulations, such as GDPR, HIPAA, and PCI DSS.

Flexibility:

Cloud-based databases offer a high degree of flexibility, allowing developers to choose the most appropriate database technology and configuration for their application.

The database can be easily integrated with other cloud services, such as identity and access management, storage, and analytics, to provide a comprehensive solution.

Performance:

Cloud-based databases are optimized for performance, with high-speed connectivity, low latency, and efficient query processing.

The database can be fine-tuned for optimal performance, based on the specific needs of the society management application.

FUTURE SCOPE: FUTURE SCOPE:

In a nutshell, people don't want to spend their precious time in society management as it a time-consuming process. And below features make it worth buying.

It's a full-fledged society accounting software (helps manage society billing and society accounting)

An integrated member management system that allows community collaboration. Payment reminders through email and SMS can be sent to members. Secured and Login-Based Access Control. Helps manage user accounts of owners, tenants and staff effectively. Easy to access member information and past records.

Data Privacy.Ensures that the society meets statutory obligations.Identification and registration of society visitors, automated entries for repeated visitors.Saves members from the hassles of managing transactions manually.Trouble-Free Electronic Bill Payments for members And there is much more...well the benefits are endless.

CONCLUSION:

This is the society management application. This application is about the management of the association, how the builder, the secretary, the members of the association work in it. How they handle their discipline. This application is very easy to handle and the application easy to use and comfortable to use. It has a high level of security, the most demanding CRM cloud-based software application. It can be accessed from anywhere and on any device. Customer Relationship Management is the best platform so far and it is highly

populated all over the world. The purpose of this application is to identify effective strategies to address the respective works related to the company.

This web application offers the possibility of flat allocation, manages deadlines, sends an email reminder of the deadline. Even the user with minimal computer knowledge can handle this application.

REFERENCES:

Top Technology Research & Reports - Salesforce
IN[https://www.salesforce.com](https://www.salesforce.com/resources/research-reports) › resources › research-reports

(PDF) Sales Force Effectiveness: A Framework for
...[https://www.researchgate.net](https://www.researchgate.net/publication/24788723...) › publication › 24788723...

05-Jul-2022 — PDF | This paper presents a Sales Force Effectiveness Framework that organizes the complexities of sales organizations, providing a holistic ...

Salesforce control systems: a review of studies - ResearchGate[https://www.researchgate.net](https://www.researchgate.net/publication/348835134_...) › publication › 348835134_...

05-Jul-2022 — List of articles reviewed (focus - consequences of salesforce ... 20+ million members; 135+ million publications; 700k+ research projects.

Salesforce - Wikipedia[https://en.wikipedia.org](https://en.wikipedia.org/wiki/Salesforce) › wiki › Salesforce