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AUTOMATION IN ACCOUTING OF THE COOPERATIVE HOUSING SOCIETY

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Abstract— Internet is a platform which is used widely for each and every task now days. From traditional shopping to the upgradation of online shopping. so, withstanding with all of these there remains the pending work of one thing to be done automated. And that is day to day accounting for common people. Accounting is the thing which is time consuming. Which takes a lot of time to be done with the consideration to these I this the work is done improving accounting for the cooperation societies. The key idea is that we are providing ease in the accounting for the society's office and tiresome accounting work for the individuals. Implementation f this has led to better performance .The group in the society form the best to communicate with each other .The group needs to interrupt with each other and form function which helps in increasing the communication among the people which led to carry out the functioning of the society easy .The challenge of this society is how the design of group management as a group manager application in the smart society. The service computing can be seen in service computing perspective.

Keywords—Accounting, Session management, Payments, smart society.

I. INTRODUCTION

In today's world internet is relied on us like a boon, from purchasing to booking and dealing with deals of goods and products everything is done through internet. Automation of the things has led to people for ease in the life. As now people can carry out any important work from home itself let it be carrying out banking, net banking, transferring funds etc. all these is possible due to internet automation of many things. As a result, it has to be improved in accounts field as well. Society today carry out the accounting work on paper. Or any excel sheets. Due to which it is time consuming and hectic process pone has to be of a good knowledge in accounts.

As technology is improving rapidly, we have to also upgrade some traditional things which would result in boon in accounting purpose. Accounting has many sections and ways to be done we have followed the basic accounting. In this we will carry out maintenance, generation of bills. Accounting is the process of recording financial transactions pertaining to a business. The accounting process includes summarizing, analyzing and reporting these transactions oversight agencies, regulators and tax collection entities. The financial statements used in accounting are a concise summary of financial transactions over an accounting period summarizing a company's operations, financial position and cash flows. This are the things which are the core part of any accounting system.

Basically, doing an accounting means [1] Assuming profit always means cash flow. Suppose you do any thing in society related work in a time span and it has not completed in time this is distorted picture [2] not taking bookkeeping seriously. This leads to keep everything in record. In society any thing has to kept in record the expenses, payments if this step fails things go worst due to no record. [3] Failing to record small transactions. This would lead to the loss of society as every entry is a necessity, whenever there is a new payment there must be entry made so as to have the proper amount structure

In this paper we have automated the accounting system for the common people among the society who has zero knowledge about accounting but can still carry out the accounting process. The main moto is to provide a paperless work and ease. A society secretory is responsible for carrying all the bill generations, maintaining the accounts, preparing monthly maintenance. This software will provide to generate the maintenance automatically without putting entries as the maintenance is calculated area per sq meter . the area of room is been given a certain amount and area is been calculated. Every individual needs to get acknowledge by the system.

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In this paper we have developed a proper solution for the accounts with the balance sheets and trial balance. The database used for this system is correctly providing the information about anything related to the society. Session tracking and management is also been taken care. The session are been given to the logins. Web developers have used many software for the accountings but failed to meet the easiness of the development for the users.

II. LITERATURE SURVEY

The provisions of the groups is the collection of the members of the society which forms group of society members.

The interaction is necessary to know the requirements of the society. A Smart communication between the members led to a good working of the society related works, it becomes easy for the manager as it keeps record for everything in the society. It has a focus on developing the humans life.

In recent papers they have managed to improve the communication of the society people to improve the working of the system by knowing their society related problems. The quality of the human life is depended on improved life style of the human . how they adapt to the new technologies and in what way they use those technologies. The grouping have bought many people in one platform which has helped the people in sharing the ideas in the online industry.

Online communities are groups those have to be detached from geographical restrictions and able to interact with each other online[3].

The services involve human-machine interaction to understand human interaction.

| Description |
|--|
| It require individual in group, It is very important to increase innovation and the technology |
| Group becomes platform to carry out the |
| Communities and the groups[2] |
| In the context of the use of products and services, Group of people can also enhance the |
| experience of using a product based on the reaction and response of the people in it[1]. |
| The services required by a group will be key for |
| individuals, communities, machines; so that everyone can learn, make decisions, and achieve wisdom[1]. |
| |

III. PROPOSED SYSTEM

In this we will discuss the mechanism how the system will work. This software will do a small part of accounting. In this session we have discussed how the calculations is automated and how the entire mechanism is going to take place.

A. LOGIN

In our model there is basically login for the admin who will be the secretory of the society and the members who are the residentials of the society. There is a session management done for the users. The login credentials are been sent to the users via email by the admin as he will have the member details of the society residential..

B. ADMIN

The entire task is been carried out by the admin since he is the main person who will carry out the entire phenomenon. . Adding the members of the society , the members has to be added to keep the entire society record , the members who reside the flat the area of the flat , for the maintenance purpose. And all the extra activities to be carried out in the group up form. The latest communication could also include improving the technology wise. The accounting process is done automatically using the logics. So there is no need to do the things every time. Each and every time they don't need to update the house details , only the tenants details has to be changed .

In short the entire addressing social meetings, group formation, updates messages is carried in this entire system. The system is expected to perform in ease with automation in entire thing.

IV. SYSTEM OVERVIEW

The system has the combination of accounts and the application. The digital form of this software is likelihood going to make the day to day book keeping for the users easy and less time consuming. The interface between the user and the admin is entirely based on the internet. After login the page for the admin is redirected to the home page where he can see all the facilities availed to him as a society secretory. The connection is been done through the internet. The entire system is running on the network layer protocol. The application will be fully working through active internet. This website is simple due to its easiness and time saving. The credentials due to security can be used by only the members and no other person. The application acts as a bridge to accounts and a common human. The data which will be received by the users would be known to admin in which it

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will lead to get the good business as the admin will get to know the requirements of the people. The background of the people will be helped to ease the life by providing the goods as there will be knowing the needs according to that through ecommerce it will be done. The admin will be also able to allot the parking to the two wheelers as he will have the record of vehicles of the houses. No external vehicles will be there. An active internet is must for all the process as this is tycoon of all things.

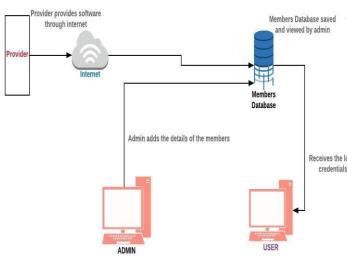


Fig.1 System overview of the website

A. Add House

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B. Maintenance

In this session the maintenance is been calculated or it is already defined on the area of the rooms. The area of the rooms are calculated and already defined in the system so the admin will have to just create the bills and send to the users. Other expenses such as building repairs, lift repairs, sinking funds, parking charges, water charges, property tax all are

added up on the expenses. all these are properly calculated and sent to the users.

The society issues can be also viewed by the admin. as the members can complaint their issues online as well as the status of the issues it can be updated.

C. Balance Sheet

This is the standard term in accounting as they use this for keeping the debit and the credit records. The profit and loss statement also has the records to maintain.

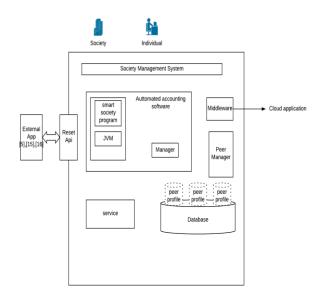
V. WORKING OF THE SYSTEM

The system is mainly operated by the admin. he creates the members id and password which goes to the user through the email. The user will receive the details for his credentials and will be able to login into the software. Admin would create the bills and add the bills on the monthly basis. The user is able to pay the bills online and is able to keep the track if the transactions done in the past dur to the expenditure sheet. All the complaints and queries can be books online to the admin "due to which there is no wastage of the time as every problem is resolved on a short notice as individual can log the complaint and the admin can get through it immediately. The status for the same is been updated by the admin to the user which leads to proper work between entire system. Apart from that there is also the rented house advertisement in the website which can be viewed by anyone who wants a rented flat without any involvement of agents. This will lead to the owner ad tenant to find the house and the tenant without paying any penny to the agents. The sequence goes in such a way that admin adds the members of the society and according to their room size and bedrooms they are been allotted the houses. Also the feature of the car parking allotment is going to be done. The communication is carried through online messages so there would be no need to circulate the notices by using the papers. Date to date tasks are been done and updates the status of the work. This led to a good group formation system giving a rise to the innovative ideas for the technologies. So the development of this project is making the ease of life of the people and making the technologies develop as per the humans needs. Working generates all the results which is developed and the test cases are also been checked by the system. The system generates accounting calculations and balance sheets to keep the record of the entire tire able accounting.

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VI. EVALUATION AND EXECUTION

Previously the society accounting was done on papers so this is automated the entire system. Also the users will be able to have good opportunity to maintain their daily basis transactions. The communication on the website is leading to cause the website work easily as the queries are solved easily by the secretory . login credentials and session management is also helping in keeping the website secure and safe without the involvement of the hackers.

VII. CONCLUSION

We have implemented the accounting system from traditional to the modern. From paper to paperless accounting. Login credentials are been successfully implemented which manages the security of the entire website. A end to end communication between the society members are been carried out through the website. The society is able to book the complaints through the website. Our prototype has improved the accounting system which has led to saving of time. Making Balance sheet is also helping people to maintain the expenses record. Funds and all can be kept into record. Now a day there is growing popularity and affordability of internet enabled smartphones and because of data available online we can step to solve operations and accounting problem. Presently there is no platform who connects Operations and Management of society for smooth functions of it. Society's accounts need to print invoices and send it to each owner manually and keeping record of amounts received and balance is time consuming

with help of this everything will be done electronically which will save time, paperwork and will provide accurate data. Flat owners will have option to pay it at them convince time. They will also have option to advertise at for sell or rent.

VIII. FUTURE WORK

In consideration to the above system , the system would try to maintain the e commerce capabilities . Buying and selling of the goods would also be implemented sitting at home one place from the near vendors.

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