USEA: UNIFIED SOCIETY ENHANCEMENT APPLICATION For Society Management.

Rohan Purkar[1], Yogesh Khandare[2], Paresh Koshti[3], Sumit Ingole[4], A.P.Tapaswi[5], Nilam S. Patil[6]

1(Department Of Computer Engineering, Pune/D.Y.Patil College Of Engineering Akurdi
Email:rohanpurkar@gmail.com)
2(Department Of Computer Engineering, Pune/D.Y.Patil College Of Engineering Akurdi
Email:ykhandre41@gmail.com)
3(Department Of Computer Engineering, Pune/D.Y.Patil College Of Engineering Akurdi
Email:pareshkosti5@gmail.com)
4(Department Of Computer Engineering, Pune/D.Y.Patil College Of Engineering Akurdi
Email:sumitingole5@gmail.com)
5(The Solution Circle Pune Email: adityatapaswi@thesolutioncircle.com)
6(Department Of Computer Engineering, Pune/Professor AtD.Y.Patil College Of Engineering Akurdi
Email: snilampatil2012@gmail.com)

Abstract:

The Society Application is a System which will be Involved in Day to Day Life of a Society Member. In this System we Propose a Complete Administration and Communication of People Living in a Society. It will have Features viz.. Accounting for Maintaining Accounting Records of the Society and Reading Balance Sheet which will be Visible to all the Society Members, Notice Board which will be Helpful for Broadcasting Messages to all, Discussion Room for all Members to Participate to Discuss on Day to Day Issues of the Society. It will also Include a Personalized Media Sharing for the Events they Conduct in a Society. As Social Networking is been a Promising Phenomenon this will Improve Communication and Governance of the Smallest Unit of the World that is society. The Society App will Consist of Various Societies Working Together hence it will be a Challenge to Maintain Privacy of every Society from the other. The basic Idea of this System lies on Managing a Society and Making the Job of Chairman Simpler. It will also Lead to Transparency and ease of Communication.

Keywords — **Data mining, Ranking, Decision making tree, Dynamic query, Clustering.**

A. INTRODUCTION

It is difficult to keep track on all the activities happening in the society, also to do monthly payment of the society is also an difficult task. Using USEA Application it is possible to do transaction and keep track of day to day activities on a single click. user also don't have to use different application for different purposes. An unique application that can perform different task related to the society is created.

In today's modern world everybody prefers to save and ease their time on paying society maintenances personally or don't have time to remember all the functions and activities happening in the society, what user want is an application from which all the functionalities can be handled on a single click. For

collecting all the funds and depositing it in the bank is also a hectic and tedious job for society chairman. To ease the job of society members USEA can be used.

B. LITERATURE SURVEY

A. "An Enhance Approach to Preserving Privacy in Social Network Data Publishing" et al [8]. Today, more and more social network data are published for data analysis. Although this analysis is important, these publications may be targeted by re-identification attacks Le., where an attacker tries to recover the identities of some nodes that were removed during the anonymization process. Among these attacks, we distinguish "the neighborhood attacks" where an attacker can have background knowledge about the neighborhoods of target victims. Researchers have developed anonymization models similar to k-anonymity, based on edges adding method, but can significantly alter the properties of the original graph. In this work, an enhanced anonymization algorithm based on the addition of fake nodes is proposed, which ensures that the published graph preserves an important utility that is the average path length" APL".

B. "ANALYSIS OF SQL INJECTION ATTACK IN WEB SERVICE"[3]et al. Dissemination of information through the Internet is one of the positive impacts of the ICT technology and an efficient way to reach everyone around the world. Everyone will easily access all of the information presented by the restrictions place unhindered. Therefore, various government agencies, private organizations, educational institutions, and other nonprofit organizations in Aceh are using the internet as a medium for information dissemination. Development of the site becomes easier with the availability of applications Content Management System (CMS), which is combined with the PHP scripting language and MySQL database. However, various security issues can harm the existence of website system and it seems not to be the attention of the administrator and web master. Security issues were examined in this study based on a variety of attacks that occur by the method of SQL injection attacks. A survey of existing sites in the province of Aceh has been carried out and found the data were obtained and then were classified into the attack happened. Based on the result of this study, some preventive measures were established that need to be understood and implemented so that SQL injection can be minimized in the future.

C. "Password less Login System for Mobile Phones Using CAPTCHA"[4]et al. In last 20 years, the Internet and mobile communication growth in parallel. There are many sites specially designed for mobile phones that users must enter user-name and password to enter them. In this paper we introduce a new method based on CAPTCHA which provide more authentication. Instead of entering the password, an image of a number is shown to the user and he/she must type it. The user response is coded with his/her mobile phone IMEI and sent to the server. The server checks user's response according to user's IMEI and if it was correct, let the user to enter the site, so there is no need to enter any password. This method has been implemented in PHP and J2ME languages and tested with a Nokia N71 phone.

D. "SQL-Injection Security Evolution Analysis in PHP" [5] et al. Present a framework to implement a recommender system to improve academic choice process for the new students. The framework is based on our ongoing research for Predicting Educational Relevance For an Efficient Classification of Talent.

C. PROPOSED SYSTEM

a. PROBLEM STATEMENT

Currently existing systems such as Whatsapp, Paytm, Phonepe, etc do not provide facilities like communication, message broadcasting, online payments and transactions in one application. Users have to use different applications for these purposes. The proposed application can be used as a single application which can provide all those functionalities of those applications into one single application. Also some applications like Vibe, Linechat, Wechat, etc do not provide proper security to the users, also these applications are system dependent. Proposed system provides a high level security with system independence..

b. SYSTEM DESIGN
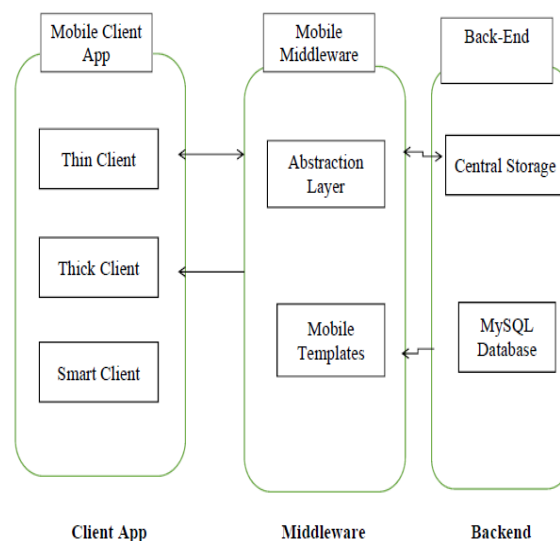
FIG. 1

The block diagram consist of three layers.
1.Client Layer-it consist of different types of client that can access USEA. Clients can be of different types i)Thin client-clients that will use the application daily basis but does not have any control over application. ii)Thick client-users that will used the application on rarely basis but can control the application. thick client have many access permission assign to it. iii)Smart client-users that will have complete control over the application i.e. Administrator.

2.Middle Layer-it mainly consist of two elements. the abstraction layer will help the system to hide complex information from the user. user will only focus on the functionality not on actual working. the mobile template used to convert the website pages into the mobile format using the predefine templates. the user can access the application on the website or on the smartphone that related information is stored inside the Middle layer.

3.End Layer-central storage of the data is present at the End layer.it also consist of the central mysql database. end layer consist of the element that have to store on server to provide different functionality to the user. all the data store carefully by the administrator can placed inside the End layer.

C. CONCLUSIONS

Using USEA a society member can perform the day to day activities on a single click.it help to keep and maintain the record of all the society members. the details about the transaction and money spend can be listed out using USEA application. accounting records of the society and reading balance sheet which will be visible to all the society members, notice board which will be helpful for broadcasting messages to all, discussion room for all members to participate to discuss on day to day issues of the society.to save the time of the user by using single application for many purpose's instead of using different applications for different purposes. the USEA provide an application that can be used as option to many other applications. task like money transactions ,messaging, activity handler, chatting application, handling and managing different kind of information is possible with USEA application. Societies can used this application as all the functionalities that society member have to performed is provided to the user.

REFERENCES

[1] Linqi Song, CemTekin, and Mihaela van der Schaar, Fellow, "Online Learning in Large-scale Contextual Recommender Systems" IEEE 2014 IEEE Transactions on Services Computing.

[2] X. Hu, J. Tang, and H. Liu, "Online social spammer detection," in Proceedings of the Twenty-Eighth AAAI Conference on Artificial Intelligence. AAAI, 2014, pp. 59–65.

[3] Balebako, R., & Cranor, L. Improving App Privacy: Nudging App Developers to Protect User Privacy. Security & Privacy, IEEE, 12(4), 55-58 (2014).

[4] AndrisSkrastiņs and JansJeļinskis, "Priority-based Session Admission Control Method for Next Generation Internet", 2017 Second International Conference on Fog and Mobile Edge Computing (FMEC) .

[5] Alternative Graphical Authentication for Online Banking Environments, Proceedings of the Eighth International Symposium on Human Aspects of Information Security & Assurance (HAISA 2014).

[6] Ashok Bahadur Singh,"Mobile banking based money order for India Post: Feasible model and assessing demand potential", International conference on emerging economies-Prospects and challenges (Jan.2012).

[7] Senthil Kumar Thangavel, DivyaBharathi P and AbijithSankar"Student Placement Analyzer: A Recommendation System Using Machine Learning" 2017International Conference On Advance Computing And Communication System.

[8] Dyna Marisa Khairina, FajarRamadhani, Septya Maharani and HelizaRahmaniaHatta "Department Recommendations for Prospective Students Vocational High School of Information Technology with Naïve Bayes Method" 2016 ICITACEE .

[9] "Security assessment of Mobile- Banking", IEEE International Conference and Workshop on Computing and Communication (IEMCON),Leili Nosrati, Amirmasoud Bidgoli,ISBN:978-1-4799-6907-4 (Oct.2015).

[10] Akansha Mishra, RashiBansal,Dr. Shailendra Narayan Singh, "Educational Data Mining and Learning Analysis" 2017 IEEE.