REMEMDIUM

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Abstract—Technology assists us to do things when we are unable to muddle through our day. In terms of time & space, technology makes it more efficient to promote the traditional skills & ways of life. When people call in for favors due to ailment (illness) where you run out of diagnosis & you are immediately in need of medication, med-care finds a way in sorting out such problems. The asset of med-care is to make it convenient for all users without any age hindrance. There exists three zones of input- the experts can commence to diary their details with their locality, people can easily reach out to their nearby clinic with referral to the information table; people are provided with the provision of entering the tablet name & their locality. The application validates the database & enlists the nearby shops. If the user can't route out to the pharmacy he can then contact the service provider & get the medicines delivered at their doorsteps.

I INTRODUCTION

Rememdium System is console applications which is actually multi functional and can be used to get immediate access to medical applications and needs at emergency situations. All you need to do is signup and create your own profile by entering various required details. User is provided with the functionality to edit, update and also to view his own profile. Rememdium provides the simple user friendly interface. One of the vital components of Rememdium is that when you specify your residential location and the medicine you are looking for, it provides you with a list of medical shops nearby only those which have sufficient quantity of the medicine that you have specified. Now the User on having the list of pharmacies in hand can choose one of the shops and place the order for the desired quantity. The medicines that you order for always remain in your history, therefore you need not check for the correctness of the medicine every time you order for. In today's world people don't find enough time for anything. Therefore there is yet another important feature of Rememdium which serves this need. That is, once you sign in with your personal account, you will be able to view profiles of chief doctors and thereby send request to fix appointments. As a whole it is designed and developed in such a way that the User could get the best help at emergency situations.

II LITERATURE SURVEY

Decentralized Erasure Codes for Distributed Networked Storage

In the aspect of protecting the data, erasure coding is a prominent method where fragmentation process occurs. The data is broken down into fragments and a Configuration number is encoded with each fragmented piece. Those pieces are stored in various locations like storage nodes, disks, etc. Consider there are k sources to be partitioned within a storage space of n storage nodes provided k is less than condition.

We need a data collector which can find solutions to the queries being raised by the k sources and furnishing the data. Decentralized Erasure Codes comes up with linear codes possessing a specific

randomized structure based on random bipartite graphs. This tends to reduce computation cost, communication and storage over random linear coding.

Ubiquitous Access to Distributed Data in Large-Scale Sensor Networks - Decentralized Erasure Codes.

Consider a very large area of wireless sensor network; assume that there are k nodes and n sources generating data packets. In that case, nodes having incomplete storage and computational capabilities leads to the problem of ubiquitous access to the dispersed data packets. Such hindrances can be solved by introducing a class of removal codes that can effectively disperse the data "pre-routing" only $O(\ln n)$ packets per data node. By the use of this schema the data are made accessible to data collector located wherever in the network.

C. Data security and privacy in wireless body area networks

Wireless Network of bearable computing devices i.e., WBAN (Wireless Body Area Network) plays an important role in e-healthcare. WBAN's implantable sensors placed on the patient's body senses the body movements and other gestures. The sensed information is transmitted to various users like healthcare personnels, researchers & other medicare staffs in other networks.

Applications are Ubiquitous health monitoring (UHM), remote monitoring, biofeedback and many more. WBAN system maintains the patient's record in a distributive manner. This is considered as a major disadvantage as the data is prone to be lost. Therefore the foremost task is to prevent malicious modifications by unauthorized users and also to ensure integrity and confidentiality.

WBAN is an emerging technology that might bring revolutionary changes in the field of medical science. Data security and maintaining confidentiality of patient's

records are the areas in WBAN which requires a lot of investigations and research.

D. Total Recall: System Support - 0020Automated Availability Management.

Increase in population in today's world resulted in hike in demand for various resources. Availability in Storage Management Systems requires to be processed and engineered in such a way that it serves the intended purpose for many users. Many techniques like redundancy and failure recovery are provided to overcome the problems that are being encountered. However the job of configuring the system is finally left to the system administrator. But there are a few individuals who can manage the trades-off involved, let alone the instance to adapt their decisions to change conditions.

However majority of the static configurations are done with preliminary understanding of how these changes will impact the performance measures and efficiency. Configuring systems by this way might cause problems even for storing individual arrays, but might seem to be of great help in Distributed systems and absolutely decisive for the wide area peer-to-peer storage infrastructures being explored.

The main objective of this system is to notify the user about the current availability status, to let him know about the location of the host components and to maximize the efficiency of delivery.

III   PROPOSED SYSTEM
A. Reduced manual efforts
The number of persons involved in maintaining the transactions is reduced, so that the processes can be carried out quickly, as the reports are not transferred to any persons for testing, etc.

B. Faster Transactions
The transactions can be carried out quickly, than the manual efforts. The time taken for transactions would be the time

taken for feeding the data into the computer only; there would be no time needed for calculations or generation of reports.

C. Increased Reliability

The computational complexity is reduced, so that the error-rates are also reduced. Unlike manual efforts, any changes can be reprogrammed in the software, quickly.

D. Attractive Reports

The reports can be generated quickly anytime when they are needed. The reports generated would be neat and attractive and can be changed to any required form.

E. Secured Data and Backup

Unscrupulous persons cannot access the data stored through the software, as there are passwords for every entry. The large amount of data can be taken backup, so that loss of data is greatly reduced.

## IV FEATURES OF THE PROPOSED SYSTEM

The information's flow should be developed. Help messenger, alert, list of values. There should be entry screen and reports for all modules. It should be provided making the project user friendly. It should ensure that the details entered by the user are not accessible by unauthorized users. Database should be structured with minimum redundancy and it should be in normalized form. System security should be provided. The system has been developed to generate timely reports. Regular updates of the system make it more efficient, saving information at various stages in faster manner, faster addition, deletion, modification capabilities. Alternative choices are made available in case of any emergency. User queries can be solved with greater clarity. Authorizations of users are ensured. Easy accessibility for all users. All data is validated before inserting it into the database. The user should be able to get a clear idea of the entire schedule of the service providers. The admins should be responsible for the authorization of the service providers.
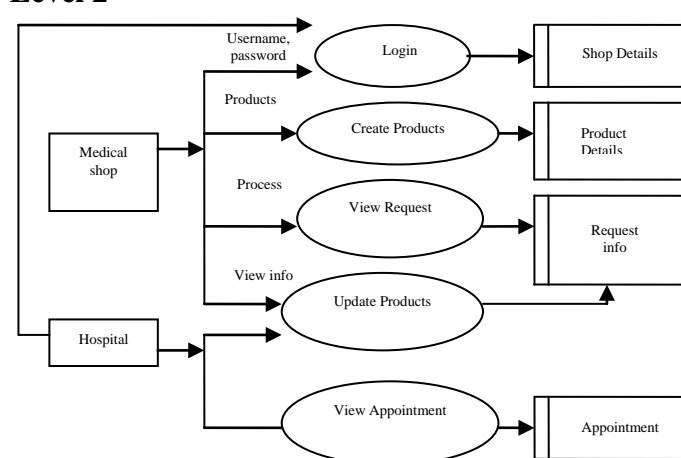
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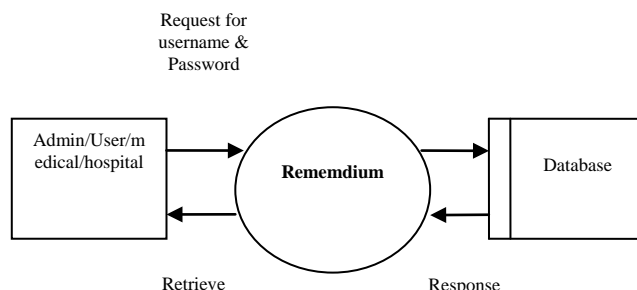
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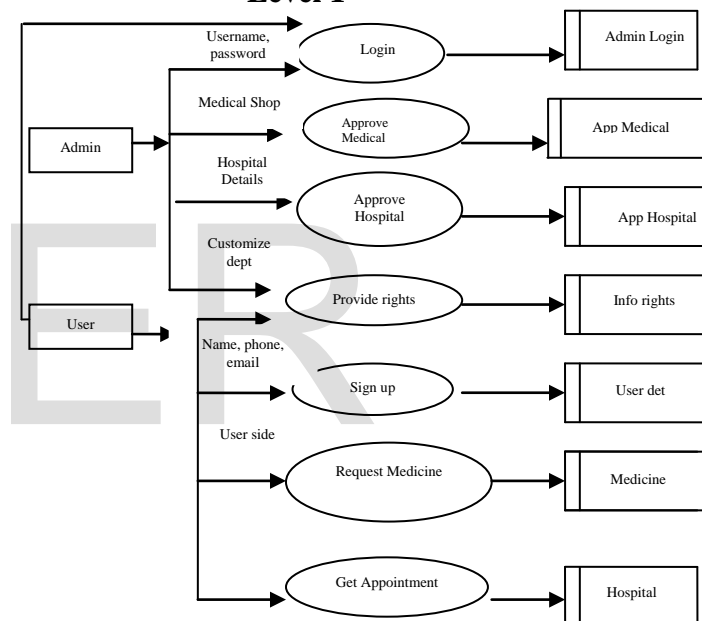
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VI EXPERIMENTAL ANALYSIS

Current date and timings are intimated whenever any new updates are made. Only the approved pharmacies and hospitals are kept in the user's viewport. All the possible nearby availabilities are listed to the user. The biggest asset is, the user can select and cart the products for future reference.

Rememdium is an integrated system of medical platform where the user can enquiry details concerned with doctor's appointment, nearby hospital details and ordering of the medicines, all just by a click.

It is more enhanced with the provision of carting the products, showcasing all the medical provisions in a single platform. Increases the security of the users by allowing them to make changes whenever needed. Faster means of updates and immediate response to the queries.

VII CONCLUSION AND FUTURE WORK

We are concluding that the output has been verified according to the commitment given by us. REMEMDIUM is working well for huge number of database. While uploading dataset, the admin can search the uploaded data will be viewed in the data grid. Here admin will be authorized person for all the activities. As we concluding the admin can able to view the separation of approved and unapproved categories of the medical shop and hospitals. The database will separate the both categories.

A prior login zone has been provided to Users, Medical shop, Hospital and Admin. This is the important feature in this project. So that we are concluding this project has been completed as per the provided abstract and as per the commitment.

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