

Personalized Access Controls Management System

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ABSTRACT:

Our lives are filled with account numbers, passwords, PIN codes, and other pieces of confidential information that we need to remember and keep track of. Passwords for credit cards, bank accounts, confidential photos, music and video, very valuable scanned copies, drying's license and passport numbers, and insurance policy numbers are just a sampling of what we need to keep track of. Due to our busy life cycle we cannot remember all of them. In order to provide a very elegant and powerful solution to this problem this project called "Personalized Access Controls Management System" has been designed and developed. The philosophy is that we should be able to remember one password. The idea is to make that one password very secure and through that password we have access to all of our other passwords. This application can securely store Bank Account Information. It uses a powerful algorithm and implements a highly secure encryption mechanism. PACMS becomes an essential through its ubiquity, ease of use, security, and feature set. It uses one of the simplest and user friendly interfaces and can store more than just passwords. It provides a lower cost solution to provide a high security system to store all the confidential data.

Keywords: PACMS, security, Passwords, encryption

I. INTRODUCTION

System Planning is one of the important items to be considered before actually beginning the project. Planning is performed on the issued like defining Life Cycle Model and an organizational structure project, configuration management, quality and validation activities. In the process of the System Planning various phase-dependent tools, techniques and notations are determined. Preliminary cost

estimates for the system development and preliminary development schedules are established. Preliminary estimates of the computing resources required to operate and maintain the system are developed, glossary of terms are prepared. The system quite often people write down confidential account numbers and passwords on paper and carry it along with them in order to remember those confidential details. In the existing system, people can also use general purpose email

facility as a data store for storing all of their confidential data so that they can access them through internet from any place. The proposed system PACMS is a powerful web application which can securely store confidential data like passwords for credit cards, bank accounts, confidential photos, music and video, very valuable scanned copies, driver's license and passport numbers, and insurance policy numbers are just a sampling of what we need to keep track of. As each piece of information is entered into the PACMS system, a separate database entry is created. At the time of entering confidential data and information depending on the type of information it is, the system will prompt the end user for related information. Later, when the end user needs to retrieve data, the user will need to access the application using a single password. Application's retrieval interface will display each entry by name, but categorize and group together types of entries, such as bank accounts, credit card accounts, and other passwords.

Many of us carry an access card or ID badge. That means your office uses an access system. But how does it really work? It's difficult since most people have never seen an access system. When initially wondering about the access control system, most people believe it is just a card reader on the wall.

In reality there is a little bit more to it of course. It's not very difficult though, there are just a few parts behind the scenes at work that make the magic of opening a door happen. That is what this blogpost is about.

Reading this will give you a full and comprehensive understanding how access control systems work and the language

needed to communicate about it with vendors. Of course we included many useful and in-depth resources as well.

Modules:

- User Management Module
- Security System Module
- Personal Information Locker Module
- Bank Account Information Locker Module
- Image, Video and Music Locker Module

User Management Module:-

This module can be accessed by administrator. In this module administrator has to monitor the registered users. So the administrator has to provide approve or reject the registered users after communicating with the users. After approval also he can lock and un-lock the users. This administrator can view the list of locked and unlocked users at any time.

Security System Module:-

This module is used to provide the security for user stored information like their username, password and personal banking information and file information. By providing encryption mechanism we have to store the data in the database and by providing decrypting the data we have to provide view that data.

Personal Information Locker Module:-

This module can be accessed by users. In this module user can store their personal information like email id & password, pan card details, passport details and driving license details and any time he can view & delete those details if he need. This module is dependent on Security system module to encrypt and decrypt the email id & password, pan card details, passport details & driving license details.

Bank Account Information Locker Module:-

This module can be accessed by users. In this module can store personal banking information's like bank account details, net banking details & insurance policies details and he can view those details if he needed. This module is dependent on Security system module to encrypt & decrypt the details like bank account, net banking details & insurance policy details.

Image, Video and Music Locker Module:-

This module can be accessed by the users. In this module user can store the Images like scanned or normal copy of images, he can upload audio files which required security and ha can also upload video files which required security. If the user required those stored images, audio files & video files can be download.

II. CONCLUSION

The Personalized Access Controls Management System is web-based application. This application software has been computed successfully and was also tested successfully by taking "test cases". It is user friendly, and has required options, which can be utilized by the user to perform the desired operations.

III. REFERENCES

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