

Secure File Downloading System

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Abstract : *This paper entitled as “Secure File Downloading System” has been developed by using PHP as front end and MySQL as backend. The main objective of the project is used to develop a secure file download. It helps to download the files such as images, videos, gif, documents, pdf formats in full-fledged security. Unauthorized persons cannot able to access the files. In user access, secret answer is created when the login is created itself. Without secret answer, user cannot download any files from the website. It is used to protect files from the attackers when the attackers give wrong secret answer which will not be available to anyone. Administrator can upload files and also can download files from their login with secret answer. And also administrator can edit their profiles.*

Keywords: *Blood, Donate, Donor, Bank*

1.INTRODUCTION

Detecting insider attacks continues to prove to be one of the most difficult challenges in securing sensitive data. Decoy information and documents represent a promising approach to detecting malicious masquerades; however, false positives can interfere with legitimate work and take up user time. The goal is for this type of decoy to serve three main purposes. First, using a language that is not used in normal business practice gives real users a clear signal that the document is fake, so user wastes less time examining it. Second, an attacker, if enticed, will need to exfiltrate the document’s contents in order to translate it, providing a cleaner signal of malicious activity. Third, consume significant adversarial resources as they must still read the document and decide if it contains valuable information, which is made more difficult as it will be somewhat scrambled through translation. In this project, Administrator present a preliminary evaluation which shows how user significantly increase the cost to attackers in terms of the amount of time that it takes to determine if a document is real and potentially contains valuable information or is entirely not genuine, confounding their goal of with draw important sensitive information.

2.EXISTING SYSTEM

Trap based decoy documents are a particularly promising technique for detecting masquerades. This approach exploits a knowledge gap that exists between legitimate and unauthorized individuals. Normal users will be familiar with the documents that are present in their system and are therefore capable of differentiating decoys from real files. Masquerades and even traitors who are less familiar with the particular data sets that are in use, on the other hand, should be more likely to access decoy material due to its believability.

DISADVANTAGES

- Duplicate Users will come and download the file.
- The Secret data of company files are easily spread with unauthorized persons.

3. PROPOSED SYSTEM

The main objective is to provide efficient use of resources.

ADVANTAGES

- When the user wants to download a document, user need to give particular keyword he given during the registration time.
- This process contains a chat like application also, it is used for communicate with all the employees.

4.PROBLEM DEFINITION

Currently users have to download the files from various webpage and attackers may capture the files. The files are not secure to download the files. Users have no prior information about the files.

5.OVERVIEW OF THE PROJECT

In modern days, user work is more difficult to face customer security. The process of securing and downloading the files is hugely increasing in day-to-day life. Sometimes, the files can be captured by the attackers. By using this software, user can download the files in secure way and it is a multi user system.

6. MODULE DESCRIPTION

There are four modules for storage, memory and performance.

MODULES USED

- User module
- Admin module

USER MODULE

User can login the web page using username and password to download different files (documents, image, video, gif, pdf, excel, ppt) using their secret key.If the secret key is valid then user can download the particular file else then file cannot be downloaded.

ADMIN MODULE

The administrator can login the page with username and password to upload the files and to download the files with their secret key.

7. DATA FLOW SYMBOLS

Data flow diagram includes four properties such as

- Entity

- Processing
- Storage
- Flow of data

8. SYSTEM TESTING

System testing is a testing of hardware and software. Knowledge of logic is unnecessary for system testing.

UNIT TESTING

Unit testing deals with components of a software. It is a small part of testing. Developers are involved in unit testing. It includes functions, interfaces, and classes as a part of software for unit testing.

VALIDATION TESTING

Validation testing is the process of checking whether the software specification satisfies the customer need.

USER ACCEPTANCE TESTING

User acceptance testing is a client side testing. The user validates the software whether it meets their requirements. This is a final testing performed before the deployment of the software.

BLACK BOX TESTING

Black-box testing is a high level testing and it is a method of testing that the internal structure of the software is not known to the tester.

WHITE BOX TESTING

White-box testing is a lower level of testing method, whereas the internal structure of the software must known to the user.

9. SYSTEM IMPLEMENTATION

The secondary storage comprises two properties. One is to allow the storage to rewrite the data. Second is to allow only minor movement of disk. The information based on booting of the system will be stored in boot sector of the operating system. The details contain number of bocks, partition table and number of free blocks available. The file control block (FCB) involves size, permission etc...Linear search algorithm is used to find files.

10. CONCLUSION

In conclusion, work provides preliminary support for a method to increase decoy documents to attackers while making them as unobtrusive as possible to legitimate users. Specifically, enhancing decoys through automated language translation can make these documents more enticing to adversaries, leading to an increase in exfiltration attempts. Furthermore, the translation process can potentially make decoys more easily avoidable by typical users while causing adversaries to consume more time and effort. The results of our evaluation provide preliminary evidence in support of our claim that translation between languages provides a useful tool for reducing the error rates associated with decoy-based insider threat detection systems.

11. FUTURE ENHANCEMENT

This system can be future enhanced even if the new methods are implemented. Further the system can be enhanced to support large networks. Further the customer size details can be improved. Further the project can be made through everything online.

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