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Encryption Data Webhouse of Enterprise Information System

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Abstract— Within the business world, many corporations store, hospitals, universities, prepare and update their data of activities in massive databases. As years pass, massive quantity of records is collected in the systems of the corporations. Because the system grows rapid, some issues in the comprehension and evaluation of the records collected arise. Within the recent years, the idea of data warehouse has all started to seem as a new kind of complicated selection support platforms. These records are organized in a manner so that it will present easy use and extremely good reporting performance. The main goal of making a proposed data webhouse is to allow a better and secured control of the hospital doctors and patients who are inside the hospitals in order to be able to perform evaluation for patients and doctors. In this paper, the proposed data webhouse system is secured by using Advanced Encryption Standard AES technique in order to encrypt all information inside proposed system's database and providing each person username and password so that avoiding any misuse of the system. The records can also be utilized by the proposed a data webhouse website whilst figuring out a hospital policy for different hospitals. The purpose of this paper is to design and develop a data webhouse using AES technique with help of asp.net language and hospital's database of different hospitals. AES technique helps to secure data file which will be upload in proposed system's database. So, the proposed system will be secure all patients and doctors information. Advanced encryption standard technique used in proposed system in order to secure stored data in database. The results of the proposal are good in terms of time. In addition, securing data inside the web protects it from attackers and increases accuracy in dealing with that data.

Keywords— Webhouse, Enterprise Information System, Advanced Encryption Standard AES, WebOLAP, Web Analysis

1. INTRODUCTION

The web is used by the warehouse of web-enabled data to record transport and cooperation amongst clients. In the surroundings of a maturing data warehousing, data warehouses were increasingly related to the internet. Basically, an access increase is indicated for records inside the warehouse of data. The boom approach in data access, in flip, is increased within the company's understanding level. Even before it is connected to the web, access may be provided to records to many clients in addition to a lot of issues and a corresponding increase in the expenses of communication. All that has been changed with the invention of the internet. Nowadays, more clients have become much easier to be added[1].

End-user software developers are developing more and more programs about internet pages. The desire for a user-interface developmental environment is now the development of the internet page environment. A new shape of the warehouse of data is represented by the webhouse. The web which presents great data resources helps collect information from different resources and then integrate them. The decisional platform is to be secured because of the critical

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