

DESIGN OF DRUG DATA INFORMATION SYSTEM USING CAESAR CIPHER METHOD AS DESKTOP-BASED ENCRYPTION MEDIA

RIKO HADI PRAYOGA

*Informatics Study Program, Faculty of Science & Technology
University of Technology Yogyakarta
Jl. Ringroad Utara Jombor Sleman Yogyakarta
E-mail: rikohadiprayoga08@gmail.com*

ABSTRACT

The clinic is a small public health facility that provides treatment and health checks. Implementation of sales transactions and control the availability of drugs at the clinic whose data is stored in the database. The confidentiality of the database becomes very important, so it needs to be protected by using certain algorithms. Caesar cipher algorithm is one of the algorithms used to secure confidential or private data by encrypting it. This encryption aims so that when the data is stored into the database the data is encrypted. The encryption process is carried out by encrypting the drug names stored in the inventory system by using a certain key using the Caesar cipher cryptographic algorithm method.

Keywords: *Inventory Information System, Encryption, Cryptography, Casar Cipher Algorithm*