

ABSTRACT

GENERIC ARCHITECTURE OF HEALTH INFORMATION SYSTEM IN DISTRICT/CITY LEVEL

By

Azzahra Siti Ramadhani

1202184010

Public health is improving through community efforts in providing health services, prevention, and eradication of the disease. Health Information System is a rule in which data, information, indicators, procedures, devices, technology, and human resources are interrelated and managed systematically to direct actions or decisions that are useful in supporting healthy development. This research was conducted to design a generic architecture for the District/City Health Information System (SIK) based on three case studies, including the Bandung City Health Office, Palangkaraya City, East Jakarta City, and Menteng Health Center, and Cakung Health Center. This generic architectural design uses TOGAF ADM because it is detailed and can provide an easy-to-reach architectural understanding. In TOGAF ADM, there are several phases: Primary Phase, Architecture Vision Phase, Business Architecture Phase, Data Architecture Phase, Application Architecture Phase, and Technology Architecture Phase. Each phase will produce artifacts, catalogs, and matrices. The research was carried out until the Technology Architecture Phase by describing the existing and target conditions so that the results of this study are in the form of a blueprint described by business needs.

Keywords: Architecture Generic, Health Information System, TOGAF ADM, Blueprint