ABSTRACT

Al-Ihsan Hospital was originally established by the Al Ihsan Islamic Hospital Foundation on January 15, 1993. However, in 2004 it was officially handed over to the West Java Provincial Government based on the decision of the Supreme Court Number: 372 K/Pid/2003 as well as the Official Report on the return of evidence from the Prosecutor's Office. Bandung State to the West Java Provincial Government. Al-Ihsan Regional General Hospital has become a referral hospital in Bandung Regency with class B + Education. Of course, various support for hospital information system technology is needed in order to achieve its goals.

Al-Ihsan Hospital has used the Hospital Management Information System (SIMRS) and several additional applications that can support business processes within the hospital. There are problems that can interfere with business processes in hospitals, namely the doctor's application that has not been integrated with the drug warehouse so that sometimes it is not in sync between the drug prescriptions given by the doctor and the stock of drugs in the warehouse, another problem is in the medicine warehouse that has not been digitized so that control is still done manually.

Based on these problem conditions, it is necessary to have an *Enterprise architecture* design system to improve systems that have not been integrated and also add new applications for kitchen warehouses so that they can be integrated using the TOGAF ADM framework method. Furthermore, a blueprint and an IT Roadmap will be created that can be used as a guide or reference in the development of the suggested system.

Keywords: simrs, *Enterprise architecture design*, integration, togaf adm, *blueprint*, *medicine warehouse, pharmacy*