

## Abstract

Sistem Informasi Puskesmas (SIMPUS) is part of an e-Health Management System (EHMS), namely the management of health data and information are supported by the application of information technology (IT). The topic of research is audit of information systems as a preparation of the implementation EHMS especially SIMPUS. Health agency which is the object of the research implementation is Puskesmas Ciparay. Puskesmas Ciparay is one of the state-owned health facilities which will receive SIMPUS. Hence, it is needed an audit to measure utilization rate of IT at Puskesmas Ciparay such that the development process will more easier. In this study, the framework used is COBIT 5. In this research, the framework used is COBIT 5. It is caused Cobit 5 has a characteristic namely a separation between the governance who has strategy policy and Puskesmas management who implement the policy. Based on Process Capability Models, the result of measurement of best practice and work product respectively are 45 % and 56 % . It show that the measurement value of Puskesmas Ciparay is in 1- Performed process. Hence, this qualification can not be forward to the next level. It means that, Puskesmas Ciparay use IT in day-to-day are just transactional activities.

**Keywords** : *e-Health Management System, EHMS, SIMPUS, Audit of Health Agency, COBIT 5, best practise, work product*