

ABSTRACT

Yayasan Kesehatan Telkom is an enterprise that engaged in the world of medical. To carry out its business activities in achieving the aim of the company, Yayasan Kesehatan Telkom need the information system that supported by adequate technology infrastructure. Moreover, with the government policy related to the Social Security Agency (BPJS) became one of the challenges in the medical world to align business strategy and information technology strategy in accordance with the needs of BPJS.

Enterprise architecture is one of methods that can be used to align business strategy and information technology strategy that is designed to suit the business needs. TOGAF ADM can be one of the framework that can be used as a guidelines in designing of enterprise architecture. Use of TOGAF ADM in this study due to the iterative, detail, and sustainable nature in developing of enterprise architecture level. TOGAF ADM is composed of 9 phases from preliminary phase to change management architecture phase.

This research resulted in technology architecture blueprint used as a reference of designing and developing the technologies of Yayasan Kesehatan Telkom related to the cooperation with BPJS.

The hope with the architectural design technology, the technology that existed at Yayasan Kesehatan Telkom today can evolve to be better with the business development and the cooperation conducted with BPJS can run smoothly without any significant obstacles.

Keywords: enterprise architecture, blueprint, technology architecture, TOGAF ADM, Yayasan Kesehatan Telkom, BPJS