

ABSTRACT

North Bandung Cattle Breeders Cooperative (KPSBU) is a business entity in the form of a cooperative that accommodates dairy farmers in the North Bandung area, Lembang, West Java. In running its business, KPSBU does not yet have an application that is able to integrate financial services for payment of milk. Besides that, submission of financial services is still done manually. This causes financial-related information not to run efficiently, data cannot be monitored in real-time, data redundancy occurs, and business processes do not run efficiently. Therefore, it is necessary to have an integrated milk payment information system between one division and another to support the payment activity. This study aims to design an Enterprise Architecture (EA) that focuses on the business function of paying for milk. The method used in making the enterprise architecture is using the TOGAF ADM framework which includes several stages, starting from the Preliminary Phase, Architecture Vision, Business Architecture, Information Systems Architecture, Technology Architecture, Opportunities and Solutions, to Migration Planning. The results obtained from this study are in the form of an overview of the company's existing conditions related to the business architecture, data, applications, and technology in KPSBU, as well as the target architecture design which is expected to be a guide in developing a milk payment information system so that the targets and objectives of the North Bandung Cattle Breeders Cooperative (KPSBU) Lembang are achieved.

Keywords — Enterprise Architecture, Cattle Breeders Cooperative, TOGAF ADM, Payment of Milk, Livestock Architecture