

ABSTRACT

E-School is an electronic-based application that helps organizing unit of elementary and secondary education to implement School-Based Management (SBM) in accordance with the National Standard of Education (SNP). E-School Solutions is using latest technologies such as Service Oriented Architecture (SOA), cloud computing and the Enterprise Social Software (ESS). The use of cloud computing will reduce the costs incurred by the school. Cloud Computing helps the school so that the school didn't need to buy a server and pay for HR to manage servers and applications. To produce a good e-School, it will require an Enterprise Architecture (EA) which can integrate business needs schools with Information Technology (IT) as a reference in making the application of e-School. Enterprise Architecture Framework (EAF) used in this study is using the TOGAF Architecture Development Method (ADM). E-School integrates all the functions contained in the school but in this study will focus on the discussion of curriculum functions only.

Keywords: Enterprise Architecture (EA), e-School, TOGAF ADM, and curriculum.