

Abstract

The development and advancement of villages are critical priorities for the government. BUMDes are a government effort to increase village income and progress. However, many BUMDes face obstacles in preparing financial reports according to accounting standards and corruption cases involving BUMDes have harmed village communities and hindered progress. Previous research has offered a solution in the form of the SIABDes V1 application. However, the solution offered has many shortcomings. So that BUMDes needs a solution to these problems. The solution offered in this research is the TAXion Website-based SIABDes Application. This research aims to identify the needs and software modeling of the SIABDes TAXion application. This research uses the Agile Requirement Engineering method with the requirement engineering process model. Modeling language with Unified Model Language (UML). The results of the identification of needs are that BUMDes requires simple financial recording with accounting SAK .EMKM standard, PPh 21 and PPN calculations along with reports. In software modeling produced usecase diagrams, activity diagrams, entity relationship diagrams and software architecture.

Keywords: BUMDes, SAK.EMKM, agile requirement engineering, requirement engineering process, UML