ABSTRACT

Industrial developments encourage companies to develop towards digitalization. Including in corporate social responsibility. Corporate social responsibility (CSR) is a form of policy or activity organized by an organization or business entity in contributing to the surrounding community and environment. The CSR program is implemented with the aim of becoming a sustainability program. The purpose of this sustainability can be achieved by transparency in the organization, stakeholders, community and the environment. In BUMN, social responsibility is carried out in the Tanggung Jawab Sosial dan Lingkungan (TJSL)*, accordance in the Regulation of the Minister of State-Owned Enterprises number PER-05/MBU/04/2021 concerning the social and environmental responsibility program of state-owned enterprises.*

The main problem in TJSL implementation is in data management and reporting. This can be caused by manual data management in excel files. the use of Microsoft Excel in processing transaction data is very error-prone because the data is entered manually and can cause a chain effect in data collection. There are quite a lot of data errors from the worksheets so that it is necessary to re-check the data and correct the data manually. To overcome this problem, it is necessary to develop a TJSL program management application which will be developed using an agile approach with the scrum method. Software development using scrum emphasizes taking steps on software development in a nutshell. The test method TJSL application uses black-box testing method and user acceptance test. Based on load testing the system can run well with less than 245 users. While the results of the user acceptance test obtained a value of 89.8% which explains that the application is accepted by the user.

Keyword: **CSR, TJSL BUMN, CSR Application, CSR Information System, TJSL Information System, Scrum.**