

ABSTRACT

Information system is one of the study programs in the faculty of industrial engineering, Telkom University. The information systems study program has two groups of expertise and seven areas of specialization that each student can choose from. Based on the results of the selection of specializations carried out in the 2015 batch, there are significant differences in the number of students in the existing specializations. the balance of the number of students with lecturers and education staff that supports the implementation of effective and efficient learning is one of the focuses of the accreditation assessment. In addition to students and lecturers, student scores are also the quality of the output that is assessed. Therefore, the study program needs to periodically monitor and evaluate these components. Researchers want to make a decision support system to monitor and evaluate by providing useful information to be used as a basis for decision making. The method used to design the dashboard is Pureshare. With the Pureshare method, researchers produce a dashboard that visualizes data based on key performance indicators. Key performance indicators help users measure existing conditions with targets to be achieved. The design of a dashboard decision support system is one way that can be done to monitor and evaluate the components of the accreditation assessment. The information presented on the dashboard can assist top-level management in making decisions based on key performance indicators.

Keywords— decision support system, pureshare, business intelligence, dashboard, key performance indicator