

ABSTRACT

Telkom University is an organization and also an university that has a study program. As an organization Telkom University every year has the objective to be achieved and for the study program have accreditation to be achieved. Telkom University managerial parties need to know every achievement of the goals and values of a study program accreditation. To assist the parties in terms of the managerial, developed dashboard application that can display information about the achievement of the goals of the University Telkom and the value of study program accreditation.

Application dashboard that displays different information requires different data calculation models. Dashboard that displays information Telkom University achievement of goals requires the calculation model data in accordance with the contract management (KM) are made using balanced scorecard (BSC) as a type of measurement. Dashboard that displays the information value of accreditation requires the calculation model data corresponding to matrix assessment study program accreditation forms BAN-PT. This research aims to make the calculation model data according to KM and matrix assessment study program accreditation forms BAN-PT so that the right information can be generated by each dashboard. In the study of this calculation model used scrum framework and will be divided into four sprint. On the dashboard accreditation various data such as the number of students, number of teachers, and others are used for the purposes of accreditation so that needed to map the data to determine the data used for the dashboard accreditation and to know that data can be retrieved from anywhere. The results of this study there Supplier Input Process Output Customer (SIPOC) document that describes the data that is required for the purposes of accreditation dashboard, the calculation process to obtain the output, the outputs of the calculation process value item which will be displayed in the form of a bar chart and a list of data that can be retrieved from the website igracias.telkomuniversity.ac.id and properman.telkomuniversity.ac.id for accreditation purposes. SIPOC is a tool that can be used to determine the essential elements of a process, but it also can show the interaction between the elements one with the other elements.

Keywords: Contract Management, Dashboard, BAN-PT, Scrum, Sprint, Balanced Scorecard, SIPOC