

ABSTRACT

Assessment Center Indonesia (ACI) is one of business units in Telkom Indonesia which aims to carry out the competency identification process for selected candidates who will hold a position in a company. The process of competency identification is done through a method known as Assessment Center. In scheduling assessment center activities, ACI employees still currently use Microsoft Excel which makes it difficult for employees to see the people in charge of the activities. Based on these problems, this study aims to design a Decision Support System (DSS) that can show the order of assessor values and a system that can view the schedule of assessment activities easily so that ACI employees can use as reference material for assessor performance evaluation.

This DSS design uses Weighted Sum Model (WSM) method. The WSM method is used to assist in determining the order of assessor values. The design of this DSS is based on a website developed with the Laravel framework and uses the PHP and MySQL. In the system testing process, black box testing and user acceptance testing were administered to test the functionality of the system against the designed scenario.

In the current study, a system that can provide a sequence of assessor values based on assessor assessment criteria was created. This system can also provide information about the schedule of activities along with the assessors in charge of the activities. System testing with black box and user acceptance testing showed that the system can run according to the stakeholder's expectations.

The conclusion from this study is that the design of the Assessor Decision Support System at Assessment Center Indonesia can be used as an evaluation tool for assessor activities in carrying out their duties. The system can be used as a medium to store the assessment activity schedule so that the employees and assessors will have it easier to view the activity schedule. The system that has been designed can be developed according to the needs of ACI employees. Further developments can be focused on adding features.

Keyword: Assessor, WSM, Decision Support System