

Abstract

Online Assessment Test known as Online Test nowadays frequently used in the learning process to evaluate test participants performance online more easily. Type of question in the online test is usually Multiple-Choice Questions (MCQ) thus it is important to consider about question answering pattern so that the results of the online test is really show the participants ability to understand the material that has been studied in the learning process. In this final project, process mining that is Process Discovery is used to determine navigation model, how participants answering online test questions, in order to know how the model affects the test participants performance. Process mining is done using one of the Process Discovery algorithms ie Fuzzy miner with ProM framework. The used data is online test process event log and analysis conducted on the process flow that occurs in answering process of the online test. Thus known the navigation model effect on the test participants performance.

Keywords: *Online Assessment Test, Online Test, Multiple-Choice Questions (MCQ), Process Mining, Process discovery, Fuzzy Miner, ProM, Event Log.*