

ABSTRACT

One of the problems that cause failure in requirements engineering is the elicitation stage that is often the requirements that have been determined and produced is still ambiguous, unclear, incomplete or not in accordance with the needs of customers. Requirements visualization has been widely applied to many stages of the life cycle requirements engineering. Requirements visualization is also applied to activity elicitation requirements. However, the number of applications is not followed by the evaluation of visualization. In this final project, four visualization techniques applied to activity elicitation requirement. The four visualization techniques are evaluated and compared to find out which technique is best applied to activity elicitation requirements. Evaluation using case study with stakeholder participant of related project. The things tested in this evaluation are divided into several Issues, the first is the usability issues to test systems that have implemented visualization techniques and the ease of using the system. Functionality issue is used to determine the overall function of the system. While effectiveness is used to find out how effectively the system helps the user in the process of organizing, visualizing, and verifying requirements in elicitation activities requirements. Ratings for each visualization technique are also applied to this evaluation. The results of the tests show that the table has the highest average score, followed by treemap, tag cloud and the last graph

Keywords: *requirements elicitation, requirements engineering, requirements visualization, requirements visualization evaluation*