# Abstract

The use of the website in the field of education, particularly university, aims to store a variety of information on the environment of the university. So that, it is necessary to restore the structure to maintain the quality of the web. One technique that can be used is web usage mining. Web usage mining is one branch of web mining is used to discover useful information or knowledge of the user navigation pattern on a website. This final project the graph-based methodology for *frequent sequential access patterns* and use Igracias Telkom Univercity as a study case. Because Igracias Telkom Univeristy always used by all entities that existed at Telkom University. This method has the advantage to find behavior patterns of user access. Usage patterns obtained from the pruning with compatible minimum support.

Keywords : *web mining, web usage mining, metode berbasis graph, frequential sequent access patterns.*