

Abstract

Now days, developing of websites and these data in World Wide Web grow rapidly. Developers of the site try to give the best effort to get better performance by mining all data that they get, so that there is Web Mining issue. One of Web mining's categories is Web Usage Mining (WUM). WUM is process to analyze pattern usage and user's activities recorded in server log of the website. WUM has three phases, they are preprocessing data, pattern discovery, dan pattern analysis.

In this final task, one of Frequent Sequential Pattern mining's method will be implemented to find sequential pattern of user access in pattern discovery phase, it is Adaptive Web Access Pattern Tree (AWAPT). This method uses Huffman code technic so that will be better in memory usage.

Keywords: Web Usage Mining, Frequent sequential Pattern mining, AWAPT.