

Abstract

Nowadays, adaptive hypermedia has grown rapidly, static hypermedias are rarely used. User characteristic and his/her environment can be adapted by hypermedia system in adaptive hypermedia. That adaptation can be used to give the most suitable learning model to user. For example, in e-learning every user or student have their presentation and navigation that match their knowledge level.

This Final Project's objective is to test the ability of IMS LD in expressing adaptive navigation support. The ability of IMS in the implemetation of three techniques in adaptive navigation support is analyzed in this research, including: Direct Guidance, Link Sorting, and Link Hide/Show. The experiment done by testing the techniques to various user's model. The result show that IMS LD fully supports two of three technique mentioned before, Direct Guidance and Link Hide/Show. As for Link Sorting Technique, IMS LD only support it on the learning activity level.

Kata Kunci: Adaptive Hypermedia, navigation support, IMS LD, e-learning