

Universiti Teknologi MARA

**Enhancement in Mind Mapping Software:
Personalization on Educational Approach
for Secondary School Students**

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ABSTRACT

The primary purpose of this study is to identify the effective features in mind mapping software and enhance the features based on students needs. The effectiveness features might give some ideas to the researcher in developing others mind mapping software. The objective of this study is to compare two of the existing mind mapping software based on educational approach, to identify the effective features for learning process in the selected mind mapping software and the last is to demonstrate the features based on students needs in the selected mind mapping software. The mind mapping software was tested to secondary school students two different school which are Sekolah Menengah Kebangsaan Sultan Ibrahim (2), Pasir Mas and Sekolah Menengah Sultan Sallahuddin Abdul Aziz Shah, Shah Alam. The respondent for this study is between the ages of 13 years old until 17 years old. The instrument used in this study is questionnaire. The questionnaire was designed to get the opinion and suggested features from the students. Then the features will be demonstrated using MS PowerPoint. The features that are added are attachment, icons and exporting features. These features are selected based on students needs. The respondents itself said that that features give them a benefit on how to use it. These features are important for secondary school students because that features easier to use by them.

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