

ABSTRACT

The advancement of technology nowadays has generated people's tendency to save file digitally and lessen the saving of papers. Currently, Harddisk capacity has enable users to store numerous and various files. However, users find it troublesome to memorize the location of each file since it is saved in different folder. Not to mention that each user could not access other's users file effortlessly. Consequently, it took time to search and access that file.

Therefore writer in this final project offer a solution to develop a system that was able to back up files into a database automatically, with the intention that the searching and accessing files activities can be done with query from any other computer that has connected to server database.

Whilst users scan a file through a database, there's a possibility a data redundancies occurs. In order to lessen data redundancies, writer use the approach of comparing files through file properties information.

Based on the analysis taken, it is proven that the scan consuming time was faster once there are lots of similar files in the scanning process. Moreover, to save N files as the similar file it needs only once to store the file.

Keyword : *backup file, query, database, file properties*