ABSTRACT

In software development process, usually there are many requirements that user needed, but sometimes the available resource is not good enough to meet all of the requirement, so developer should find a way to implement that requirement. In a case where the insufficient resource is DBMS, the developer must do some data migration to migrate records from old DBMS to the new DBMS. Data migration is the proccess of moving data from some context to another context, the context can be technology platform, data structure, data format, or location. In fact, data migration proccess still need some tools or syntax that require further knowledge to use.

The goals in this final project is to develop a software that can be an alternative to perform two-ways data migration between Microsoft Access DBMS and Oracle DBMS. This software is does not need extensive knowledge about syntax but knowledge about data migration proccess is mandatory. Among the features of this software is create new schema, display table structure, doing full migration or custom migration, display and save migrating history, and save-and-load configuration.

Keywords: Data Migration, DBMS (Database Management System)