ABSTRACT

User management is a mechanism or a way to take over management of user login. Managed by the addition or deletion of user, role management, role mapping and privileges to users and objects in the database and user profile. User management console is done at the command line using the syntax and quite prone to mistakes in writing thus hampering a DBA or other database users in the user management. Therefore, a desktop-based GUI application for user management is built using Java programming language and DBMS Oracle11g. The method used in the development of this application is the Waterfall method. This software was tested functionality with a method black box. In addition it also conducted a test of satisfaction with the software through a questionnaire involving 14 respondents. The results are 92% of respondents felt that the software is easy to use and prefer to use the software than using the console. The test results show that the software can be used as an alternative tool to facilitate users in performing user management database in Oracle 11g.

Keywords: user management, console, desktop-based aplication, Oracle 11g.