

## ABSTRACT

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*Recently, to create, edit, or delete a subprogram such procedures, functions, and triggers, user should be able to minimize the time. In addition, users prefer a GUI interface compared with console or cmd and users should also be careful in typing the syntax of the subprogram. Because, although there are slight errors in syntax, system will display an error message from the syntax. To solve these problems, this applications created to assist the user in organizing or managing subprogram contained DBMS, especially Oracle. Because of the interface GUI (Graphic User Interface), a user are permitted to be able to create, edit, and delete a subprogram. The application have checking feature subprogram in case of a syntax error by displaying an error message when a user presses the save button. In addition, when a user store subprograms syntax to the database, the application will automatically save the syntax directly into the files of type .txt on the desired drive. For subprogram type of trigger, the application provides management features subprogram status to enable or disable a trigger.*

*Keywords: DBMS (Data Base Management System), GUI (Graphic User Interface), Software, Subprogram*