

Higher Technical Institute's Structured Query Language Utilities

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Summary

The aim of this project is to create a graphical user interface package that can maintain all types of database files, can make queries on them and can build reports and labels based on these files.

This report presents in detail the whole project whereas in a separate documentation the source listings are provided in order for subsequent changes to be made easily.

Also a separate User's Manual has been provided to help the users that are going to use the system. The manual gives extensive, descriptive and helpful material to guide the user through the system.

Milis Demetris Costa



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Acknowledgements

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Higher Technical Institute's Structured Query Language Utilities

Introduction

This system works in graphical user interface and combines three of the most frequently used applications in database systems.

The first one is a Report And Label Writer. One of the most frequent but time-consuming parts of database application development is creating and maintaining database reports and mailing labels. Developers spend countless hours counting column positions and writing hit-or-miss code to produce database reports. The solution to this problem is the Report And Label Writers.

The second one is a Structure Query Language On-line Tool. Structure Query Language (SQL) is a widely used tool for accessing data stored in relational database systems. Its various commands are intended to be directly typed into computer terminals or personal computers. The results of those commands are then displayed on the display screen for the user to examine. This sort of easy access to data, makes SQL very effective at answering particular questions.

The third one is an X-Base Management Tool. No database system can work without database files. But the creation / maintenance of databases without X-Base Management Tools is really hard. Creating the database through a program is not as efficient and easy job as entering the Tool. So the lack of X-Base Management Tools makes the use of database system harder.