DATABASE RELATIONS AND BORLANDDELPHI

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Abstract

Database is a set of data that has been arranged in such a way with certain provisions or rules that are interconnected so that it makes it easier for users to manage it, and Delphi provides complete facilities for processing databases. Various database formats.

Keywords: Database Liaison and Borland Delphi

A. INTRODUCTION DATABASE RELATION AND BORLAND DELPHI

A database is a set of data that has been arranged in such a way as to certain provisions or rules that are interrelated so that it makes it easier for users to manage it also makes it easier to obtain information. Besides that there are also those that define the database

as a collection of interconnected files, tables, or records stored in electronic media. Some of the benefits of databases that we can get include:

- ❖ Speed and Ease
- ❖ Use together
- ❖ Centralized data control
- ❖ Save device costs
- ❖ Data security
- ❖ Facilitate the Making of new applications

The Delphi is an IDE (Integrated Development Environment is a computer program that has several facilities needed in software development. The purpose of IDE Compiler for Pascal programming language and software development

environment is used to design an application program).

Delphi provides complete facilities for processing databases. Various database formats can be processed by Delphi, for example databases with Paradox, dBase, Ms-Access, ODBC, Oracle, SQL Server and others.

Before Delphi, Borland had long issued a very well-known database management program, the Paradox program. With Delphi, the capabilities of the Paradox program are getting better and more perfect.

In a local database, the database format used is usually Paradox, dBase, or Access. Database This local can also be used for multi-user applications, but does not have client-server application capabilities. The basic difference between multi-user and client-server systems is that in a multi-user system, the server only provides data, all manipulation processes are carried out on the client computer. Whereas in the client-server system, in addition to the server providing data, there is also a division of the burden of tasks between the client and server in the process of data manipulation.

To process databases with large enough data and quite a lot of users, you should use a database format that supports client-server, for example SyBASE, Oracle or SQL Server.

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B. CONCLUSION

Delphi provides facilities complete database processing. Various database formats can be processed by Delphi, for example a database with Paradox format. Before Delphi, Borland had already issued a very well-known database management program, the Paradox program.

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C. ACKNOWLEDGEMENT

University Of Indonesia
University Of Mitra Indonesia
Telkom University
University Of Melbourne
Saitama University

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