**CHAPTER IV**

**CONCLUSION AND SUGGESTUION**

**IV.1 Conclusion**

* Database is an arrangement of complete operational data records of an organization or company which organized and stored in an integrated manner by using a particular method so as to meet the optimal information needed by the users
* Database is important because it can organizing the data, avoiding duplication of data, deleting relationships between data that are not clear and also updating data
* Microsoft SQL Server is a product of RDBMS (Relational Database Management System) created by Microsoft. People often call with SQL Server only. Microsoft SQL Server also supports SQL as a query language for processing into the database, and we know that SQL is already used in general to all database server products on the market today. Microsoft SQL Server is widely used in the world of business, education and government as well as a database or data storage solution.
* Function of SQL Server :

1. SQL allows you to access and manipulate databases.
2. SQL to execute queries against the database
3. SQL can retrieve data from the database
4. SQL can insert records in a database
5. SQL can update records in the database
6. SQL can delete records from database
7. SQL can create a new database
8. SQL can create new tables in the database
9. SQL can create stored procedures in the database
10. SQL can create views in the database
11. SQL can set permissions on tables, procedures, and views

* Feature of SQL Server

1. Relational Database Engine
2. Notification Services
3. Reporting Services
4. Service Broker
5. SQL server Agent
6. Replication
7. Full Text Search
8. XML Support
9. Multi-Instance Support
10. DTS Enhancement

* Advantages and Disadvantages of SQL Server

SQL Server has many excess like:

1. Can create *mirroring* and *clustering*.
2. Has high performance.
3. Centrally control.
4. SQL server has good features.

SQL server also have a minus like :

1. Not Free.

SQL server are a database server with license, license price also not cheap SQL server feel so heavy to small factory.

1. Just worked on windows platform.

Sometimes there a weakness on execute code.

* Comparison Between SQL Server and MySQL

SQL Server Advantages:

• SQL Server controlled TPC – C and price.

• SQL server usually easy to installation, using, and controlled.

• Transact – SQL has high rate than MySQL language

MySQL Advantages:

• MySQL support all platform, not just Windows Platform.

• MySQL doesn’t really need much hardware power.

• You can used MySQL free under GNU (General Public License).

SQL Server just working for platform like Windows like Windows 9x, windows NT, Windows 2000 and windows CE.

• My SQL support all platform like, windows, AIX-System, HP-UX System, Linux Intel, Sun Solaris and etc.

**IV.2 Suggestion**

1. Choose Database Applications in accordance with company requirements.
2. Choose the appropriate Database Applications with the ability of the company.
3. Create a database that is good and right in order to avoid things that are not desirable.

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