**CHAPTER 1**

**INTRODUCTION**

**I.1 Background**

Database is a collection of data that is stored systematically in a computer that can be processed or manipulated using the software (application program) to produce information. Database is important aspect in information systems where the database is a repository of data to be processed further.

Every small companies or large companies that use computers or the Internet must have a database. Every company needs a database to manage all the company activities section of goods, employees, users and even the company's website also requires a database. The need for database has increased along with rapid technological developments. The database has been around since the 1960s that used a commercial field. Database processing is still based on traditional file management

The database is currently used not only for commercial, but the field of governance and education. The database makes data management within a company becomes easier and arranged neatly. The database was already widely grown species such as Relational, Hierarchical and Network. Each has advantages and disadvantages. But now every company using Relational Database type because it was improved and better than other types.

SQL Server is a database which most used by most of companies. Most of companies rather use SQL Server because SQL Server is better than other Database Application. The big reason why many companies trust SQL Server is because it was created by Microsoft and every people know Microsoft is not a bad company. Microsoft is a trusted company who running at Computer Technology section. Windows is one of their product which used by many companies in this world. At Security section Microsoft has good server,trusted and safe. So, that's the reason why many companies rather to use SQL Server.

**1.2 Writing Objective**

The purpose of this ISAS are :

● to understand definition of Database

● to understand definition of SQL Server

● to knowing history of SQL Server

● to knowing function of SQL Server

● to knowing feature of SQL Server

**1.3 Problem Domain**

In accordance with the title of ISAS "SQL Server Database" We will discuss:

♦ How to install SQL Server

♦ Knowing advantages and disadvantages using SQL Server

♦ Knowing comparison between SQL Server and MySQL

**1.4 Writing Methodology**

The method used is the method of browsing from internet, read someone review article, and do it by ourself.

**1.5 Writing Framework**

The paper was written by systematic as follows :

**CHAPTER I : INTRODUCTION**

**1.1 Background**

Discusses the history of Database and why SQL Server is choosen by many companies.

**1.2 Writing Objective**

The purpose of this article is to understand all about SQL Server Database.

**1.3 Problem Domain**

Mention several points about the limitations of the problem to be discuss.

**1.4 Methodology Writing**

Our team use the method of browsing and observing.

**1.5 Writing Framework**

Describe the entire of ISAS

**Chapter II Basic of Theory**

Tell the definition about SQL Server, History about SQL Server, and Version about SQL Server.

**Chapter III Problem Analysis**

Analyzing and solve the problem that contained in problem domain.

**Chapter IV Conclusion and Suggestion**

Conclude and suggest related to ISAS.