

CHAPTER 2

LITERATURE REVIEW

2.1. Previous Research

Previous research in information system development is done Suyadnya (2008) who developed a software as a solution of VCD/DVD rental business. The software can keep information of transactions happened in the rental, that is renting and returning the VCD/DVD. These transactions are related to payment fund, and status of the film. Besides that, the system also considers about customer satisfaction by having feature that can make the customer book VCD/DVD by using Short Message Service (SMS).

Pratama (2010) developed a reliable information system for a fitness centre. The information system was built in order to manage the data needed in organizing the fitness centre, especially membership and inventory of tools and equipment provided in the fitness centre. For the membership data, the system manages the registration of new member, payment, absences, and data of body building of the member. On the other hand, the system manages the data of tools and equipment especially for its condition and status. The system make the owner of the fitness centre can monitor and control the business easily.

Sriyanto, dkk (2010) designed an information system in "Semar", a shop of gold trading. The research objective is designing an information system that

supports real-time access, confidential data, and improving the effectiveness and efficiency of the performance of employee.

Stephanie (2011) developed an information system as the basic of Collaborative Planning And Replenishment. The research is conducted in order to design a Computer Based Information System that supports the transaction so that the stock can be presented accurately in the needed report. Besides that, the system is designed to aid the shop in decide the purchasing quantity.

2.2. Current Research

In the current research, the author would like to develop a Computer Based Information System (CBIS) to support the business processes in Vegetus Vegetarian Minimarket. By using the Computer Based Information System, Vegetus can gain better performance in realizing the business process. The information system is developed using the software of Microsoft Access and Visual Basic 6.0.

Table 2.1. Comparison of Previous and Current Research

COMPARING VARIABLE	PREVIOUS RESERCH				CURRENT RESEARCH
Author	Suyadnya(2008)	Pratama (2010)	Sriyanto,dkk (2010)	Stephanie (2011)	Marlim (2011)
Tittle	<i>Pembangunan Perangkat Lunak Penyewaan VCD/DVD dengan Layanan Booking Film Terbaru Berbasis SMS Gateway</i>	<i>Pengembangan Aplikasi Pengelolaan Fitness Center</i>	<i>Perancangan Sistem Informasi Toko Emas</i>	<i>Sistem Informasi Pada Ritel Sebagai Dasar Collaborative Planning And Replenishment</i>	Information System Development in "Vegetus" Vegetarian Minimarket
Proposed to	VCD/DVD Rental	Fitness Centre	"SEMAR" (trader of gold)	Shop "69"	Vegetus Vegetarian Minimarket

Table 2.1. Comparison of Previous and Current Research (continued)

COMPARING VARIABLE	PREVIOUS RESERCH				CURRENT RESEARCH
Objective	Create a software that make a business of VCD/DVD rental can be organized easily; and create a software that can make the customer book VCD/DVD using Short Message Service (SMS)	Computerize all the data of membership, including registration, payment, absences, data of body building of the member status Keep the information of inventory and condition of tools and equipment in the fitness centre	Design an information system that support real-time access, confidential data, and improving the effectiveness and efficiency of the performance of employee	Design a Computer Based Information System that support the transaction, present stock and needed report; and equip the shop in decide the purchasing quantity	Develop an Computer Based Informatio n System to support the business processes in Vegetus Vegetarian Minimarket

Table 2.1. Comparison of Previous and Current Research (continued)

COMPARING VARIABLE	PREVIOUS RESERCH				CURRENTT RESEARCH
Software Used	Microsoft Visual Studio 6.0	Microsoft Access and Microsoft Visual Studio.NET	-	Microsoft Access 2003 and Microsoft Visual Basic 6.0	Microsoft Access 2003 and Microsoft Visual Basic 6.0
Level of Information System	Transaction Processing System (TPS)	Transaction Processing System (TPS)	Transaction Processing System (TPS)	Management Information System (MIS)	Transaction Processing System (TPS) and Management Information System (MIS)