

CHAPTER I

INTRODUCTION

1.1. Background of Final Report

Indonesia is one of many countries that are facing the industrial revolution 4.0 in which technology development is one of the results of it. Industrial revolution 4.0 is the rapid availability of information from all industrial products through an integration of technology with human resources who have adequate intellectual levels (Azmar, 2018, p. 35). However, the industrial revolution 4.0 can cause social impacts, too. For example, the existence of technology can cause human roles to be replaced in industrial processes and almost all production processes because with technology all jobs can be completed quickly and more effectively.

Almost all countries are affected by the industrial revolution 4.0, including Indonesia. Franita (2016) explains that one of the factors that causes a lot of unemployment in Indonesia is due to lack of human resources expertise and skills (p. 90). Thus, it means technology development in Indonesia caused a lot of unemployment due to lack of preparations with the emergence of technology. Understanding of technology is very important for the current era because, in addition to helping increase knowledge about technology for the continuity of work, an understanding of technology can also help for the interests and daily needs such as recording and storing important data.

Technology has a negative impact on our daily lives. Technology can make some people become anti-social, lazy, and always expect something instant because of technology addiction. On the other hand, technology development also has positive impact in Indonesia, where many people become more advanced in technology, can store personal data neatly and can make people understand how to share information quickly with each other in daily lives.

The impact of globalization has led to developments in science and technology. One of them is computer technology. One of the uses of computer technology is as information medium and as an interactive, communicative, and familiar data processing for some people (Purnama, 2010, p. 6). Data processing to produce computerized information is a tool that is needed right now in various types of businesses because information can be presented in a fast and accurate time (Octafian, 2011, p. 148). Therefore, computer is very helpful to get thousands of information and also used to process thousands of data in it.

Data is crucial information that must be stored. Data is a clear fact of the scope, place and time. There are two data sources for obtaining data, namely primary data sources and secondary data sources in the form of written news or electronic signals (Imbar & Chandra, 2009, p. 47). Besides knowing about data, database is also very important thing to the data. The database is a collection of interconnected data that is stored together, in such a way and without unnecessary redundancy, to fulfill various needs (Munif, 2013, p. 6). From the explanation, it can be concluded that the two components are equally important and interrelated to one another. Database is a data processing system so that a data or information can

be processed easily and it requires several applications or software so that the processing of data is easier and more practical. Some of them are ACCURATE Standards, Microsoft Excel, MySQL, and Microsoft Access. All of these applications are tools that are used to assist the preparation of data or information that has been obtained. But in this final report the writer focuses on using the Microsoft Access application to arrange data and information.

Microsoft Access is the most popular application that is often used by people. Although the complexity of access is quite high, it is considered as one of the friendliest database programs for beginners (Letkowski, 2014). Microsoft Access is considered to be very adequate for processing and creating a system that compiles data or database. The use of Microsoft Access application is very helpful in processing and creating database in a small or medium business, more specifically in the Luxcell Business. Moreover, Luxcell Business is a small business that serves the purchase of credit balances that have problems with cash management that still manually used paper as a storage medium for transaction data that can cause data to be easily damaged and lost. Thus, based on this background, the writer compose a final report entitled **“Designing a Cash Management for Luxcell Business by Using Microsoft Access Application”**.

1.2. Objective of Final Report

This final report is intended to facilitate the cash management process of small or medium businesses, especially Luxcell Business. This report is about designing a cash management by using Microsoft Access Application.

1.3. Significance of Final Report

This final report has three significances. First, it is expected that the final report will offer information to the readers about how to design database using Microsoft Access Application. Second, it is expected that Luxcell business owner better understands the functions of the Microsoft Access application. Third, it is expected that the final report can be used as a reference for entrepreneurs in small and medium businesses to develop their business using Microsoft Access Application