CHAPTER 8 : DISCUSSION AND CONCLUSION

8.0 INTRODUCTION

The developments of the system finally reach to the end, after all the stages that being implemented in this system are being tested and run successful, the system finally meet the requirements. Image processing is kindly one of the attractive feature can be described in this project. MATLAB software are very useful tools for people that are interested on doing their research on images, it is easy to learn and implemented. Therefore, the analysis for this system is very important to ensure the system is satisfied. The development process for implemented the system sometimes encountered several problems that can make the system take a couple of time to be implemented.

8.1 PROBLEM AND SOLUTION

From the beginning of the project, there are several problems that happen which make the system must be change gradually. The problems that distract the project development such as:

8.1.1 Installation MATLAB R2007a

I found a difficulty when I want to install this MATLAB R2007a software. It takes a long time for me to find suitable MATLAB software that capable to install in my laptop. Then, after ask all the expertise about the installation, I change the laptop that requires such a big size of memory to run this program.

8.1.2 Lack of knowledge using MATLAB R2007a

The MATLAB R2007a offer a very useful and easy tools if compare to other languages, because I have a knowledge on c++ and a bit on JAVA, I just
don’t have the experience on doing programming in MATLAB environment, therefore at first, I have a difficulty when I want to adapt with this language.

8.2 SYSTEM STRENGTH

The strength of this system is depending on how the system can be changes and adaptive with the new enhancement that being applied to it.

8.2.1 Easy to use and understand

The function that applied to the system is easy to understand and follow.

There are no such range of age are fix to it, it is depending on everybody that love to know how the image can be processed.

8.2.2 Simple interface

The interface that being design in this system are very simple, it does not need a very attractive interface because of the objective of the system is focusing on the image itself.

8.3 SYSTEM WEAKNESS

Weakness that have in this system are use for future enhancement, therefore the identify the weakness are important at early stage.

8.3.1 The limitation of chooses variety images

The system is not satisfied enough when the user only can pick the image that already appears at the interfaces. Users always have an inquiry to search a variety images that attractive.
8.3.2 Highly Language

The means or objective are highly subjective, it is require more knowledge to define the meaning of this project, and the terms that exist need a good understanding for people to describe it.

8.4 SYSTEM ENHANCEMENT

The enhancement for the system is required to make this system is satisfied enough. The variety option of the function on that system can increase the system weakness and give more understanding about the image processing. The planning for the best system can be start from the weakness that recognize such as the limitation of chooses the images and highly language. The expected outcome of the system can encounter the problems for the system so that it can be run by using a widely images and the language of the terms that does not fully understand will be solve by put some additional function on it such as the section for database library in this system to find out the terms that useful which is difficult to understand.

8.5 CONCLUSION

This chapter explains about the problem faces and their solution, system strength, system weakness and system enhancement for the future upgrade. The processes that involve in this project are success to meet the objective and the weakness that exists can be solving by doing a future enhancement on it. The knowledge on programming is important for developer to develop this system, and additional parts for user understanding are helpful for system more sophisticated.