

## CHAPTER 6

### CONCLUSION

The conclusion is that the program that I made works better than existing projects, with an average program success rate of above 90%, with 100 data that had been tested divided into 7 experimental scenarios where the program was able to work well with older people with a 100% success rate and so was Caucasians race whose success rate is around 97%, due to skin color which can help the program in detecting jaundice, while the program is quite heavy in detecting yellow areas for negroid races around 87.5% because the quality of light is able to make yellow areas become faint, as well as Image quality, meanwhile for Asian race, the program is quite impressive in distinguishing the yellow color of Asian skin and jaundice yellow where the success rate of the program is around 90% disease and 96% non disease. Distinguish Asian skin color with skin color jaundice, the down side from this program is sometimes backgrounds that have a color value such as yellow jaundice are still detected, the success rate of a program in detecting the jaundice area is determined by the quality of the light and image