

## **CHAPTER V**

### **CONCLUSION**

#### **5.1 Conclusion**

A web-based application to detect common skin cancer types by analyzing image input through the CNN classification model has been successfully created. By using the web application, user can instantly check their own skin condition by providing an image input through their device's camera or by uploading an image from the device's file system. Users can also become more aware of the danger of skin cancer by accessing the skin cancer information webpage. The application also has met the expectation by providing a probability of each skin cancer type as its output with a User Acceptance Test (UAT) score of 100%.

#### **5.2 Research's Improvement Advice**

Based on this research, there are some improvements that can be done in the next development for a better and more accurate skin cancer type prediction website. Those improvement's advice is :

1. If the goal is to achieve a better skin cancer type classification result, the dataset of the skin cancer type should have more images and variations.
2. The trained model can be further improved by using more advanced computer hardware.