

## CHAPTER 6

### CONCLUSION

It was concluded that the C45 algorithm obtained accuracy with the difference between Training data and Test data, 60.8% for Training data and 76.4% for Testing data. Proving that the C45 algorithm is effective for predicting the initial anomaly of damage to the machine.

The sensor value limit used in this project uses personal assumptions, it is necessary to re-calibrate the machine to be tested to get the official sensor value limit, and replace the sensors used because this project uses sensors for prototypes.

Accuracy in this project is to calculate the accuracy of sensor value readings.

