

BAB V. CONCLUSIONS

5.1 Conclusion

The conclusion of this final project are Iot Development Idea For Condition Monitoring System Of Mechanical Equipment (Case Study In Rotary Cement Kiln) already working well marked by measuring the distance and temperature of the object taken by the sensor and processed by Raspberry pi with output are the graph of roundness and temperature. Performance test results show the difference between the three until four tests of measuring roundness and temperature of Kiln are Closer space between sensor and kiln, make a good accuracy of infrared distance sensor and have a great accuracy of reading temperature sensor. Higher temperature of object, make a better precision of temperature sensor but displayed bad accuracy reads, and presented worse accuracy of infrared distance sensor.

5.2 Suggestion

Suggestion for the next final project are use sensors that have higher specifications, add sensors such as vibration sensors to increase the effective of tools, and use the system for control the actuator also

