



## **PROJECT REPORT**

### **IOT-BASED SMART CLOTHING DRYING TOOL WITH FUZZY METHOD**

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6. I have acknowledged all main sources of help.
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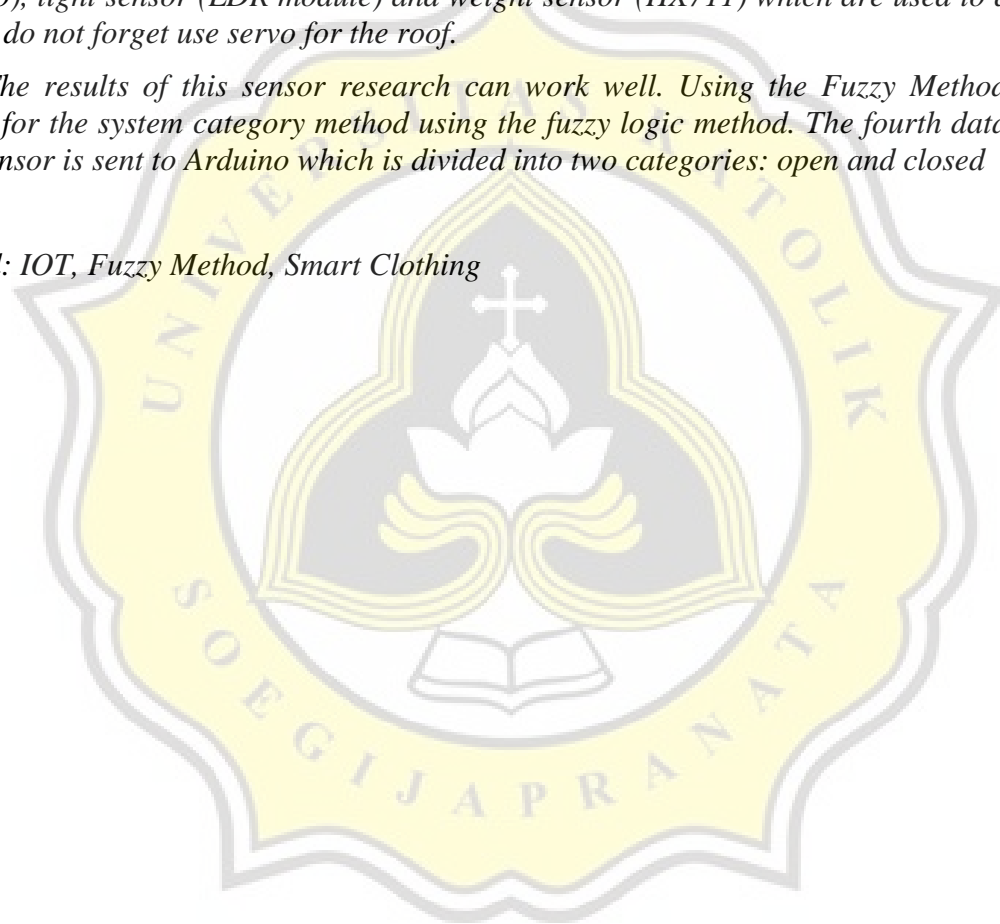
## ABSTRACT

*The development of this technology is very promising or useful for today's life which we often call digital technology. What is meant by a tool that no longer uses human labor manually, but a system that works automatically with a computer system. Manual human labor is housewives drying clothes in the hot sun. With this they are happy because the clothes dry quickly. But in this changing weather, they are very worried because the clothes don't dry quickly and are exposed to rain.*

*the author makes a tool to hang clothes automatically with a computer system without fear of rain. In this final project, the author proposes a solution to the above problems through the application of fuzzy logic algorithms by utilizing a temperature sensor (DHT11), rain sensor (raindrop), light sensor (LDR module) and weight sensor (HX711) which are used to detect rain and also do not forget use servo for the roof.*

*The results of this sensor research can work well. Using the Fuzzy Method which is effective for the system category method using the fuzzy logic method. The fourth data collected by the sensor is sent to Arduino which is divided into two categories: open and closed*

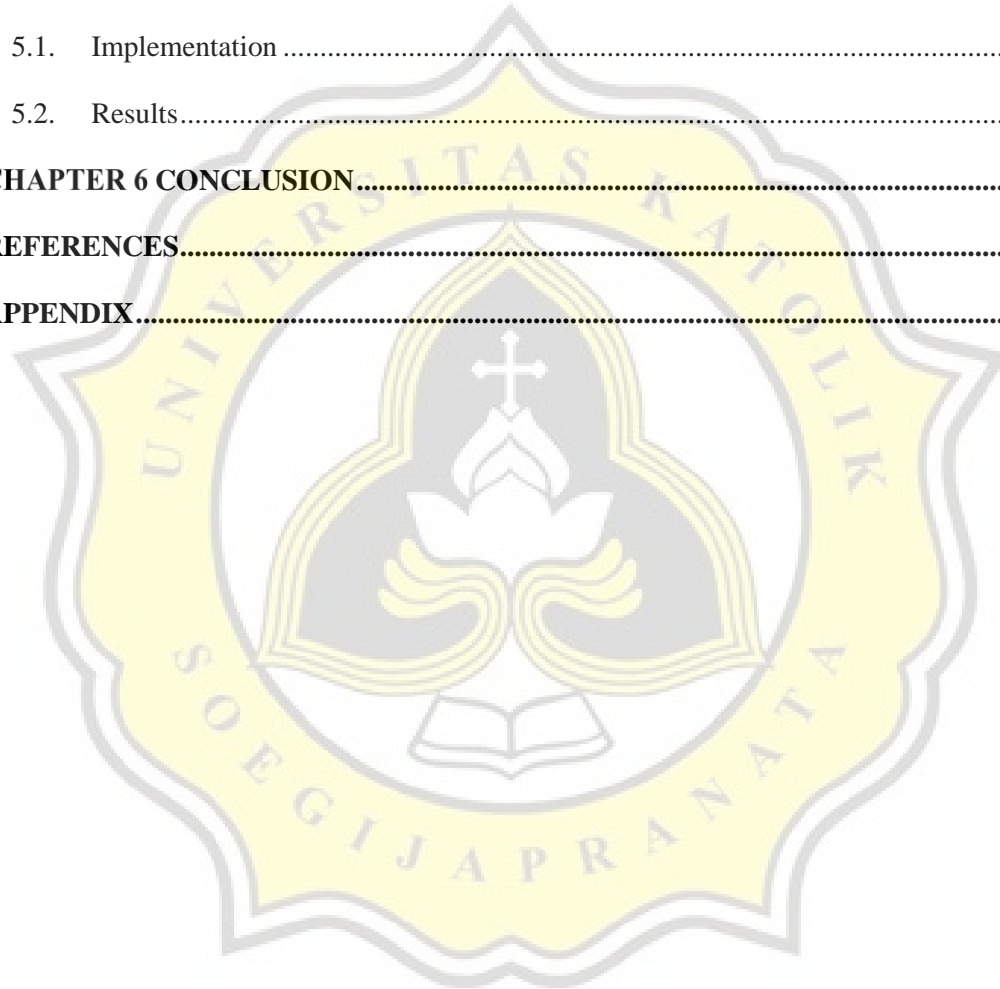
*Keyword: IOT, Fuzzy Method, Smart Clothing*



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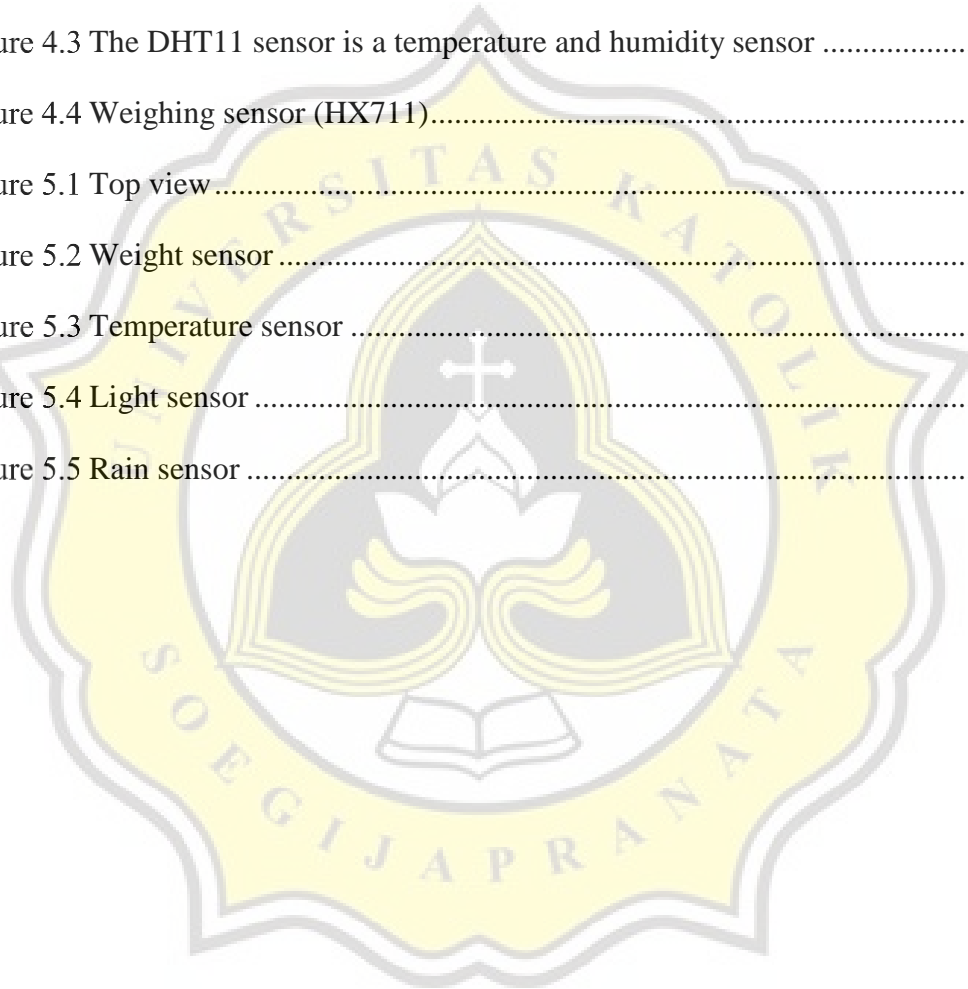
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