

**DESIGN AND TESTING OF SPEECH RECOGNITION  
IMPLEMENTATION IN HOUSE APPLIANCES CONTROLLING  
SYSTEM USING K-NEAREST NEIGHBOR ON BEAGLEBOARD**

*PERANCANGAN DAN UJI COBA IMPLEMENTASI PENGENALAN SUARA  
PADA SISTEM PENGENDALIAN PERALATAN RUMAH  
DENGAN MENGGUNAKAN METODE K-NEAREST NEIGHBOR  
PADA BEAGLEBOARD*

**FINAL PROJECT**

Presented to the Electrical Engineering Faculty in partial fulfillment of the  
requirements for the degree of Bachelor of Engineering in the  
Program of Telecommunication Engineering at Telkom University

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