

## APPROVAL PAGE

SENTIMENT ANALYSIS BASED ON TEXT ABOUT 2024 PRESIDENT  
CANDIDACY IN INDONESIA USING ARTIFICIAL INTELLIGENCE WITH  
PARAMETER OPTIMIZATION ALGORITHM

This Thesis is Approved and Authorized to be field in the Graduate Program of,  
The School of Electrical Engineering, Telkom University

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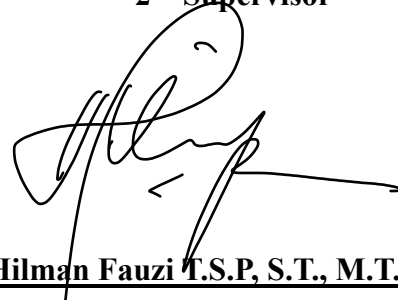
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