

PREFACE

All praise and thanks are directed to God Almighty, whose endless grace, guidance, and blessings have enabled the completion of this thesis, titled “**ANALYSIS OF SOCIAL MEDIA USING LSTM TO AUTOMATICALLY IDENTIFY MENTAL HEALTH PROBLEMS IN CANCER PATIENTS**”. This work is submitted as a partial requirement for the attainment of a Master’s degree in Electrical Engineering at Telkom University.

It is acknowledged that this thesis may still contain shortcomings. Therefore, constructive feedback and suggestions are warmly welcomed to support future improvements and contribute meaningfully to the advancement of scientific knowledge.

Sincere appreciation is extended to the academic supervisors for their valuable time, encouragement, and guidance throughout the completion of this research. Gratitude is also conveyed to the author’s parents, along with all individuals and institutions that have offered support in various forms. With sincere humility, it is hoped that the contents of this thesis will prove beneficial to readers and to the wider academic community.

Bandung, August 6th, 2025



Fasya Hanifah Putti
201012410029