

FINANCIAL TECHNOLOGY MOBILE APPLICATION WITH PREDICTION USING LONG SHORT TERM MEMORY MODEL AND CHATBOT USING NATURAL LANGUAGE PROCESSING

UNDERGRADUATE FINAL PROJECT

SUBMITTED AS ONE OF THE REQUIREMENTS TO OBTAIN SARJANA KOMPUTER

By: YOSEPH ADHITYA PAMBUDHI 001201800098

FACULTY OF COMPUTER SCIENCE
INFORMATICS STUDY PROGRAM
PRESIDENT UNIVERSITY

CIKARANG, BEKASI, INDONESIA AUGUST, 2023

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By

Yoseph Adhitya Pambudhi

Approved:

Cutifa Safitri, B.CS, M.IT., Ph.D. Thesis Advisor

Cutifa Safitri, B.CS, M.IT., Ph.D. Program Head of Informatics

Rila Mandala, Ph.D Dean of Faculty of Computing

STATEMENT OF ORIGINALITY

In my capacity as an active student at President University and as the author of the final project stated below:

Name : Yoseph Adhitya Pambudhi

Student ID number : 001201800098

Study Program : Informatics

Faculty : Computer Science

I hereby declare that my final project entitled "FINANCIAL TECHNOLOGY MOBILE APPLICATION WITH PREDICTION USING LONG SHORT TERM MEMORY MODEL AND CHATBOT USING NATURAL LANGUAGE PROCESSING" is to the best of my knowledge and belief, an original piece of work based on sound academic principles. If there is any plagiarism detected in this final project, I am willing to be personally responsible for the consequences of these acts of plagiarism and will accept the sanctions against these acts in accordance with the rules and policies of President University.

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Name : Cutifa Safitri, B.CS, M.IT, Ph.D.

ID number : 20190900815

Study program : Informatics

Faculty : Computer Science

Declare that following thesis:

Title of thesis : "FINANCIAL TECHNOLOGY MOBILE

APPLICATION WITH PREDICTION USING LONG SHORT TERM MEMORY MODEL AND CHATBOT USING NATURAL LANGUAGE

PROCESSING"

Thesis author : Yoseph Adhitya Pambudhi

Student ID number : 001201800098

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Cikarang, 2023

Cutifa Safitri, B.CS, M.IT, Ph.D.

PANEL OF EXAMINER APPROVAL

The Panel of Examiners declare that the undergraduate thesis entitled "MOBILE APPLICATION FOR FINANCIAL TECHNOLOGY (FINTECH) ASSISTANCE USING ARTIFICIAL INTELLIGENCE" that was submitted by YOSEPH ADHITYA PAMBUDHI majoring in IT from the Faculty of Computer Science was assessed and approved to have passed the Oral Examination on Friday August 18, 2023.

Panel of Examiner

RUSDIANTO ROESTAM

Chair of Panel Examiner

HASANUL FAHMI

Examiner I

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