PRESIDENT UNIVERSITY

DEVELOPMENT OF PAWNSHOP AND MARKETPLACE MOBILE APPLICATION UI/UX FOR BUY AND SELL USED GOODS USING KOTLIN

UNDERGRADUATE THESIS

Submitted as one of the requirements to obtain

Sarjana Komputer

By:

AZAZIAH ANUGERAH KALANGIT

001201800111

FACULTY OF COMPUTER SCIENCE

INFORMATICS STUDY PROGRAM

CIKARANG

SEPTEMBER, 2023

DEVELOPMENT OF PAWNSHOP AND MARKETPLACE MOBILE APPLICATION UI/UX FOR BUY AND SELL USED GOODS USING KOTLIN

By

AZAZIAH ANUGERAH KALANGIT
001201800111

Approved:

_____
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Rosalina, M.Kom.
Thesis Advisor

_____
Cutifa Safitri, M.Sc., 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   : AZAZIAH ANUGERAH KALANGIT

Student ID number   : 001201800111

Study Program   : Information Technology

Faculty   : Computer Science

     I hereby declare that my final project entitled "**DEVELOPMENT OF PAWNSHOP AND MARKETPLACE MOBILE APPLICATION UI/UX FOR BUY AND SELL USED GOODS USING KOTLIN**" 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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ID number : 20060100053

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Faculty : Computing

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ABSTRACT

In today's fast-paced digital landscape, the convergence of traditional commerce with cutting-edge technology has redefined the way people buy, sell, pawn, and repair items. "Wholesaler Used Goods" is an all-inclusive application that serves as a transformative marketplace, bringing together buyers, sellers, pawnshops, and repair service providers into one seamless ecosystem. The methodology used to develop this final project is rapid application development by offering a one-stop solution for a diverse range of consumer needs, it not only modernizes traditional commerce but also creates new opportunities for businesses and enhances user satisfaction. This research proposed an android based application which provide those 3 components as one. Future work to improve this application includes providing pawnshop to join inside become a unity that interconnected in one business platform.

ACKNOWLEDGEMENT

On this occasion, I would like to express my gratitude to God for his kind mercy and countless blessings, which have allowed the author to successfully complete this thesis. I have a lot of spiritual and monetary support from many people while I finish this thesis. As a result, I would want to express my sincere gratitude to those who consistently supported me during the entire thesis and deserve particular mention. My Father, mother as my main actors who always support me

1. Ms Rosalina as my final project advisor and

   Ms. Cutifa Safitri, M.Sc., Ph.D who encourage and motivate me to finish my Final Project.

2. All of my university friends who keep support me from the day we met in the beginning until now I finish my study.
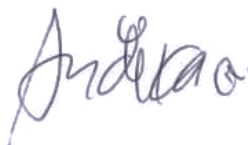
PANEL OF EXAMINER APPROVAL

The Panel of Examiners declare that the undergraduate thesis entitled "**DEVELOPMENT OF PAWNSHOP AND MARKETPLACE MOBILE APPLICATION UI/UX FOR BUY AND SELL USED GOODS USING KOTLIN"** that was submitted by (Student's Name) **AZAZIAH ANUGERAH KALANGIT** majoring in **IT** from the Faculty of Computer Science was assessed and approved to have passed the Oral Examination on Saturday September 16, 2023.

Panel of Examiner

HASANUL FAHMI

Chair of Panel Examiner

ANDIKA CANDRA JAYA

Examiner I