



**ANDROID BASED APPLICATION SHOPPING ENTRUSTED GOODS SERVICE
USING APRIORI ALGORITHM**

By

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ANDROID BASED APPLICATION SHOPPING ENTRUSTED GOODS SERVICE USING APRIORI ALGORITHM By Natasya Fransisca 001201800100 A Thesis Submitted to the Faculty of Computing President University in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Information Technology Cikarang, Bekasi, Indonesia Jan 2024 Copyright by Natasya Fransisca 2024 Android Based Application Shopping Entrusted Korean Goods Service using Apriori Algorithm By Natasya Fransisca 001201800100 Approved by: Abdul Ghofir, S.Kom., M.Kom Cutifa Safitri, Ph.D. Final Project Advisor Program Head of Information Technology Ir. Rila Mandala, M.Eng., 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 thesis/final project/business plan stated below: Name: Natasya Fransisca Student ID Number: 001201800100 Study Program: Information Technology Faculty: Computing I hereby declare that my thesis/final project/business plan entitled " Android Based Application Shopping Entrusted Goods Service Using Apriori Algorithm " 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 thesis/final project/business plan, 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. I also declare that this work, either in whole or in part, has not been submitted to another university to obtain a degree. Cikarang

ABSTRACT

Koreaseoul_id is an online shop that offers a shopping entrusted goods service (Jastip) for various Korean products from skincare, food, K-pop albums, accessories and many more. Currently, the buying and selling system carried out by Koreaseoul_id is still done manually, where that customer have to contact the Koreaseoul_id owner via whatsapp to ask for information on the item to be purchased. Not only that, the transactions recording is still done manually, by inputting the data contained in WhatsApp messages into excel one by one, this is clearly ineffective and very vulnerable to human errors or input errors. Based on the problems that occur, this research will create an Android-based application that can purchase goods at the koreasoul_id store, this is aims to make it easier for customers to make purchases of goods by presenting an online shopping service application from Koreaseoul_id and make it easier for customers to choose recommended goods, because this research will apply the product Apriori algorithm in providing product recommendations and facilitate store owner in managing sales transaction reports.

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