



## PROJECT REPORT

# Prediction of Online Shop Pre-Order Items with Apriori Algorithm

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10.02.0020

2013/2014

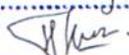
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APPROVAL AND RATIFICATION PAGE

PROJECT REPORT

Prediction of Online Shop Pre-Order Items with Apriori Algorithm

by

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This project report has been approved and ratified by the Dean of Faculty  
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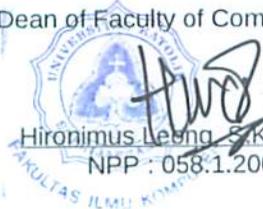
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### **STATEMENT OF ORIGINALITY**

I, the undersigned:

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Certify that this project was made by myself and not copy or plagiarize from other people, except that in writing expressed to the other article. If it is proven that this project was plagiarizes or copy the other, I am ready to accept a sanction.

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10.02.0020

## **ABSTRACT**

Online shop is booming in social media like facebook, twitter, etc. Via online shop, buying and selling can be done without knowing the seller and the buyer. Recently, online shop not only sell the items such as clothes (fashion), but all items can be sold in the online shop. Because of many items, sometimes online shop seller feels confused to determine the items to sell in online shop.

This application can facilitate online shop seller to predict what items can be sold in online shop. This project is using PHP Object language programming, array list as a data structure, and Apriori Algorithm.

The result of this project is prediction of items name which often bought at the same time. How to get items name that often bough is with join 2 items name and join 3 items name thay allowed minimal support. So, after this in the next pre order, the online shop seller do not need to sell too much items, just sell the items which often bought.

**Keyword: online shop, pre order, prediction, php object, array list, apriori, apriori algorithm**

## **FOREWORD**

Only by His Grace, the writer can finish this final project with title “Prediction of Online Shop Pre-Order Items with Apriori Algorithm”. His bless has guided from the beginning until the end, from making a program, review 1, review 2, until the final exam and making the final report. Also for the supervisor who help the writer to finish this final project, guide and help the writer patiently, give the idea and revise the mistake. Thanks God.

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