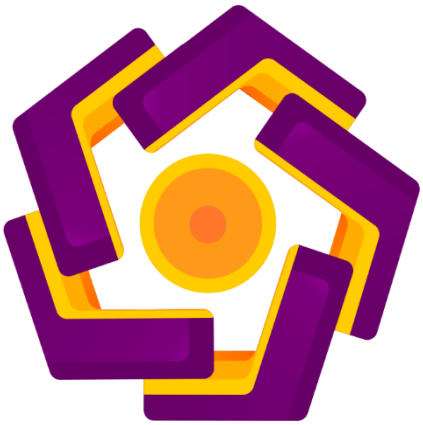
# CONTAINER RESERVATION AND PROCUREMENT APPLICATION ON PT. GLOBAL PERKASA MEKANINDO FOR ANDROID

**BACHELOR THESIS**



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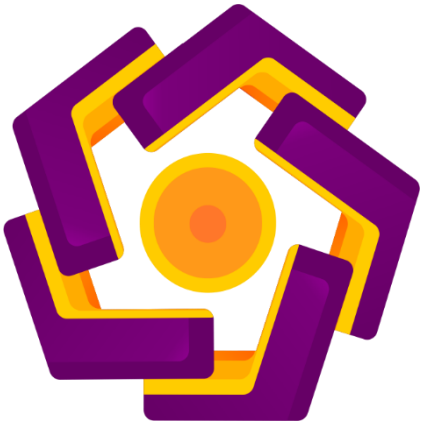
**UNDERGRADUATE PROGRAM**
**BACHELOR OF INFORMATION**
**FACULTY OF COMPUTER SCIENCE**
**UNIVERSITY OF AMIKOM YOGYAKARTA**
**YOGYAKARTA**
**2017**

# CONTAINER RESERVATION AND PROCUREMENT APPLICATION ON PT. GLOBAL PERKASA MEKANINDO FOR ANDROID

**BACHELOR THESIS**

Submitted to meet the requirements
achieving a Bachelor's degree
on Informatics Study Program

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**UNIVERSITAS AMIKOM YOGYAKARTA**
**YOGYAKARTA**
**2018**

## APPROVAL

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**CONTAINER RESERVATION AND PROCUREMENT APPLICATION ON PT. GLOBAL PERKASA MEKANINDO FOR ANDROID**

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On October, 30 2017

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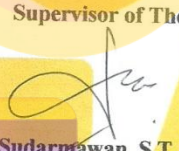

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which are prepared and prepared by

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## STATEMENT

I, the undersigned declared that this Bachelor Thesis is my own work (ORIGINAL) and the content of this thesis does not contain any work ever submitted by others to obtain an academic degree at any higher education institution, and as far as I know, there are no works or opinions ever written and/or published by others, except those reffered in this text and mentioned in bibliography. Everything associated with the script and the work has been made to be my personal responsibility

Yogyakarta, 16 November 2017

Devandira Kusuma Putri

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iv

## MOTTO

- You miss 100% of the shots you don't take. (*Wayne Gretzky*)
- Everything negative - pressure, challenges - is all an opportunity for me to rise. (*Kobe Bryant*)
- My Mama always said, “Life was like a box of chocolates; you never know what you gonna get” (*Forest Gump*)
- Get busy living, or get busy dying (*The Shawshank Redemption*)
- Try not. Do-or do not. There is no try (*Star Wars Episode V: The Empire Strikes Back*)

## DEDICATION

Alhamdulillahirabbil'alamin praise for the presence of Allah SWT thanks to His grace and grace, given the strength, science and ease, so that the writer can complete the thesis as one of the requirements to achieve a Bachelor degree Computer. This thesis I dedicate to:

1. My mother who has given spirit for the sake of completing this thesis
2. My dad who always keeps me from heaven
3. Mr. Sudarmawan S.T, M.T as a supervisor always provide constructive input in the preparation of my Thesis.
4. For my friend in BCIT class, my friend in my DOTA 2 team Outstanding Queen, my best friend Salsabilla that always support me for keep doing this thesis
5. For Putu Adi Mahardika that always reminds me if I go bail for doing this thesis.

## PREFACE

All praise and gratitude I pray to the presence of Allah Almighty God who always delivers His grace, grace and guidance so great that the author can finish this thesis. Not just to fulfill the final task of study in obtaining an academic degree but in order to learn and explore the existing science.

This thesis is prepared as a condition to complete the study at Amikom University Yogyakarta with a thesis entitled "CONTAINER RESERVATION AND PROCUREMENT APPLICATION ON PT. GLOBAL PERKASA MEKANINDO FOR ANDROID ". These tools and apps are created to provide information and purchases to users who will order containers for easier transactions

This thesis can be completed well of course with the support, assistance and guidance and motivation from various parties so on this occasion the authors would like to thank:

1. Prof. Dr. M. Suyanto, M.M as the Rector of Amikom University, Yogyakarta
2. Krisnawati, S.Si, M.T as Dean of the Faculty of Computer Science University of Amikom Yogyakarta.
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4. Mom is always giving spirit to the author.
5. Mr. and Mrs. Lecturer University of Amikom Yogyakarta, who has given his knowledge.
6. All parties who have supported for the smooth preparation of thesis

The author fully aware that in preparing this thesis is still many shortcomings. Therefore, the authors hope to all parties in order to convey suggestions, inputs and corrections that are building in a better direction. Peulis

also apologize if in the thesis that made, there are still mistakes that are not appropriate.

Hopefully this thesis can be useful for writers, readers and application users of the results of research that has been done.

Yogyakarta,16 November 2017

Author

Devandira Kusuma Putri

## TABLE OF CONTENT

TITLE ..... i
APPROVAL ..... ii
LEGALIZATION ..... iii
STATEMENT ..... iv
MOTTO ..... v
DEDICATION ..... vi
PREFACE ..... vii
TABLE OF CONTENT ..... ix
LIST OF TABLE ..... xii
LIST OF PICTURE ..... xiii
ABSTRACT ..... xvi
Chapter I ..... 1
1.1 Background Knowledge ..... 1
1.2 Problem Statement ..... 2
1.3 Problem Boundaries ..... 3
1.4 Purpose and Objective of Research ..... 3
1.5 Research Method ..... 3
1.5.1 Data Collection Method ..... 3
1.5.2 Development Method ..... 4
1.5.3 Interview Method ..... 4
1.5.4 Analysis Method ..... 4
1.5.5 Design Method ..... 4
1.5.6 Testing ..... 5
1.6 Writing Systematics ..... 5
CHAPTER II THEORETICAL BASIS ..... 7
2.1 Review of Literature ..... 7
2.2 Basic Theory of Applications ..... 8
2.2.1 SDLC Agile Development ..... 8
2.2.2 Android ..... 11
2.2.3 Android Life Cycle ..... 19

2.2.4 Server-less ..... 22
2.2.5 Google Firebase ..... 25
2.2.6 Real-time Database ..... 26
2.2.7 Push Notification ..... 26
2.3 Basic Theory of Analysis of PIECES ..... 28
2.4 UML ..... 32
2.4.1 Introduction ..... 32
2.3.2 Use Case Diagram ..... 33
2.3.3 Sequence Diagram ..... 35
2.3.4 Class Diagram ..... 36
2.3.5 Activity Diagram ..... 38
2.4 Economic Feasibility ..... 39
2.4.1 Payback Period ..... 39
2.4.2 Return of Investment ..... 40
2.4.3 Net Present Value (NPV) ..... 40
CHAPTER III GENERAL OVERVIEW ..... 42
3.1 Business History ..... 42
3.2 Business Address ..... 42
3.3 Vision and Mission Enterprises ..... 43
3.3.1 Vision ..... 43
3.3.2 Mission ..... 43
3.4 Business Organization Structure ..... 44
3.5 Job Description, Responsibility and Authority ..... 44
3.6 Current System ..... 47
3.6.1 Sales ..... 47
3.6.2 Payments ..... 47
3.6.3 Warranty ..... 48
3.6.4 Supplier ..... 48
3.7 System Analysis ..... 49
3.7.1 Old System Workflow ..... 49
3.7.2 System Weakness Analysis ..... 50

3.7.3 Non Functional Needs Analysis .....57
3.7.4 Feasibility Analysis .....58
3.8 New System Design Workshop .....63
3.8.1 Application Design Phase .....63
CHAPTER IV IMPLEMENTATION AND DISCUSSION.....77
4.1 Implementasi dan Pembahasan Case Pemesanan .....77
4.2 Implementasi Konfirmasi Pembayaran.....85
4.3 Implementasi Pengiriman Invoice .....87
4.4 Implementasi Penyelesaian Pemesanan.....90
CHAPTER V CONCLUSIONS AND RECOMMENDATIONS.....93
5.1 Conclusions.....93
5.2 Recommendations.....93
BIBLIOGRAPHY .....95

## LIST OF TABLE

Table 2.1 Use Case Diagram Symbol ..... 34

Table 2.2 Sequence Diagram Symbol ..... 35

Table 2.3 Class Diagram Symbol ..... 36

Table 2.4 Acivity Diagram Symbol ..... 38

Table 3.1 Performance Analysis ..... 50

Table 3.2 Information Analysis ..... 52

Table 3.3 Economic Analysis ..... 53

Table 3.4 Control Analysis ..... 53

Table 3.5 Efficiency Analysis ..... 54

Table 3.6 Service Analysis ..... 55

Table 3.7 Software Requirements ..... 59

Table 3.8 Economic Feasibility Analysis ..... 60

Table 3.9 Payback Period ..... 61

Table 3.10 Return of Investment ..... 62

Table 3.11 Net Present Value ..... 62

## LIST OF PICTURE


Picture 2.1 Agile Development Cycle ..... 9

Picture 2.2 Android Architecture ..... 16

Picture 2.3 Android Life Cycle ..... 20

Picture 2.4 Serverless Architecture ..... 23

Picture 2.5 Google Firebase ..... 25

Picture 3.1 Business Address Plan ..... 43

Picture 3.2 Organizational Structure Chart ..... 44

Picture 3.3 Old Workflow System ..... 49

Picture 3.4 Use Case Container Application ..... 64

Picture 3.5 Activity Diagram Login ..... 65

Picture 3.6 Activity Diagram Order ..... 66

Picture 3.7 Activity Diagram Order Completion ..... 67

Picture 3.8 Activity Diagram Invoice ..... 68

Picture 3.9 Activity Diagram Call ..... 69

Picture 3.10 Class Diagram ..... 70

Picture 3.11 Sequence Diagram Order ..... 71

Picture 3.12 Sequence Diagram Login and Sign Up ..... 72

Picture 3.13 Sequence Diagram Completion Order ..... 72

Picture 3.14 Sequence Diagram Make Call with Customer ..... 73

Picture 3.15 Sequence Diagram Invoice ..... 73

Picture 3.16 Screen 1, 2, 3, 4 ..... 74

Picture 3.17 Screen 5 and 6 ..... 75

Picture 3.18 Screen 7 ..... 75
Picture 3.19 Screen 8 and Screen 9 ..... 76
Picture 4.1 Login Screen ..... 77
Picture 4.2 Code to Verify ..... 78
Picture 4.3 Registered users ..... 79
Picture 4.4 Register Interface ..... 79
Picture 4.5 Login Verification Code ..... 80
Picture 4.6 New Users Sign Up ..... 80
Picture 4.7 Intro Interface ..... 81
Picture 4.8 Menu Order ..... 81
Picture 4.9 Order On Cart Temporary Data ..... 82
Picture 4.10 Reservations That Will Go to Cart ..... 82
Picture 4.11 User Ordering Validation ..... 83
Picture 4.12 Order Accepted by Admin ..... 84
Picture 4.13 Code Cart ..... 84
Picture 4.14 User Order History ..... 85
Picture 4.15 Order List on Admin ..... 86
Picture 4.16 Order Details ..... 86
Picture 4.17 Code for Phone ..... 87
Picture 4.18 Orderlist Menu ..... 88
Picture 4.19 Order Details ..... 88
Picture 4.20 Shipping Platform ..... 89

Picture 4.21 Email Invoice ..... 89

Picture 4.22 Invoice PDF ..... 90

Picture 4.23 Code createInvoice ..... 90

Picture 4.24 Order list menu ..... 91

Picture 4.25 Code for Completed Transaction ..... 92

Picture 4.26 Completed Transaction ..... 92

## ABSTRACT

Android is the operating system for mobile phones that have been widely used by most people in Indonesia. Android also provides an open platform for developers to create an application for use by a variety of mobile devices. Android is a computer code that can be distributed openly (open source) so that developers can create new applications in it.

There is an Android Market that provides thousands of free and paid apps, and has integrated Google native apps, such as Gmail push email, Google Maps and Google Calendar.

The "Maju Mapan Teknik Kontainer" mobile application builds on object-based modeling with UML tools This application integrates the "Maju Mapan Teknik Kontainer" facility, with database owned on the server. The development of this application is limited to the client so it does not process the data contained on the server .

This application will facilitate the ordering and purchasing of users who want to make their business place using containers. This app can be used for Android 5 users.



**Keywords:** Android, Media Information, Container, business place, order, purchase