

**ANALYSIS OF OVO PAYLATER'S BENEFITS AND  
SACRIFICES TOWARD ADOPTION INTENTION  
THROUGH THE MEDIATION OF PERCEIVED  
VALUE**



**BY:  
RACHEL LIVIA HARTANTO  
3303016012**

**INTERNATIONAL BUSINESS MANAGEMENT STUDY PROGRAM  
FACULTY OF BUSINESS  
WIDYA MANDALA CATHOLIC UNIVERSITY SURABAYA  
SURABAYA  
2020**

**ANALYSIS OF OVO PAYLATER'S BENEFITS AND  
SACRIFICES TOWARD ADOPTION INTENTION  
THROUGH THE MEDIATION  
OF PERCEIVED VALUE**

**UNDERGRADUATE THESIS**

Addressed to

**FACULTY OF BUSINESS**

**WIDYA MANDALA CATHOLIC UNIVERSITY SURABAYA**

to Fulfill the Requirements

for the Management Bachelor Degree

International Business Management Study Program

**BY:**

**RACHEL LIVIA HARTANTO**

**3303016012**

**INTERNATIONAL BUSINESS MANAGEMENT STUDY PROGRAM**

**FACULTY OF BUSINESS**

**WIDYA MANDALA CATHOLIC UNIVERSITY SURABAYA**

**SURABAYA**

**2020**

**APPROVAL PAGE**

THESIS

**ANALYSIS OF OVO PAYLATER'S BENEFITS AND  
SACRIFICES TOWARD ADOPTION INTENTION  
THROUGH THE MEDIATION  
OF PERCEIVED VALUE**

BY:  
RACHEL LIVIA HARTANTO  
3303016012

Has been approved and accepted  
to be Submitted to the Examiner Team

Advisor I,



Dr. Wahyudi Wibowo, ST., MM.  
NIDN. 0715047402  
Date: 08/12/19

Advisor II,



Deatri Arumsari Agung, SE., M.Sc.  
NIDN. 0714128703  
Date: 19/12/19

**VALIDATION PAGE**


**Thesis is written by : Rachel Livia Hartanto NRP 3303016012**  
Has been examined on 18 January 2020 and declared to have passed by the Panel  
of Examiners


Head of Examiners:




Dr. Dra. Ec. Lydia Ari Widyarini, MM.  
NIDN. 0727036701

Confirmed By:



Dean of Business Faculty,  
  
Dr. Lasdi, MM., Ak., CA., CPA.  
NIDN. 0713097203

Head of Department,



Robertus Sigit H.L., SE., M.Sc.  
NIDN. 0703087902

**AUTHENTICITY STATEMENT OF SCIENTIFIC PAPER  
AND PUBLICATION APPROVAL OF SCIENTIFIC PAPER**

For the sake of knowledge development, I, as a student of Widya Mandala Catholic University Surabaya:

The undersigned below:

Name : Rachel Livia Hartanto  
NRP : 3303016012  
Title : Analysis of OVO PayLater's Benefits and Sacrifices Toward Adoption Intention Through the Mediation of Perceived Value

Acknowledge that this final research study report is authentically written by me. If it is proved that this paper is a plagiarism, I am ready to receive any sanctions from the Business Faculty of Widya Mandala Catholic University Surabaya. I also approve that this papers to be published in internet or other media (The digital library of Widya Mandala Catholic University Surabaya) for academic importance to the extend of copyright law.

Thereby the authenticity statement and the publication approval that I made sincerely.

Surabaya, 06 January 2020

Stated by,



Rachel Livia Hartanto

## FOREWORDS

All praises to Jesus Christ for His blessings, love, wisdom, and guidance so that the researcher was able to complete this final assignment titled “Analysis of OVO PayLater’s Benefits and Sacrifices Toward Adoption Intention Through the Mediation of Perceived Value”. This final assignment is written as one of the requirements to obtain the title of Bachelor of Management from Faculty of Business, Widya Mandala Catholic University Surabaya. During the writing process of final assignment, the researcher appreciates all the help, supports, guidance, advice and critics from various sources. Thus, the author would like to express gratitude to:

1. Dr. Lodovicus Lasdi, MM., Ak., CA., CPAI. as the Dean of Business Faculty at Widya Mandala Catholic University Surabaya.
2. Robertus Sigit Haribowo Lukito, SE., M.Sc. as the Head of Management Department at Widya Mandala Catholic University Surabaya.
3. Dr. Wahyudi Wibowo, ST., MM. as the Advisor I, who always guide and give a lot of knowledge, insight and support during his busy time as Coordinator of International Business Management Program, Faculty of Business, Widya Mandala Catholic University Surabaya.
4. Deatri Arumsari Agung, SE., M.Sc. as Advisor II, who have genuinely spent her time, effort to guide, give advices and constructive critics during this final assignment writing process.
5. Mom and dad who have supported the researcher morally and encouraged her endlessly through prayers, also the researcher’s little sister who have lifted her mood by doing silly things sometimes.
6. Brenda Lavenia, Josephine Vina, and Julieta Natania as the members of Tahwa Lovers who became the researcher’s constant support system.
7. Alex Sander Lo and Riski Stevanus, fellow final assignment’s fighters who also supported the researcher during the process.
8. Vini and Friends members who sometimes entertained the researcher, thus gave pseudo-happiness and able to lift the researcher’s mood.

9. All laboratory assistants who have helped and guide the researcher in the writing process.
10. All the administration staff and student staff of TU who helped during the process.
11. HMJM family and fellow friends from Magister Manajemen who have given help and moral support during the writing process.
12. Few of the researcher mutual on Twitter who have helped distribute the questionnaire and gave the researcher words of encouragement.
13. Special mention to Oda Eiichiro for making One Piece and Isayama Hajime for making Attack on Titan; Arashi and Kanjani8; also Running Man and Infinite Challenge that have constantly cheered the researcher up when the researcher needed to take a breather during the writing process.

Although this final assignment has been completed, the researcher is aware that this final assignment is not completely perfect. Thus, critics and constructive suggestions are accepted. In the end, the researcher hopes that this thesis will be beneficial for whom ever need it, for both academic use and practical use.

Surabaya, January 2020

Researcher,

Rachel Livia Hartanto

## TABLE OF CONTENTS

	PAGE
COVER PAGE.....	i
APPROVAL PAGE .....	ii
VALIDATION PAGE .....	iii
AUTHENTICITY STATEMENT AND PUBLICATION APPROVAL OF SCIENTIFIC PAPERS .....	iv
FOREWORDS .....	v
TABLE OF CONTENTS .....	vii
LIST OF TABLES .....	ix
LIST OF FIGURES.....	x
LIST OF APPENDIXES .....	xi
ABSTRACT.....	xii
ABSTRAK.....	xiii
CHAPTER 1: INTRODUCTION .....	1
1.1 Research Background .....	1
1.2 Research Questions.....	6
1.3 Research Objectives.....	7
1.4 Significance of the Study .....	8
1.5 Writing Systematic.....	8
CHAPTER 2: THEORETICAL REVIEW .....	10
2.1 Literature Review.....	10
2.2 Previous Research.....	16
2.3 Relationships between Variables .....	18
2.4 Research Framework .....	22
CHAPTER 3: RESEARCH METHODOLOGY .....	23
3.1 Research Design.....	23
3.2 Variable Identification, Operational Definition, and Variable Measurement .....	23
3.3 Type and Source of Data.....	26
3.4 Tools and Data Collection Methods .....	26
3.5 Population, Sample, and Sampling Techniques.....	27
3.6 Data Analysis Technique .....	28
CHAPTER 4: DISCUSSION AND ANALYSIS .....	32
4.1 Research Object General Description.....	32
4.2 Data Description .....	33
4.3 Data Analysis Result.....	37
4.4 Discussion.....	49



CHAPTER 5: CONCLUSION, LIMITATION, AND SUGGESTION .....	53
5.1 Conclusion .....	53
5.2 Limitation.....	54
5.3 Suggestion.....	54

REFERENCES

APPENDIX

## LIST OF TABLES

	PAGE
Table 1.1 List of Bank Indonesia’s Licensed E-Money Operators .....	3
Table 1.2 List of Registered Financial Technology Companies by OJK.....	5
Table 2.1 Comparison of Previous Research and Current Research.....	16
Table 3.1 Rules of Thumb in Outer Model Measurement .....	28
Table 3.2 Rules of Thumb in Inner Model Measurement .....	29
Table 4.1 Characteristics of Respondents Based on Age.....	31
Table 4.2 Summary of Respondents’ Responses .....	32
Table 4.3 Average Interval Score of Research Variables .....	33
Table 4.4 Descriptive Statistics of Usefulness Variable .....	33
Table 4.5 Descriptive Statistics of Enjoyment Variable .....	34
Table 4.6 Descriptive Statistics of Technicality Variable.....	34
Table 4.7 Descriptive Statistics of Perceived Fee Variable .....	35
Table 4.8 Descriptive Statistics of Perceived Value Variable .....	35
Table 4.9 Descriptive Statistics of Adoption Intention Variable .....	36
Table 4.10 Outer Loading .....	38
Table 4.11 Average Variance Extracted (AVE).....	39
Table 4.12 Discriminant Validity – Cross Loading .....	39
Table 4.13 Square Root AVE.....	40
Table 4.14 Composite Reliability .....	41
Table 4.15 R-Square Value .....	42
Table 4.16 F-Square Effect Size Test Result .....	43
Table 4.17 Predictive Relevance.....	43
Table 4.18 Path Coefficient.....	44
Table 4.19 Indirect Effect .....	45
Table 4.20 Hypothesis Testing.....	45

## LIST OF FIGURES

	PAGE
Figure 2.1 Research Framework .....	21
Figure 4.1 SmartPLS 3.0 Path Modeling .....	37

## **LIST OF APPENDIXES**

- Appendix 1 List of Bank Indonesia's Licensed E-Money Operators
- Appendix 2 List of Registered Financial Technology Companies by OJK
- Appendix 3 Questionnaire
- Appendix 4 Respondents' Characteristics
- Appendix 5 Questionnaire Result
- Appendix 6 Descriptive Statistics
- Appendix 7 Convergent Validity – Outer Loading
- Appendix 8 Convergent Validity – Average Variance Extracted (AVE)
- Appendix 9 Discriminant Validity – Cross Loading
- Appendix 10 Discriminant Validity – Root Square AVE
- Appendix 11 Composite Reliability
- Appendix 12 R-Square Value
- Appendix 13 F-Square Effect Size Test Result
- Appendix 14 Predictive Relevance
- Appendix 15 Path Coefficient
- Appendix 16 Indirect Effect
- Appendix 17 Hypothesis Testing

## ABSTRACT

Digital technology had become an important part of nearly everyone's life. Most people prefer something that is fast, easy, and convenience to ease their daily activities. The presence of internet, also the easiness to get mobile gadget are used by business players as they try to adapt with the current situation in order to fulfill people's needs of efficiency and effectiveness, including in conducting payment. The normal e-money's providers nowadays also provide lending service similar to credit card's. Based on Value-based Adoption Model, this research aimed to analyze the influence Benefits and Sacrifices Towards the Adoption Intention of OVO PayLater, through the mediation of Perceived Value. This research is a causal study and uses a purposive sampling technique.

The total number of respondents is 152 respondents who live in Surabaya, at least 17 years old, know OVO PayLater, had limited experiences in using OVO PayLater (1-4 times) or haven't used it before. In order to participate in this research, respondents must fill out the questionnaire given by the researcher through Microsoft form. The data that were collected then processed and analyzed by using Structural Equation Modeling technique with PLS as its tool.

This research proved that Usefulness, Enjoyment, Technicality, and Perceived Fee has a significant effect on Perceived Value, and Perceived Value has a significant positive effect on Adoption Intention. Perceived Value also mediates all Benefits and Sacrifices elements to Adoption Intention. The suggestions for OVO PayLater are to promote the service more and provide instructions on how to process payment through the application, fix the unavailable issue, and improve their service in order to build the customers' perceived value which then could lead to a higher adoption intention.

***Keywords: Value-based Adoption Model, Usefulness, Enjoyment, Technicality, Perceived Fee, Perceived Value, Adoption Intention***

## ABSTRAK

Teknologi digital telah menjadi bagian penting dari kehidupan hampir semua orang. Kebanyakan orang lebih suka sesuatu yang cepat, mudah, dan nyaman untuk memudahkan kegiatan sehari-hari mereka. Kehadiran internet, juga kemudahan untuk mendapatkan gadget seluler digunakan oleh para pelaku bisnis ketika mereka mencoba beradaptasi dengan situasi saat ini untuk memenuhi kebutuhan efisiensi dan efektifitas masyarakat, termasuk dalam melakukan pembayaran. Penyedia uang elektronik normal saat ini juga menyediakan layanan pinjaman yang mirip dengan kartu kredit. Berdasarkan *Value-based Adoption Model*, penelitian ini bertujuan untuk menganalisis pengaruh *Benefits* dan *Sacrifices* Terhadap *Adoption Intention* OVO PayLater, melalui mediasi *Perceived Value*. Penelitian ini merupakan penelitian kausal dan menggunakan teknik purposive sampling.

Jumlah total responden adalah 152 responden yang tinggal di Surabaya, setidaknya berusia 17 tahun, mengetahui OVO PayLater, memiliki pengalaman terbatas dalam menggunakan OVO PayLater (1-4 kali) atau belum pernah menggunakannya sebelumnya. Untuk berpartisipasi dalam penelitian ini, responden harus mengisi kuesioner yang diberikan oleh peneliti melalui Microsoft form. Data yang dikumpulkan kemudian diolah dan dianalisis dengan menggunakan teknik Structural Equation Modeling dengan alat PLS.

Penelitian ini membuktikan bahwa *Usefulness*, *Enjoyment*, *Technicality*, dan *Perceived Fee* memiliki pengaruh signifikan terhadap *Perceived Value*, dan *Perceived Value* memiliki pengaruh positif signifikan terhadap *Adoption Intention*. Di samping itu, *Perceived Value* memediasi semua elemen *Benefits* dan *Sacrifices* untuk *Adoption Intention*. Saran untuk OVO PayLater adalah untuk mempromosikan layanan lebih banyak dan memberikan instruksi tentang cara memproses pembayaran dalam aplikasi, memperbaiki masalah tentang layanan yang belum tersedia di aplikasi pelanggan, dan meningkatkan layanan mereka untuk membangun *Perceived Value* pelanggan yang kemudian dapat mengarah pada *Adoption Intention* yang lebih tinggi.

**Kata Kunci:** *Value-based Adoption Model, Usefulness, Enjoyment, Technicality, Perceived Fee, Perceived Value, Adoption Intention*