## THE INFLUENCE OF PERCEIVED VALUE TO INAPP PURCHASE INTENTION THROUGH MOBILE GAME LOYALTY OF MOBILE LEGENDS PLAYER



BY: IVAN 3303015045

# INTERNATIONAL BUSINEES MANAGEMENT STUDY PROGRAM FACULTY OF BUSINESS WIDYA MANDALA CATHOLIC UNIVERSITY SURABAYA

2018

#### THE INFLUENCE OF PERCEIVED VALUE TO IN-APP PURCHASE INTENTION THROUGH MOBILE GAME LOYALTY OF MOBILE LEGENDS PLAYER

UNDERGRADUATE THESIS

Addressed to

FACULTY OF BUSINESS

WIDYA MANDALA CATHOLIC UNIVERSITY SURABAYA

To Fulfill the Requirements

For The Degree of Bachelor Management

International Business Management Program

BY: IVAN 3303015045

INTERNATIONAL BUSINESS MANAGEMENT STUDY PROGRAM
FACULTY OF BUSINESS
WIDYA MANDALA CATHOLIC UNIVERSITY
SURABAYA
2018

#### APPROVAL PAGE

## THESIS THE INFLUENCE OF PERCEIVED VALUE TO INAPP PURCHASE INTENTION THROUGH MOBILE GAME LOYALTY OF MOBILE LEGENDS PLAYER

BY: IVAN 3303015045

Approved and Accepted

To be submitted to The Examiner Team

Advisor I

Dr. Tuty Lindawati, S.E., M.M.

Date: 21 December 2018

Advisor II

Robertus Sigit Haribowo Lukito, S.E., M.Sc.

Date: 20 December 2018.

#### VALIDATION PAGE

Thesis written by: Ivan NRP. 3303015045
Has been examined on January 25th, 2019 and declared to have PASSED by the Examiner Team

Panel Team Leader:

Lena Ellitan, Ph.D NIK 311.95.0277

Acknowledge by:

Dean of Business Faculty,

Dr. Lodovicus Lasdi, M.M., Ak., CA., CPAI.

NIK: 321.96.0370

Head of Management,

Robertus Sigit H., SE., M.Sc.

NIK. 311.11.0678

#### AUTHENTICITY STATEMENT OF SCIENCETIFIC PAPER AND PUBLICATION APPROVAL OF SCIENCETIFIC PAPER

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

#### l, undersigned below:

Name : Ivan

NRP : 3303015045

Title : The Influence of Perceived Value to In-App Purchase Intention

through Mobile Game Loyalty of Mobile Legends Player

Acknowledge that this thesis 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 approved that this paper to be published in the internet or other media (The digital library of Widya Mandala Catholic University Surabaya) for academic importance to the extent of copyright law.

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

Surabaya, Decimber 21" 2018

Stated by,

209F6AFF46881775

(Ivan)

#### **FOREWORDS**

A massive gratitude to the Lord for His blessings through all the process of making this thesis titled "The Influence of Perceived Value to In-App Purchase Intention through Mobile Game Loyalty of Mobile Legends Player". This thesis is required to achieve the Bachelor of Management in Widya Mandala Catholic University Surabaya. Aside help by Lord and also His blessings, there are lots people that always guide, help and support. Therefore, the author would like to express gratitude to:

- Dr. Lodovicus Lasdi, M.M., Ak., CA., CPAI., as Dean of the Faculty of Business Widya Mandala Catholic University Surabaya.
- 2. Robertus Sigit Haribowo L.,S.E., M.Sc. as the Head of the Department of the Management, Faculty of Business Widya Mandala Catholic University Surabaya. As well as the author second Advisor who patiently and sincerely took the time, effort, and mind to guide the author during on this research.
- 3. Dr. Wahyudi Wibowo, S.T., M.M., as the Head of International Business Management Program Widya Mandala Catholic University.
- 4. Dr. Tuty Lindawati, S.E., M.M. as the author first Advisor, who patiently, and sincerely took the time, effort, and mind to guide the author in during the completion of this research.
- 5. My parents, siblings and family members who always give me support, showing love and pray for this final assignment.
- 6. Ayu, Eunike, Hans, Hendra, Kenny, Lyta, Niko and Pamela, thank you for the endless support and prayers on this research and also showing love to me throughout these past year.
- 7. All of students of IBM batch 4 especially Agnes, Clara, Eric Evan, Lungardi and Ricardo who always sharing their thought to help and support.
- 8. All of students who have same Advisor whether first or second that always sharing any information about final assignment.
- 9. All parties who haven't mention by author that helped on this process directly or indirectly.

Though of the completion of this research, the author realize that this research is not completely perfect. Therefore, critics or suggestion or any advices are gladly accepted. At last, the author hopes that this research will add more insight and knowledge to readers.

Surabaya, December 2018

Author

#### TABLE OF CONTENTS

| F   | Page |
|---|------|
| COVER   | i    |
| COVER PAGE  |      |
| APPROVAL PAGE   |      |
| VALIDATION PAGE   |      |
| AUTHENTICITY STATEMENT OF SCIENCETIFIC PAPER AND            |      |
| PUBLICATION APPROVAL OF SCIENCETIFIC PAPER                  | v    |
| FOREWORDS   |      |
| TABLE OF CONTENTS   |      |
| LIST OF TABLE   |      |
| LIST OF FIGURE  |      |
| LIST OF GRAPHIC   |      |
| LIST OF APPENDIX  |      |
| ABSTRACT  |      |
| ABSTRAK   |      |
| ADSTRAK   | ΛV   |
| CHAPTER 1. BACKGROUND                                       |      |
|   | 1    |
| 1.1 Background  |      |
| 1.2 Research Questions                                      |      |
| 1.3 Objectives of The Study                                 |      |
| 1.4 Significance Advantages of The Study                    |      |
| 1.5 Outline of The Thesis                                   | 8    |
| CHAPTER 2. LITERATURE REVIEW                                |      |
|   | 0    |
| 2.1.Basic Theory  |      |
| 2.2.Previous Research                                       |      |
| 2.3.Relationship among Variables                            |      |
| 2.4.Research Framework                                      | 21   |
|   |      |
|   |      |
| CHAPTER 3. RESEARCH METHODOLOGY                             |      |
| 3.1.Research Design   |      |
| 3.2.Identification of Variables, Operational Definition and |      |
| Variable Measurement  |      |
| 3.3.Type and Source of Data                                 |      |
| 3.4.Data Collection Tools and Method                        | 25   |
| 3.5. Population, Sample, and Sample Technique               | 25   |
| 3.6.Data Analysis Technique                                 | 26   |
|   |      |
| CHAPTER 4. ANALYSIS AND DISCUSSION                          |      |
| 4.1.Respondent Characteristic                               | 30   |
| 4.2.Descriptive of Research Variables                       | 31   |
| 4.3.Data Result Analysis                                    | 35   |

|                       | 4.4.Discussion                  | 42 |
|-----------------------|---------------------------------|----|
| CHAPTER 5.            | CONCLUSION AND SUGGESTION       |    |
|                       | 5.1.Conclusion                  | 46 |
|                       | 5.2.Limitations of The Research | 47 |
|                       | 5.3.Suggestions                 |    |
| REFRENCES<br>APPENDIX |                                 | 49 |

#### LIST OF TABLE

| Pag   | ge |
|---|----|
| Table 2.1. The Differences between Previous Research and Research to be |    |
| Conducted 1   | 8  |
| Table 4.1. Respondent Characteristic                                    | 0  |
| Table 4.2. Interval Mean Score  | 1  |
| Table 4.3. Descriptive of Variable Playfulness                          | 2  |
| Table 4.4. Descriptive of Variable Good Price                           | 3  |
| Table 4.5. Descriptive of Variable Reward                               | 3  |
| Table 4.6. Descriptive of Variable Mobile Game Loyalty                  | 4  |
| Table 4.7. Descriptive of Variable In-App Purchase Intention            | 5  |
| Table 4.8. Output of Univariate Normality                               | 6  |
| Table 4.9. Output of Multivariate Normality                             | 7  |
| Table 4.10. Result of Validity Test                                     |    |
| Table 4.11. Result of Reliability Test                                  |    |
| Table 4.12. Result of Overall Model Fit Test                            |    |
| Table 4.13. Result of Hypothesis Testing                                | 1  |

#### LIST OF FIGURE

|   | Page |
|---|------|
| Figure 1.1. Google Playstore Top Free Games on September 2018     | . 5  |
| Figure 1.2. Google Playstore Top Grossing Games on September 2018 | . 6  |
| Figure 2.1. Model of Consumer Decision Making                     | . 9  |
| Figure 2.2. Research Framework                                    | . 21 |

#### LIST OF GRAPHIC

Graphic 1.1 Smartphone Users in Indonesia 2016-2019 (Forecast) ......2

#### LIST OF APPENDIX

Appendix 1. Questionnaire

Appendix 2. Respondent's Characteristic Appendix 3. Respondent's Data

Appendix 4. Output LISREL

Appendix 5. Output LISREL

Appendix 6. Estimates

Appendix 7. Standardized Solution

Appendix 8. T-Values

### THE INFLUENCE OF PERCEIVED VALUE TO IN-APP PURCHASE INTENTION THROUGH MOBILE GAME LOYALTY OF MOBILE LEGENDS PLAYER

#### **ABSTRACT**

The purpose of this research is to analyze the influence of perceived value that consists of playfulness, good price and reward to in-app purchase intention through mobile game loyalty. The object on this research is Mobile Legends that developed by Moonton, China. The sample on this research are 179 respondents who are lives in Indonesia, at least 17 years old, know or ever played and ever bought using any payment on Mobile Legends.

The result on this research that analyzed by Structural Equation Modeling (SEM) LISREL showed that perceived value, except good price has significant influence to mobile game loyalty and mobile game loyalty significantly influence to in-app purchase intention. Therefore, it's suggested to Mobile Legends to maintain the playfulness of playing games and proposed reward that players wanted to create mobile game loyalty, which also will increase the in-app purchase intention.

**Keywords:** Playfulness, Good Price, Reward, Mobile Game Loyalty, In-App Purchase Intention

#### **ABSTRAK**

Tujuan pada penelitian ini adalah untuk menganalisa pengaruh dari perceived value yang terdiri dari playfulness, good price dan reward terhadap inapp purchase intention melalui mobile game loyalty. Objek pada penelitian ini adalah Mobile Legends yang berasal dari Moonton, Cina. Sampel yang digunakan pada penelitian ini berjumlah 179 responden yang tinggal di Indonesia, berusia minimal 17 tahun, mengetahui atau pernah bermain dan pernah melakukan pembelian dalam metode pembayaran apapun di Mobile Legends.

Hasil pada penelitian ini yang di analisa menggunakan *Structural Equation Modeling* (SEM) LISREL menunjukkan bahwa *perceived value*, kecuali *good price* memiliki pengaruh yang signifikan terhadap *mobile game loyalty* dan *mobile game loyalty* memiliki pengaruh yang signifikan terhadap *in-app purchase intention*. Oleh karena itu, disarankan kepada *Mobile Legends* untuk mempertahankan kesenangan bermain yang dirasakan oleh pemain dan memberikan *reward* sesuai pemain inginkan untuk menimbulkan loyalitas, yang juga akan meningkatkan niat membeli pada aplikasi tersebut.

**Keywords:** Playfulness, Good Price, Reward, Mobile Game Loyalty, In-App Purchase Intention