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# The Model of Digital Marketing and Electronic Word of Mouth Communication

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**Abstract:** The purpose of this study is to test whether digital marketing and electronic wordof-mouth influence purchase decisions. The type of research used in this study is quantitative research. The subjects of this study were students of the Faculty of Economics and Business, Winaya Mukti University, Bandung. The data collection method used a questionnaire survey with a sample of 100 respondents using the Tokopedia marketplace for FEB UNWIM Bandung students. Data analysis used in this study was multiple linear regression analysis with the SPSS 26.0 program. The results of this study indicate that digital marketing and e-WOM variables have a positive and significant impact on the purchasing decisions of Tokopedia market users among FEB UNWIM Bandung students.

Keywords: Digital Marketing, Electronic Word of Mouth, Purchase Decision

## INTRODUCTION

Current technological advancements are leading to changes in the way people access different types of information. Easy Internet access allows people to search for information and find what they need. Changing business strategies from traditional marketing to digital marketing and changing the buying and selling of business products from physical stores to online media can take advantage of technological developments in the business world, Prasetya, Y. S. (2018). Rapid developments in technology and social media will undoubtedly influence changes in the way the public obtains information. Therefore, communication is very important to convey the impression information, advantages or suggestions of the enterprise. This is to make a good contribution to the company and create a close relationship between the consumer and the company, Islahwati, N. & Wibowo, S. (2020). ). Online shopping is the purchase of products or services over the Internet. Online store customers simply access the marketplace app to get the items they want to buy. No need to go directly to the store. Prices in online stores are usually cheaper than in offline branches. This can shorten distribution costs from manufacturer to consumer. 5Consumers can find the products they need by simply browsing

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the website, saving time in making purchasing decisions. Likewise, when purchasing goods in an online store, we can simply pay through a virtual account and then use the delivery services provided to have the goods we want delivered to our doorstep. With the development of Indonesia's digital economy, people's general attitudes are changing and they want to get the products they need more and more quickly, conveniently and easily, Rahmadhani, R., & Prihatini, A. E. (2019) People's current decisions, Shopping in stores not only relies on promotions, people also do it because they hear recommendations or advice directly from others, including family, friends, and the community. The information received is usually collected first and then the person making the purchase reviews the information received and ultimately decides on the purchase.

Budi Susilo (2018) explains that the use of social media in digital marketing is crucial for many businessmen and marketers who use many existing social media networks to market their products or services to strengthen their brand image, Ivana, V. & Sari, A., & Thio, S. (2014). The process by which consumers communicate through the Internet is called electronic word-of-mouth (e-WOM). Gruen (2006) states that electronic word-of-mouth is a form of communication that allows the exchange of information about the products or services used between consumers who do not know each other and have met before. Rahmadi, H., & Malik, D. (2016).

E-commerce is the transformation of physical marketing strategies to digital marketing concepts. The development of e-commerce business has led to a shift in consumer behavior towards the use of online media for shopping activities. Consumers can connect directly through the Internet and complete product or service purchase transactions without meeting in person. As long as they are connected to the Internet, consumers can get the goods or services they want without having to go to a store or store (Utama, 2023).

Tokopedia and Shopee continue to lead the Indonesian e-commerce market. As measured by average monthly visits, competition between the two is becoming increasingly fierce. iprice data shows that in the first quarter of 2022, the average monthly visits to the Tokopedia website reached 157.2 million times. This number was up 5.1% from 149.6 million visits in the fourth quarter of 2021. Shopee ranked second, with average monthly visits of 132.77 million in the first quarter of 2022, up 0.6% from 131.9 million in the previous quarter. In the first three months of this year, Lazada defeated Bukalapak and moved into third place. The average monthly visits to the two e-commerce platforms reached 24.68 million and 23.1 million respectively. Orami dropped to fifth, Blibli to sixth, Ralali to seventh and Zalora to eighth. JD.ID fell to ninth and Bhineka to tenth. The details of monthly visitors are shown in the table above. Sari, N., Saputra, M., & Husein, J. (2019). Tokopedia is a marketplace that makes it easy, free, secure, and convenient for anyone to create and run their own online store (Rahmadi & Malik, 2018). In 2021, Tokopedia holds the top spot in Indonesia's online retail space. Tokopedia's current success is undoubtedly inseparable from the marketing strategy it implements. Tokopedia's various marketing strategies are designed to get people interested in visiting the Tokopedia Marketplace website.

The Tokopedia website is open to all users. The site allows users to search, buy items, and even sell their own products. Users can start their business on the Tokopedia website, which also sells various items at affordable prices. To help customers and business owners, Tokopedia also uses search engine marketing to promote its products so that they can be found in search engine results. Email marketing is also used to get users to read product reviews to encourage consumers to buy. Tokopedia also adopts a marketing approach through the use of various social media platforms including Instagram, Twitter, YouTube and Facebook. In order for Tokopedia and other marketplaces to develop guidelines for digital marketing strategies, a deeper analysis is needed to determine which of the various digital marketing implementations undertaken by Tokopedia are most effective in driving consumer purchasing decisions.

#### **METHODS**

The type of research used in this study is correlational research. This research uses quantitative data and involves a process of positivism or activity that leads to clear and unambiguous conclusions. The population in this study is the student data from 2018 to 2021 at the Faculty of Economics and Business, Winaya Mukti University (FEB UNWIM), which is a user of Tokopedia.

## RESULTS AND DISCUSSION

# The Effect of Digital Marketing on Purchasing Decisions on Tokopedia

on results of the first hypothesis test, it showsthat *Digital Maketing has a* positive and significant effect on purchase decision, meaning that H1 is accepted.

# The Effect of Eletronic Word of Mouth on Purchasing Decisions on Tokopedia

Based results of the second hypothesis test, it shows *electronic word of mouth has a* positive and significant effect on purchase decision, meaning that H2 is accepted. Evidenced from the results of the T test, the significance of 0.000 is smaller than 0.05 and the t count is 5.231 is larger than the t table of 1.984. It can be concluded that H2 is accepted, meaning that the *electronic word of mouth has a* positive and significant effect on purchasing decisions at in.

# The Effect of *Digital Marketing* and *Electronic Word of Mouth* Simultaneously on Purchasing Decisions on Tokopedia

In the simultaneous significance test (F test) shows that the *Digital Maketing* variable and the *electronic word of mouth* simultaneously affect the purchase decision (Y) on a. This is known from the results of the hypothesis test using the F test, namely with an F count value of 57.382 more than F tabell, which is 3.09. While results of the deltelrmination coelisieIn test, the R avalue has cellbelsar value of 0.542 or in the calculation becomes 54.2%. The test results show that the *Digital Maketing* (X1) and *Electronic word of mouth* (X2) variables have influence the purchase decision (Y) of 54.2% while the remaining 45.8% of the purchase decision variable is influenced by other variables not examined in this research. This means that the more gelncar and melnarik *digital* Maketing and *Electronic word of mouth*, the higher the decision the product sold through Tokopedia.

#### **CONCLUSIONS**

Digital Maketing variable have a positive influence and significant impact on purchasing decisions. This is indicated the calculate value of 2.496 and a significance value of 0.015 more than 0.05. The average score of digital Maketing variable of 3.96 with respondents achievement rate of 79.2% so can be said that the digital Maketing variable in purchases decisions on FEB UNWIM students a pretty good category. This means that digital Maketing is a factor that affects confidence in making purchase decision. Electronic word of mouth variable has a significant positive effect on purchasing decisions. This is indicated the calculate value of 5.231 with significance value of 0.000 less than 0.05. The average score of the electronic word of mouth variable is 3.8 with respondents achievement rate of 76% a pretty good category. This can be said that the influence digital Maketing variables on decision buy FEB UNWIM Bandung students at Tokopedia Digital Maketing and Electronic word of mouth simultaneously have influence purchasing decisions (Y) at Tokopedia. This is known from the results of the hypothesis test using the F test, namely with an F count value of 57.382

254 | P a g e

bigger than from F tabell, which is 3.09.

## **REFERENCES**

- Abdurohim, A., Koni, A., Munawir, M., Hidayatullah, H., Wijayanto, G., Listiyana, L., ... & Yulianti, M. L. (2022). Customer Relationship Management Customer Development Strategy. Al Caesar, M Rizky, and I Made Sukresna. "Study of Student Behavior in Decision-Making Patterns for Using Tutoring Services (Study on Open Book Student Tutoring Services with a Case Study Approach)." *Diponegoro Journal of Management* 6, no. 4 (2017): 527-39.
- Amilia, Suri. "The Effect of Brand Image, Price, and Product Quality on Purchasing Decisions for Xiaomi Brand Mobile Phones in Langsa City." *Journal of Management and Finance* 6, no. 1 (2017): 660-69.
- Andrian, SE. "The Impact of Digital Marketing and Product Variety on Consumer Purchase Interest in Shopee Online Stores (Case Study on Management Study Program Students, Faculty of Economics, Bhayangkara University, Greater Jakarta Class of 2016)." *Ekspektra: Journal of Business and Management* 3, no. 1 (2019): 14-24.
- Anggeun Famelia. "The Effect of Digital Marketing and Discounts on Purchasing Decisions of Management Study Program Students, Faculty of Economics, University of Medan Area on the Shopee Shopping Platform." University of Medan, 2021.
- Aniqoh, Nur Aini Fitriya Ardiani. "The Role of Digital Economy to Enhancing Sustainable Economic Development." *International Journal of Social Science and Business* 4, no. 4 (2020): 519-27.
- Aryani, Menik. "Analysis of Digital Marketing at Kila Hotel in West Lombok Regency towards Consumer Satisfaction." *Visionary Journal: Research and Development in the Field of Educational Administration* 9, no. 1 (2021): 22-32.
- Aryanto, Vincent Didiek Wiet. *Digital Marketing: Current and Future Business Solutions*. PT Kanisius, 2020.
- Cahyono, Firman Dwi, Andriani Kusumawati, and Srikandi Kumadji. "Analysis of Factors Forming Electronic Word-of-Mouth (E-WOM) and Its Effect on Purchase Intention (Survey on Instagram Account Followers @ Saboten\_shokudo)"." *Journal of Business Administration (JAB)* 37, no. 1 (2016).
- Dewi, Ayu Safika, Titik Inayati, and Mohamad Johan Efendi. "The Influence of Digital Marketing, Electronic Word of Mouth, and Lifestyle on Purchasing Decisions at the Shopee Indonesia Marketplace." *Journal of Applied Industrial Technology and Management* 1, no. 3 (2022): 202-9.
- Dewi, Dian Kusuma. "Factors Affecting the Intention of Civil Servants (PNS) to Take Whistleblowing Action Application of Theory of Planned Behaviour." *Thesis*). *University of Lampung, Lampung*, 2016.
- Ekadjaja, Margarita, and Halim Putera Siswanto. "Digital Marketing Strategy and Implementation during the COVID-19 Pandemic." *Jurnal Bakti Masyarakat Indonesia* 4, no. 2 (2021).
- Ekawati, Mustika, Srikandi Kumadji, and Andriani Kusumawati. The Effect of Electronic Word of Mouth on Consumer Knowledge and its Impact on Decisions
- Purchase (Survey on Twitter Account Followers@ WRPdiet). Brawijaya University, 2014.
- Humaira, Aulian, and Lili Adi Wibowo. "Factor Analysis of Electronic Word Of Mouth (EWOM) in Influencing Tourist Visiting Decisions." *THE Journal: Tourism and Hospitality Essentials Journal* 6, no. 2 (2016): 1049-60.
- Humairoh, Humairoh, and Mohammad Annas. "Determinants of Green Behavior to Reduce Plastic Shopping Bags." *Journal of Management (Electronic Edition)* 13, no. 3 (2022): 412-33.

- Iqbal, Hasan. "Principles of Research Methodology and Its Applications." *Jakarta: Ghalia Indonesia*, 2002.
- Islahwati, Nur, and Sampurno Wibowo. "The Influence of Digital Influencers and Electronic Word Of Mouth on Online Engagement (Case Study on Instagram Account@ Myrubylicious, 2020)." *EProceedings of Applied Science* 6, no. 2 (2020).
- Ivana, Vina, Adelia Sari, and Sienny Thio. "Electronic Word-of-Mouth (E-Wom) and Its Effect on Purchasing Decisions at Restaurants and Cafes in Surabaya." *Journal of Hospitality and Service Management* 2, no. 2 (2014): 218-30.
- Izzah Nur Masyithoh and Ivo Novitaningtyas. "The Effect of Digital Marketing on Consumer Purchase Interest in the Tokopedia Marketplace." *Journal of Creative Management & Business* 7, no. 1 (October 31, 2021). https://doi.org/10.36805/manajemen.v7i1.1951.
- Jamaludin, Achmad, Zainul Arifin, and Kadarismasn Hidayat. "The Effect of Online Promotion and Price Perception on Purchasing Decisions." *Journal of Business Administration* 21, no. 1 (2015).
- Janah, Futihatul, and Apriyadi Yusuf. "Communication Ethics in Social Media Through the SMART Principle (Salam, Ma'ruf, and Tabayyun) Al-Quran Perspective." *JAWI* 3, no. 2 (2020).
- Jonathan, Sarwono. "Quantitative and Qualitative Research Methods," 2006.
- Khairani, Siti. "The Effect of Information Quality Trust and Service on Buying Decisions Through Social Media (Case Study of STIE MDP Accounting Students)," 2015.
- Khoerul Anwar. "The Effect of Digital Marketing and Brand Image on Purchasing Decisions (Study at Yamaha Dealer PT. Permata Motor Karawang)." Stan Indonesia Mandiri College of Economics Bandung, 2021.
- Khoziyah, Siti, and Evawani Elysa Lubis. "The Influence of Digital Marketing on Purchasing Decisions of Followers of Online Shop Instagram@ Kpopconnection." *Journal of Communication Science (JKMS)* 10, no. 1 (2021): 39-50.
- Laluyan, Glen Irwinto, Imam Wibowo, and Amanda Setiorini. "Implementation of Digital Marketing on Consumer Purchasing Decisions of Jd.Id Jakarta," n.d., 13.
- Murtadho, Ali. "The Direction of Development of Islamic Economic Studies Based on the Unity of Science at Iain Walisongo." *Economica: Journal of Islamic Economics* 5, no. 1 (2014): 21-36.
- Nurhayati, L., Lasminingrat, A., Yulianti, M. L., & Priatna, D. K. (2021). The Effect of Promotion on the Sales of S3shop MSMES in Conggeang District, West Java. *Journal of Accounting and Finance Management*, 2(3), 160-168.
- Putri, Devi Laeli Suryaning, Rochiyati Murniningsih, and Mulato Santosa. "The Effect of Digital Marketing, Halal Label, and Product Quality on Purchasing Decisions [Empirical Study of UMKM Oleh-Oleh Getuk Eco Magelang]" 2, no. 2 (2022): 26.
- Rahmadhani, Ritma, and Apriatni Endang Prihatini. "The Effect of Electronic Word Of Mouth and Perceived Risk on Purchasing Decisions for Tokopedia Consumers." *Journal of Business Administration* 8, no. 1 (March 31, 2019): 23–30. https://doi.org/10.14710/jab.v8i1.23766.
- Rahmadi, Heksawan, and Deni Malik. "The Effect of Trust and Risk Perception on E-Commerce Purchasing Decisions on Tokopedia. Com in Central Jakarta." *Journal of Administrative Reform: A Scientific Journal for Realizing Civil Society* 3, no. 1 (2016): 126-45
- Respati, Novita. "The Effect of Locus of Control on the Relationship between Manager Attitudes, Subjective Norms, Perceived Behavioral Control, and Manager Intention to Commit Financial Statement Presentation Fraud." *Journal of Indonesian Accounting and Finance* 8, no. 2 (2014): 123-40.
- Santosa, Marcelino, and Zon Vanel. "Digital Marketing Strategy of Mg Setos Hotel Semarang

- in Increasing Revenue during the Pandemic." *Journal of Science and Humanities Research and Development* 6, no. 2 (August 19, 2022): 234–42. https://doi.org/10.23887/jppsh.v6i2.50088.
- Santoso, Prasetya Yoga. "Transformation of Integrated Marketing Communication in the Digital Era." *Journal of Communication Library* 1, no. 2 (2018): 313-26.
- Sari, Novita, Muhammad Saputra, and Jamaluddin Husein. "The Effect of Electronic Word Of Mouth on Purchasing Decisions at Bukalapak.com Online Stores" 03 (2017): 11.
- Seni, Ni Nyoman Anggar, and Ni Made Dwi Ratnadi. "Theory of Planned Behavior to Predict Investment Intention." *E-Journal of Economics and Business, Udayana University* 6, no. 12 (2017): 4043-68.
- Setyawati, Sri Murni, and Siti Zulaikha Wulandari. "Theory Of Planned Behavior Analysis (Case Study of Stakeholder Readiness Towards the Establishment of Purbalingga as a Creative City)." *Journal of Economics, Business, and Accounting* 20, no. 4 (2018).
- Shabrina Dyah Permatasari. "Factors Affecting the Intention of Accounting Students to Take the Acca Certification Exam (Case Study at Stie Ykpn)." Islamic University of Indonesia Yogyakarta, 2018.
- Sugiyono, Dr. "Educational Research Methods Quantitative, Qualitative and R&D Approaches," 2013.
- Sulistomo, Akmal, and Andri Prastiwi. "Accounting Students' Perceptions of Fraud Disclosure (Empirical Study on UNDIP and UGM Accounting Students)," 2011.
- Sutaguna, I. N. T., Norvadewi, N., Rahayu, B., Rukmana, A. Y., & Yulianti, M. L. (2023). Social Media Marketing Implementation in MSMEs. *ALKHIDMAH: Journal of Community Service and Partnership*, 1(3), 140-150.
- Supangat, Andi. "Statistics in Descriptive, Inference and Nonparametric Studies (Vol. 1)." *Jakarta: Kencana Pernada Media Group*, 2007.
- Susilo, Budi. "Digital Marketing: Demographic Segmentation of Social Media Users in Pontianak City." *Jurnal Eksplora Informatika* 8, no. 1 (2018): 69-79.
- Tresnawati, Yanti Susila, Winne Wardiani, and Rini Anisyahrini. "Development of Digital Marketing in Improving the Competitiveness of Knitted Small Businesses Affected by Covid 19 in Kampoeng Rajoet Bandung City." *Community Development Journal: Journal of Community Service* 2, no. 2 (2021): 206-13.
- Utama, A. P., Trisnawati, N., Nurulafiah, F., & Alawiah, W. (2022). Impact Of Hedonistic Trust And Value On Digital Wallet User Loyalty In Indonesia Through Satisfaction Mediator. *Dinasti International Journal of Digital Business Management*, *3*(4), 551-565.
- Utama, A.P. (2023). *Manajemen Pemasaran Konsep Dasar dan Ruang Lingkup*, Cetakan Pertama. Penerbit CV. Adanu Abimata.
- Utama, A. P., & Trisnawati, N. (2024). The Impact of Trust and Quality of Electronic Services on Digital Bank Customer Satisfaction with the Bank Image as a Mediator. *Jurnal Syntax Transformation*, 5(1), 174-192.
- Veronica, Elsyetia, and Farah Oktafani. "The Influence of Digital Marketing Podcasts on Brand Awareness of Podcast Sleeping Friends." *EProceedings of Management* 8, no. 1 (2021).
- Wijaya, Tommi, and Lidia Paramita. "The Effect of Electronic Word of Mouth (Ewom) on Purchasing Decisions for Dslr Cameras," 2014.
- Yani, General Achmad. "Sugiyono. 2017. Quantitative, Qualitative, and R&D Research Methods. Bandung: Alfabeta. Ferrari, JR, Jhonson, JL, & McCown, WG (1995). Procrastination and Task Avoidance: Theory, Research & Treatment. New York:
- Yulianti, M. L., Putri, L. S. H. S., Kurnia, E., Prayoga, H., & Subarkah, Y. (2023). Marketing Strategy in Increasing Sales at the Margahayu Village Bag and Backpack Shop,

- Bandung Regency. *Community Development Journal: Journal of Community Service*, 4(3), 6577-6580.
- Yulianti, M. L., Lasminingrat, A., Simamora, R. J., Rahmadi, K., Yuliani, T., Rosyani, R., & Ernawati, E. (2022). Marketing Distribution of Kecap Cap Jago in Cibenda Village, Pangandaran Regency. *Sadeli: Journal of Community Service*, 2(2), 36-42.
- Yulianti, M. L. (2023). The Effect of Environmental Management and Green Accounting: Financial Performance of Food and Beverage Companies on the Indonesia Stock Exchange.
- Plenum Press. Yudistira P, Chandra. Lecture Dictate of Psychometry. Faculty of Psychology University," n.d.
- Yusuf, A Muri. Quantitative, Qualitative & Combined Research Methods. Prenada Media, 2016.
- Zakaria, I., & Yulianti, M. L. The Effect of Vehicle Credit Sales on Increasing Revenue at Pt Nugraha Sumber Berlian Ciamis for the Period 2013-2017. *Book Chapter Accounting Vol.* 2, 27.