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“Short Video Application is a New Marketing Strategy”: a Mixed-method Study on Indonesia’s MSME

Suci Meilia Setyarini¹⁾, Wisnu Pangah Setiyono^{*2)}, Hadih Fitriyah³⁾

¹⁾ Magister Management, Muhammadiyah University of Sidoarjo, Indonesia

²⁾ Faculty of Business, Law and Social Science, Muhammadiyah University of Sidoarjo, Indonesia

³⁾ Faculty of Business, Law and Social Science, Muhammadiyah University of Sidoarjo, Indonesia

*Author’s correspondence: 216110100001@umsida.ac.id

Abstract. This study reveals how the role of short videos used in the marketing process carried out by MSMEs in Indonesia in increasing customer engagement and purchase intentions leads to increased sales. This study used a mixed method of explanatory sequential design, namely collecting and analyzing quantitative data, followed by qualitative methods. The data was collected from a digital questionnaire using a probability sampling method and analyzed by Smart PLS 3.2.9 software. The result shows that usage of short video applications has a positive relationship with customer engagement and purchase intentions. This condition is used as a trigger to have a deep investigation regarding short video application usage to increase sales. The qualitative methods used in this process by depth interviews, observation, and documentation. Source triangulation was used to validate the data. The result shows that usage of short video applications has a positive impact on sales that the short video could make awareness and convert to traffic and increase sales. The result of this study is expected to help MSMEs in Indonesia to implement digital marketing, especially with short video applications to increase sales.

Keywords - digital marketing; marketing strategic; MSMEs; short video application

I. INTRODUCTION

Industrial revolution 4.0 has not only caused technological changes but also the emergence of big data, the Internet of Things (IoT), and changes in behavior and organizational structure [1]. Based on the discussion of several experts, it is said that there are many applications for the industrial revolution 4.0, such as mobile devices, IoT platforms, smart sensors, as well as big analytics and advanced processes [2]. Therefore, the phenomenon of changing the manual business model to a digital business model has emerged and it is easy for customers to access [3]. Digital business models have been discussed by several researchers, their definitions and applications are sought concretely. Then it is known that this digital business model uses big data, digital technology and IoT as drivers of information [4], [5], [6], [7]. Responding to this, business people must immediately move to smart systems with the help of the internet. A survey conducted in February 2022 stated that internet users in the world are 4.95 billion, which means that 62.5% of the world's population are active users of social media and 8.28 billion people are connected by mobile connections [8]. As shown at **Figure 1**, in Indonesia as of January 2022, internet users were 204.7 million (73.7% of the Indonesian population and increase 1% between 2021 and 2022) and 191.4 million active on social media (equivalent to 68.9% of Indonesia's population and increase 12.6% between 2021 and 2022). Research has also been conducted on Indonesian residents with an age range of 16 to 64 years and it is found that Indonesians spend more than 3 hours of their time on social media. This is an opportunity that must be used by entrepreneurs to develop their businesses through digital channels.



Figure 1. Digital Growth. From Dataportal.com/reports/digital-2022-indonesia

Changes in business models that occur to respond to the challenges of conditions that also change drastically due to changes in technology and consumer behavior make business actors also have to adapt immediately. Very competitive business competition and the globalization of the market have changed the way businesses operate. Organizational restructuring and changing business strategies according to market conditions are important and urgent needs in order to continue to survive and achieve good results. To remain highly competitive, an organization must transform technology from manual to digital, change methods and prepare human resources in every function in the organization as a business driver. Digital marketing is something that must be done today considering that with the help of digital technology, business people can expand their reach and build effective interactions with customers and potential customers so that they are more responsive to the market. While still providing fast responses and real-time communication, digitalization can also make it easier for business people to track and analyze strategies from competitors so as to shorten the time to prepare and conduct marketing research [9]. Digital marketing applications are able to show which marketing campaign are successful and what content did a good work [10]. In the other hand, usage of digital marketing also has several weaknesses (**Table 1**). Business people also still have to consider the type of digital marketing that suits their business because not all types of products, services and companies are suitable for using digital marketing.

Based on surveys conducted by many institutions, it was found that the percentage of internet users connected to social media every year is always increasing. Social media is used to find out the latest news and current events that are happening. With the pandemic causing more time to be spent interacting online, starting from communicating with friends/family, looking for news topics that are developing to finding inspiration for purchasing goods. Many studies discuss the use of social media as the main factor that can increase brand awareness and have a positive effect on purchasing decisions [11]. Research conducted by [12] revealed that the use of digital platforms for SMEs in Makassar can increase sales results because they can reach more buyers and create a comfortable interaction. Several studies have also tried to discuss the effect of using social media and its effect on the quality of products and consumer traits that can affect purchases [13] [14] [15]. Various studies were conducted during the pandemic to assess the popularity of social media and it was found that Tiktok was the most popular. Starting in 2020, Tiktok became popular because it can provide space to convey messages in the form of videos with a duration that is not too long so that the content of the message can be visualized properly. Tiktok has been extensively researched for its use in the fields of health, education and entertainment with various benefits. Tiktok is also a persuasive technology application that can influence the behavior of its users [16]. It is very easy to use the short video application because it does not require high-priced professional tools, it is enough with all the features available and could display beautiful results [17]. Short video application became popular and spread to the world. Although there was a decline in users during the lockdown period due to the pandemic, it could quickly increase again and this shows that short video platforms can attract many users and can provide practical information [18][19]. But Tiktok was also briefly blocked by the Ministry of Communication and Information because it was considered to have a negative impact on the community by loading video content leading to pornography and creating a bad image, but after a period of "rest" Tiktok finally returned and made a new movement with more fans. Seeing the high enthusiasm for short video-based applications, other applications are also copying short video versions. Tiktok became the leader followed by Instagram reel, YouTube short, SnackVideo and Likee. Interesting video content will make people talk. With the trend of short videos as an effective marketing tool, businesses are increasing the quality of their video content. In addition, content from digital marketing, especially using social media especially in the form of videos, can increase customer engagement and trust [20][21]. One thing that makes video become a favored marketing content form is the ability to use it in many ways and places. However, creating short content that is interesting and doesn't detract from the important information of the products video offered is not easy. Users of this application must be able to understand how to communicate properly, the interactions that occur and the appropriate display. In the end, marketers need approaches and content that convert well and bring the business into the right way.

Tabel 1. Advantages and Disadvantages of Digital Marketing (Veleva, 2020)

Advantages	Disadvantages
1. Possible to simplify the flow of information and marketing environment	1. It makes the competitor easier to track and analyze our marketing strategy
2. Easier of maintain customer service	2. Shorten the time for competitor to prepare and conduct marketing reasearch
3. The level of marketing results could be measured quickly and pricely	3. Open the window for the competitor to see our room
4. Less investment needed for the marketing agenda	4. Need to be designed professionally and correct target to increase customer confidence
5. High efficiency with relative small investment	5. The content should be clear and open, no camouflage to increase customer's trust
6. The results could made to create new strategy	
7. Could see the sales conversion from marketing campaign	
8. Easy to reach difficult and even remote area	

Responding to the rapid development of digital media, the Government of Indonesia is encouraged to be ready to support its people to carry out digital transformation. The President of Indonesia is targeting as many as 30 million MSMEs to participate in digital marketplaces by 2024. This is important because MSMEs are an economic milestone in Indonesia because it has an important and strategic role in economic development [22]. MSMEs are also able to absorb labor and become tough fighters in financial crisis conditions. Based on [23] in 2021 MSME workers in Indonesia occupy the highest position within ASEAN. The number of MSMEs in Indonesia continues to increase from year to year (**Figure 2**) and in 2019 the number of Indonesian MSMEs reached 65.47 million or the equivalent of 99.99% of the total business in Indonesia [24]. Of this large number, Indonesian MSMEs have not been able to outperform Myanmar in contributing to Gross Domestic Product. The government then promoted programs to improve the capabilities of MSMEs with a digitalization strategy. It is hoped that Indonesian MSMEs will be ready to go digital in 2024. In addition to the digital strategy, MSME actors must also be able to improve several aspects in facing the global era, such as knowledge management, market orientation and product innovation [25][26].

[27][28][29][30] studied the relation of usage digital marketing for MSMEs, however there has been no further research on the short video-based digital platform used by MSMEs in Indonesia and has succeeded in increasing customer attention. Due to the reasons above, this research will focus on the influence of digital marketing implementation using short video applications to customer engagement and purchase intention on MSMEs in Indonesia. Further, this research will explore the implication of usage of this applications to leads sales on MSMEs.

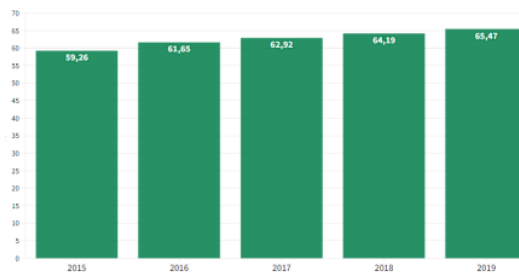


Figure 3. The number of SMEs in Indonesia in 2015 – 2019. From Kemenkop UKM

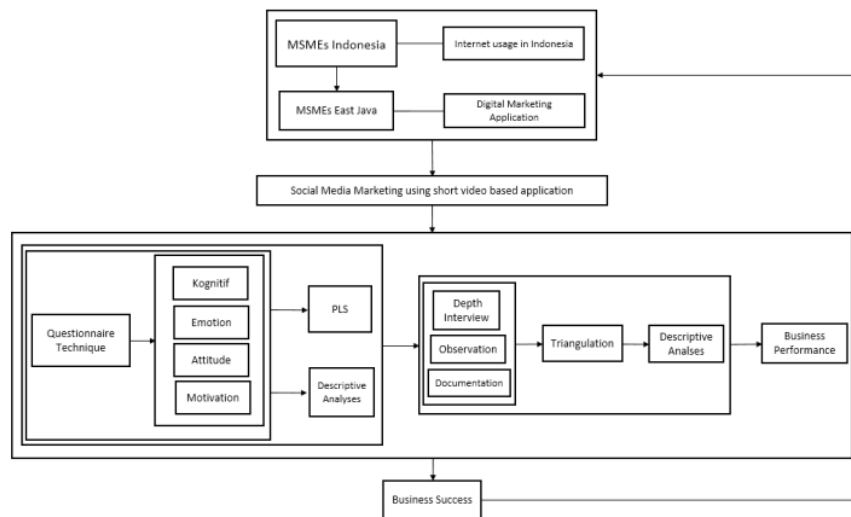


Figure 4. Conceptual Framework

II. METHODS

To clarify and explore the relationship between variables in a phenomenon, the mixed-method is the best method [31]. By exploiting the strengths of each method, extensive information and insight will be obtained. Therefore, this study uses a mixed method, namely the research step by combining two forms of research approaches, both qualitative and quantitative [32]. According to [33] mixed method is a research method by combining two research methods at once, qualitative and quantitative in research activity, so that more comprehensive, valid, and objective data will be obtained. This study used mixed-method, explanatory sequential design. This method will begin by collecting and analyzing data using a quantitative approach to answer research questions. Furthermore, data collection and analysis were carried out using qualitative methods to explain in more detail the research results [32], as **Figure 4**.

To find the effect of using a short video on customer engagement and purchase intention, the researcher will use a digital questionnaire using Likert scale and distributed randomly to MSMEs in Sidoarjo, Surabaya and Malang. The sample selection was carried out using a purposive sampling method with the aim of obtaining a representative sample according to the specified criteria. The data will be analyzed based on the Dual Paradigm with two dependent variables using Smart PLS 3.2.9 software, where the independent variable (X) is the use of short video applications and the dependent variable is customer engagement ($Y1$) and customer purchase intention ($Y2$) [34]. The results of this analysis are then followed by a qualitative analysis to examine more deeply the effect that has been proven from the previous data analysis. Qualitative data were taken using three methods, namely in-depth interviews, documentation, and observation. The purpose of this study is to know the effects of digital marketing applications using short videos for MSMEs. The interview session was conducted to get information from MSME's actor that has a business for skincare and applied a short video application for the business (like TikTok, IG Reels, and YouTube Short). He has been run the business since ten years ago, fully online via marketplace. He already use short video applications about two years. The researcher used an unstructured interview technique where interviews are carried out flexibly, with no limitations in questions but still within the context of the objectives of the research so that the informant can provide answers according to what they feel and experience that has been done. Because there are no limitations in the interview process with this technique, it is possible to get a very wide range of data. So that the drop rate is not too high, the interviewer can make interview guidelines that focus on certain subjects or subjects although they will not always be used in full and sequentially [35]. During the interview session,

the researcher dug the information regarding to implementation short video, the way he maintains and the impact of the application. All data obtained during research using various techniques will be collected into a collection of raw data which will then be processed into analytical data. This data will then be validated using the triangulation. In this study, triangulation of data sources was used, as a tool for validating the data obtained because triangulation is a method of synthesizing data against its truth [36]. The researcher used source triangulation so the validation for data will be coming from three MSMEs with different scopes of business that is skincare (informant A), catering (informant B), and fashion (informant C). The data compared to the performance of the sales and observation of the business performance.

III. RESULT AND DISCUSSION

Data processing results were obtained from quantitative data collection using a digital questionnaire. The samples in this research were a total of 106 MSMEs and 92.5% of respondents use short video applications for their business promotion. The characteristics of respondents in this study are gender, age, and education level (**Table 2**). It shows that the MSMEs actor who applies short video is at productive age with good education background (bachelor = 67.2%). Respondent who applied short video in this research are female with 64.2%, greater percentage compared to male. The business type of respondents for this study are micro (77.6%), small (20.9%) and medium enterprises (1.5%).

Table 2. Respondents Characteristics

Respondent Characteristics		%
Age	18-25	13.4
	26-35	34.4
	36-45	46.3
	>45	6.0
Education	High School	20.9
	Diploma	10.4
	Bachelor	67.2
	Magister	1.5
Gender	Male	35.8
	Female	64.2

Evaluation of Measurement (Outer Model)

- Convergent Validity

The relationship model that is influenced by short video applications on MSMEs is analyzed using Smart PLS version 3.2.9. Evaluation of the measurement model (Outer Model) is obtained on the values of convergent validity, discriminant validity, and composite reliability. The magnitude of the correlation between constructs and latent variables is shown by the value of convergent validity. Data validity can be seen from the Average Variant Extracted (AVE) value which is greater than 0.5 (**Table 3**). Based on the data, it is stated that all indicators are Valid.

Table 3. Validity Test Result

Variable	Indicators	Outer Loadings	Average Variance Extracted (AVE)	Result
Customer Engagement	CE1	0.81	0.64	Valid
	CE2	0.81		
CE3	0.74			

	CE4	0.80		
	CE5	0.70		
	CE6	0.82		
	CE7	0.86		
	CE8	0.86		
Intend to Buy	IB1	0.87	0.71	Valid
	IB2	0.91		
	IB3	0.70		
	IB4	0.87		
Short Video	SV2	0.72	0.69	Valid
	SV2	0.87		
	SV3	0.76		
	SV4	0.93		
	SV5	0.79		
	SV6	0.88		

- Discriminant Validity

Data validity can also be assessed based on cross-loading measurements with the construct. If the construct's correlation with each indicator is greater than the other construct measurements, then good discriminant validity is achieved. The results of the discriminant validity test using the cross-loading value can be seen in table 4.

Table 4. Cross Loadings

Indicators	Variables		
	Customer Engagement	Intend to Buy	Short Video
CE1	0,812	0,731	0,833
CE2	0,813	0,711	0,679
CE3	0,738	0,588	0,534
CE4	0,802	0,735	0,591
CE5	0,688	0,536	0,536
CE6	0,825	0,634	0,626
CE7	0,861	0,831	0,648
CE8	0,864	0,860	0,682
IB1	0,871	0,866	0,668
IB2	0,752	0,912	0,711
IB3	0,612	0,701	0,529
IB4	0,726	0,867	0,722
SV1	0,486	0,535	0,720
SV2	0,706	0,697	0,865
SV3	0,711	0,653	0,760
SV4	0,733	0,703	0,932
SV5	0,547	0,570	0,791
SV6	0,785	0,722	0,877

All criteria were meet the requirements and the research's conclusion are valid. So, the research are able to go to the next step.

- Composite Reliability

The reliability test was carried out to prove the accuracy, consistency and precision of the instrument in measuring constructs [37]. Reliability measurement uses composite reliability and Cronbach's Alpha

values. Data can be said to be reliable when the composite reliability value is more than 0.7 and the Cronbach Alpha value is more than 0.5. The results of this study are shown in table 5 as follows:

Table 5. Reliability Test Results

Variables	Composite Reliability	Cronbach Alpha	Conclusion
Customer Engagement	0.94	0.92	Reliable
Intend to Buy	0.90	0.86	Reliable
Short Video	0.93	0.91	Reliable

Based on the data on table 3, 4 and 5 that all the data are valid and reliable. Therefore, all indicators are highly capable to be used in further analysis.

Evaluation of Structured Model (Inner Model)

- R-square (R^2)

The coefficient of determination is shown by R square value that shows how much an independent variables influences dependent variable. Value of R square in this research are 0.66 for customer engagement and 0.62 for intend to buy (Table 6). The value of R square for this two variables are categorized as a moderate to strong model [38]. It means that the variable customer engagement can be driven by short video application variable of 66% and 62% for variable intend to buy. While the remaining 33% and 38% is driven by another variables outside the model.

Table 6. R square

Variables	R square
Customer Engagement	0.66
Intend to Buy	0.62

1 Path Coefficient

The path coefficients test was used to determine the direction of the relationship between each variable in the study. After bootstrapping, the value of the path coefficients between the variables is shown in Table 7 as follows:

Table 7. Path Coefficients

Variables	Original Sample (O)	Sample Mean (M)	Standard Deviation (STDEV)	T Statistics (O/STDEV)	P Values
Short Video → Customer Engagement	0.812	0.817	0.042	19.183	0.000
Short Video → Intend to Buy	0.789	0.789	0.058	13.706	0.000

The value of path coefficients are 0.812 and 0.789, which means that short videos have a positive influence to customer engagement and intent to buy. The value of t-statistics are 19.183 and 13.706, which means that short videos have significant influence due to t-statistics are greater than t-table (t-table's significance for 5% = 1.96). More attractive short video will increase customer engagement and have a significant effect for intend to buy. And the model of bootstrapping as Figure 5.

All the data above showed that short video application have positive and significant influence to customer engagement and intend to buy. So, the research is highly recommended to go to the next step which the data will analyzed for qualitative method.

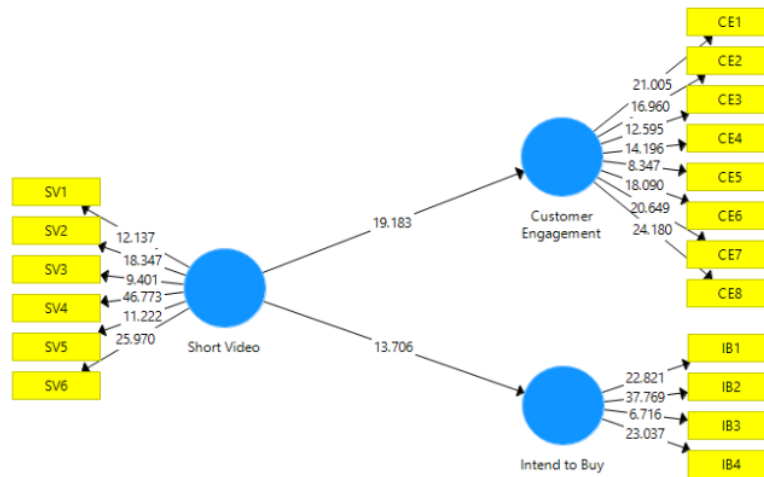


Figure 5. Bootstrapping Model

Digitalization rapidly grows and digital marketing is one of the trends that should be beneficial for increasing profits and sales [9], [10]. Digital marketers must be active in carrying out promotional activities in order to increase trust and strengthen relationships with customers. Popular digital channels commonly used by businesses in digital marketing are social media marketing and websites [39]. [40] states that social media marketing is very effective in creating customer engagement and creating customer purchase intentions. With the convenience offered and wide reach, digital marketing is expected to be able to increase sales and reduce costs. This is what is needed by MSMEs in Indonesia because they have a large number and have a vital contribution to the country's economy. One type of digital marketing that is currently developing rapidly is in the form of short videos that can increase product trust, trust in sellers, and customer involvement [20]. 80% of people will quickly remember what they see, 10% of what they hear and 20% of what they read, so video marketing can attract more attention. Video marketing provides a unique experience and could disseminate information in an attractive form so it could increase strong engagement with customers. With a duration of seconds, making a short video application can provide convenience in conveying information [41][17]. Research conducted by [16] found that short video applications, such as TikTok, are a pleasant experience and because of their powerful algorithms can attract attention and spend longer time interacting. Because the TikTok phenomenon is so popular that almost everyone is downloading it. The video that was spread seemed to attract a lot of attention so it was used as a marketing tool. When the Covid-19 pandemic hit, the e-commerce platform became a mainstay for MSME players who had switched to digital marketing, but it seems that video marketing has attracted more viewers. This was then used by TikTok to create a shopping application using short videos. Kondisi men-triger aplikasi lain untuk juga memfasilitasi dirinya dengan adanya konten video. Instagram kemudian menciptakan IG Reels, e-commerce dengan live video nya dan YouTube membuat versi singkat dengan YouTube short. This was then responded to by MSMEs in Indonesia by following the existing trends. Indeed, at first they were still more confident using the e-commerce platform which incidentally has become a common application in buying and selling activities. But along with changing trends in society, MSME actors must adapt to this. They started making videos with short durations to attract the attention of the audience. With interesting content, it is hoped that it can attract potential customers and send messages to be followed up into a purchase transaction. Not all applications have the format of a buying and selling service, but short videos that have been made can be linked to your online buying and selling application. Short video applications that are currently popularly used are TikTok and IG Reels, while MSME actors for their product marketing activities still rarely use YouTube Short. The results of in-depth interviews with MSMEs have been conducted by researchers and it was found that using short videos in product marketing activities can increase awareness and traffic

from customers (Figure 5). With good handling and response, this traffic can be converted into sales. TikTok become a pioneer for an application that applied short video and have a selling feature. Short videos with interesting and real content can attract a large number of potential buyers. With a not too long duration, potential consumers have enough time to view the content presented and decide on the next step. Prospective buyers who are interested in the content presented will start acting by giving short messages directly to the seller, making comments, or directly buying. All activities and responses from customers can be properly monitored and it makes easier for businesses to understand their current business conditions (Figure 6). TikTok will read the activity of the user and the more active it is, the more the account will occupy the top position. With this condition, the possibility of being seen for the first time by prospective buyers will be even greater. TikTok is indeed effective in presenting interesting and proper short video content, but the TikTok system will filter out active users with the right frequency to be an option on the main page. To meet these conditions, the account owner must have sufficient stock of short videos. Informant A said that TikTok could increase the number of orders until 10 times compared with using an e-commerce platform. His business getting bigger due to applying short videos on TikTok compared to before due to he could reach a wider marketing area. Knowing the segmentation of products with good prices will increase the turnover 2 – 3 times. Informant B said the same condition for her business. Due to she has a big number of followers on TikTok, she gets offered to affiliate with TikTok's management to promote other's products. She has double advantages at once, could increase her business traffic and fee up to 10% per sale. TikTok will be very useful for viral products and give big numbers of sales and vice versa. So the MSME's actor should have research to update the information.

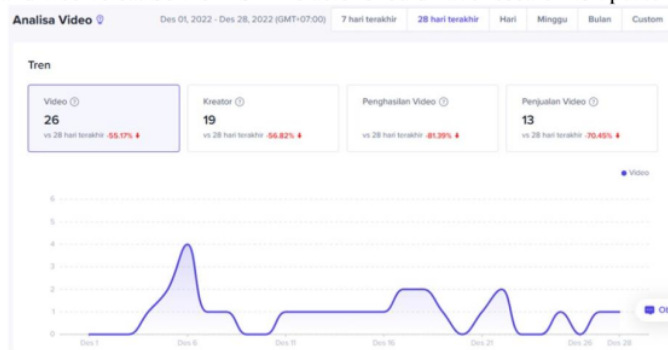


Figure 5. Performance of Video Marketing

Detail Video

Jenis akun: Semua Reputasi Pemasaran Afiliasi Nama Kreator: Masukkan username G: Metrik Unduh

Informasi Video	Produk	Waktu	VV	Produk Ditonton	CTR	Pengikut baru	DR
	NIGHT PREMIUM LONER... BG SKIN BEAUTY GLO... FACE WASH BG SKIN B... SERUM BG SKIN BEAU... BG SKIN BRIGHTENING...		5,20K	1,45K	0.94%	16	
	BG SKIN BEAUTY GLO... NIGHT CREAM PREMIU... FACE WASH BG SKIN B... SERUM BG SKIN BEAU...		1,02K	1,12K	9.38%	6	
	Scarlett Skin Brightly A... Scarlett Facial Wash... Aloe Serum Scarlett... Scarlett Body Scrub All... LANGKING BIRINGGA... Scarlett Modern Mugwort... SCARLETT WHITENING...		724	18K	32.6%	7	
	Grace & Glow Body Wash... Kelaya Hair Treatment S... SCARLETT WHITENING...		408	934	2.21%	4	
	Grace & Glow Body Wash... AHA MHA 99.9% ANA... Kelaya Hair Treatment S... SCARLETT WHITENING...		321	365	1.56%	5	

Figure 6. Conversion Analysis of Short Video

In contrast to TikTok, which apart from providing awareness and being able to attract traffic from potential buyers at the same time, it seems that IG Reels is still in the stage of providing awareness. Prospective buyers who are interested in content on IG Reels still have to contact the seller via text message or comment to be able to make the next transaction. But with today's technological sophistication, IG accounts that display short videos can be linked to online store accounts from sellers. Informant C said that she could increase her customer's order by IG Reels. IG Reels becomes more flexible because it does not need a huge number of prepared videos like TikTok. When using short videos on IG reels could help increase customers' trust due to they could see the final product. The usage of viral audio could increase the customers' attention and increase the probability of her content in the top of the view. The direct increase in sales due to the application of a short video could be seen on her first month. This condition could increase her spirit to create another short video to increase her followers. Informant A also said that it could increase customers' awareness and stimulate them to click the given link to his store. So, IG Reels could be a stimulator for his business.

Another short video application is YouTube short. Instead of YouTube, which contains a video with a long duration, YouTube short is not famous yet in MSMEs actors to help their marketing activity. YouTube, as a medium that started with long video content, tries to facilitate existing trends by creating a platform for short videos. But YouTube shorts still act as a platform for disseminating information and will be linked to other applications. In the world of digital marketing, YouTube short is still not as popular as TikTok. And SMEs in Indonesia are still not familiar with YouTube Short as a buying and selling application. They still prefer to use TikTok and IG Reels in marketing using short videos or using e-commerce that they have used before. Both informants A, B and C have not used the YouTube Short application as a marketing medium because they feel that TikTok and IG Reels are more capable of supporting their business.

IV. CONCLUSION

The rapid development of the digital era, all business actors must adapt to these conditions. Digital marketing is the choice of business people to help their business because of the many benefits it provides. One application that is developing in the marketing process is using short videos. With a duration that is not too long and interesting content, short video applications such as TikTok and IG Reels have become popular to help with marketing activities. With low costs and a wide reach, this application is of great interest to MSME actors. TikTok is able to attract the attention of customers with interesting video content, which can then be directed to make purchases through the system. IG Reels is able to increase the awareness of potential customers, which can then be completed with a sale. By creating slick content and setting the right frequency, MSMEs can increase sales through this short video application. The results of this study indicate that digital marketing through short videos can increase sales to MSME actors. This research is limited to short video applications such as TikTok, IG Reels and YouTube Shorts. Recommendations for further research might be carried out on MSMEs with a wider coverage area.

V. ACKNOWLEDGEMENT

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REFERENSI

- [1] M. Savastano, C. Amendola, and F. D'Ascenzo, "How digital transformation is reshaping the manufacturing industry value chain: The new digital manufacturing ecosystem applied to a case study from the food industry," *Lect. Notes Inf. Syst. Organ.*, vol. 24, no. February 2019, pp. 127–142, 2018, doi: 10.1007/978-3-319-62636-9_9.
- [2] G. Erboz, "How To Define Industry 4.0: Main Pillars of Industry 4.0," *Manag. trends Dev. Enterp. Glob. era*, no. November 2017, pp. 761–767, 2017, [Online]. Available: https://spu.fem.uniag.sk/fem/ICoM_2017/files/international_scientific_conference_icom_2017.pdf
- [3] H. Verweij and L. Peek, "How key suppliers drive your company 's competitive advantage," *Price Waterhouse Coopers*, p. 44, 2013.
- [4] F. Li, "The digital transformation of business models in the creative industries: A holistic framework and emerging trends," *Technovation*, vol. 92–93, no. January, pp. 1–10, 2020, doi: 10.1016/j.technovation.2017.12.004.
- [5] P. M. Bican and A. Brem, "Digital Business Model, Digital Transformation, Digital Entrepreneurship: Is there a sustainable 'digital'?", *Sustain.*, vol. 12, no. 13, pp. 1–15, 2020, doi: 10.3390/su12135239.
- [6] M. F. G. Trischler and J. Li-Ying, "Digital business model innovation: toward construct clarity and future research directions," *Rev. Manag. Sci.*, no. 0123456789, 2022, doi: 10.1007/s11846-021-00508-2.
- [7] A. Aagaard, *Digital business models: Driving transformation and innovation*. 2018. doi: 10.1007/978-3-319-96902-2.
- [8] S. Kemp, "Digital 2022: INDONESIA," 2022. datareportal.com/reports/digital-2022-indonesia
- [9] S. S. Veleva and A. I. Tsvetanova, "Characteristics of the digital marketing advantages and disadvantages," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 940, no. 1, 2020, doi: 10.1088/1757-899X/940/1/012065.
- [10] N. M. Nabieva, "Impact Factor : Theoretical & Applied Science DIGITAL MARKETING : CURRENT TRENDS IN DEVELOPMENT," *Int. Sci. J. Theor. Appl. Sci.*, 2021, doi: 10.15863/TAS.
- [11] F. Ardiansyah and E. Sarwoko, "How social media marketing influences consumers ' purchase decision ? A mediation analysis of brand awareness," vol. 17, no. 2, pp. 156–168, 2020, doi: 10.31106/jema.v17i2.6916.
- [12] Imaduddin and Jufriadi, "DIGITAL PLATFORMS FOR SMALL AND MEDIUM-SIZED ENTERPRISES : SOME PRACTICAL IMPLICATIONS," vol. 9, no. 1, pp. 175–186, 2022, doi: 10.24252/minds.v9i1.28381.
- [13] N. Hardiyanto, H. Lakshi, K. Perera, and L. Kusdibyo, "Customer Purchase Intentions on Hijab Fashion : The Role of Social Media Marketing Instagram and Product Quality," vol. 2, no. 2, pp. 138–148, 2020, doi: 10.35313/ijabr.v2i02.108.
- [14] R. Jokom, "(Bisnis dan Manajemen)," vol. 11, no. Kaplan 2010, pp. 20–32, 2018.
- [15] A. Vania, S. Sumiati, and F. Rohman, "PREFERENSI PELANGGAN ONLINE SHOP INSTAGRAM BERDASARKAN E-SERVICE QUALITY DENGAN MENGGUNAKAN ANALISIS CLUSTER DAN ANALISIS CONJOINT," vol. VIII, no. 1, pp. 73–89, 2018.
- [16] R. Wang, "Does Short-form Video Application Shape Your Life? Does Short-form Video Application Shape Your Life? An Empirical Study of TikTok Usage and Persuasive Behavior Change in China," 2022, [Online]. Available: <https://www.diva-portal.org/smash/get/diva2:1642278/FULLTEXT01.pdf>
- [17] H. Cheng and Y. Chen, "Research on the Commercial Value Development of Short Video Application," vol. 3, pp. 160–164, 2021, doi: 10.23977/jsoc.2021.030529.
- [18] L. Globalwebindex, "Sosial," 2020.
- [19] F. Report, "GlobalWebIndex's flagship report on the latest trends in social media," 2020.
- [20] A. Wongkitrungrueng and N. Assarut, "The role of live streaming in building consumer trust and engagement with social commerce sellers," *J. Bus. Res.*, vol. 117, no. August 2018, pp. 543–556, 2020, doi: 10.1016/j.jbusres.2018.08.032.

- [21] A. Halik and M. Nugroho, "THE ROLE OF CONSUMER DELIGHT MODERATING THE EFFECT OF CONTENT MARKETING AND PRICE DISCOUNT ON ONLINE SHOPPING DECISION AND LOYALTY OF GENERATION Z," vol. 37, no. 1, pp. 35–54, 2022.
- [22] H. A. Sarwono, "Profil Bisnis Usaha Mikro, Kecil Dan Menengah (Umkm)," *Bank Indones. dan LPPI*, pp. 1–135, 2015.
- [23] M. A. Rizaty, "Proporsi Pekerja UMKM Indonesia Tertinggi di Asean pada 2021," 2022. <https://dataindonesia.id/Sektor Riil/detail/proporsi-pekerja-umkm-indonesia-tertinggi-di-asean-pada-2021>
- [24] <https://kemenkopukm.go.id/>, "Data UMKM," 2022. <https://kemenkopukm.go.id/data-umkm/?mb5EiuKYGdGx43KMYSt9qzb7pKAYYiaqwIjM2ErjZEoEJKZJeu>
- [25] W. P. Setiyono, M. Iqbal, R. Alfisyahr, A. Pebrianggara, and M. Shofyan, "Determinants of SME's performance: The role of knowledge management, market orientation, and product innovation," *JEMA J. Ilm. Bid. Akunt. dan Manaj.*, vol. 19, no. 1, p. 22, 2022, doi: 10.31106/jema.v19i1.15036.
- [26] W. P. Setiyono, D. Andriyani, and B. I. Putra, "The Affect Of The Asean China Free Trade Agreement (Acfta) On The SME's Performance," *JBMP (Jurnal Bisnis, Manaj. dan Perbankan)*, vol. 5, no. 1, pp. 30–34, 2019, doi: 10.21070/jbmp.v5i1.2043.
- [27] R. Hanna, A. Rohm, and V. L. Crittenden, "We're all connected: The power of the social media ecosystem," *Bus. Horiz.*, vol. 54, no. 3, pp. 265–273, 2011, doi: 10.1016/j.bushor.2011.01.007.
- [28] J. Amoah and A. B. Jibril, "Social Media as a Promotional Tool Towards SME's Development: Evidence from the Financial Industry in a Developing Economy," *Cogent Bus. Manag.*, vol. 8, no. 1, 2021, doi: 10.1080/23311975.2021.1923357.
- [29] F. Redjeki and A. Affandi, "Utilization of Digital Marketing for MSME Players as Value Creation for Customers during the COVID-19 Pandemic," *Int. J. Sci. Soc.*, vol. 3, no. 1, pp. 40–55, 2021, doi: 10.54783/ijssoc.v3i1.264.
- [30] M. I. Purba, D. C. Y. Simanjutak, Y. N. Malau, W. Sholihat, and E. A. Ahmadi, "The effect of digital marketing and e-commerce on financial performance and business sustainability of MSMEs during COVID-19 pandemic in Indonesia," *Int. J. Data Netw. Sci.*, vol. 5, no. 3, pp. 275–282, 2021, doi: 10.52677/j.ijdns.2021.6.006.
- [31] W. Liping and L. Hsin-Hui, "Not a One-Size-Fits-All Methodology: A Survey of Mixed Methods," *J. Adv. Educ. Res.*, vol. 2, no. 2, pp. 97–102, 2017, doi: 10.22606/jaer.2017.22005.
- [32] J. W. Creswell, *Research Design*. 2014.
- [33] Sugiyono, *Metode Penelitian Kombinasi (Mixed Methods), Edisi ke- 5*. Bandung: Alfabeta., 2014.
- [34] Soegiyono, *Metode Penelitian Kuantitatif, Kualitatif dan R&D*. 2011.
- [35] I. N. Rachmawati, "Pengumpulan Data Dalam Penelitian Kualitatif: Wawancara," *J. Keperawatan Indones.*, vol. 11, no. 1, pp. 35–40, 2007, doi: 10.7454/jki.v11i1.184.
- [36] B. S. Bachri, "Meyakinkan Validitas Data Melalui Triangulasi Pada Penelitian Kualitatif," *TeknoL. Pendidik.*, vol. 10, pp. 46–62, 2010.
- [37] F. Schuberth, *Confirmatory composite analysis using partial least squares: setting the record straight*, vol. 15, no. 5. Springer Berlin Heidelberg, 2021. doi: 10.1007/s11846-020-00405-0.
- [38] M. G. Chin W, "The Partial Least Squares Approach to Structural Formula Modeling," *Adv. Hosp. Leis.*, vol. 8 (2), no. January 1998, p. 5, 1998, [Online]. Available: <https://books.google.com/books?hl=en&lr=&id=EDZ5AgAAQBAJ&oi=fnd&pg=PA295&dq=The+partial+least+squares+approach+to+structural+equation+modeling&ots=49uH6qt2lk&sig=Fwg2GGFWp3LUMMjxMu9h4jbOXnA>
- [39] A. R. Thaha, E. Maulina, R. A. Muftiadi, and M. B. Alexandri, "Digital Marketing and SMEs : A Systematic Mapping Study," no. April, 2021.
- [40] S. N. Samsudeen and M. Kaldeen, "Impact of Digital Marketing on Purchase Intention Impact of Digital Marketing on Purchase Intention," no. April, 2020.
- [41] S. Yang, Y. Zhao, and Y. Ma, "Analysis of the Reasons and Development of Short Video Application-Taking Tik Tok as an Example," *Int. Conf. Inf. Soc. Sci. (ICISS 2019)*, vol. 9, no. Iciss, pp. 340–343, 2019, doi: 10.25236/iciss.2019.062.

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