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### FACTORS ANALYSIS AFFECTING SMART HOME ACCEPTANCE IN JAVA ISLAND, INDONESIA

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#### ABSTRACT

This research aims to determine the factors that influence the acceptance of IoT smart homes in Indonesia, including the desire to use and perceived benefits. Therefore, this research was conducted using Technology Acceptance Model (TAM) Theory and conducted a survey method and resulted in 100 respondents indicated. In this study, it was found that the Perceived compatibility variable for the Perceived Ease of Use and Perceived Usefulness variables and the Perceived enjoyment variable for Perceived Usefulness did not affect - the use of IoT Smart Home. At the same time, other external variables show that external variables affect the use of IoT Smart homes. The results of this study can be used as a research reference on the acceptance of IoT Smart homes in Indonesia. They can enrich theories about the acceptance of IoT Smart homes in Indonesia.

Keywords: Technology Acceptance Model, Acceptance, Smart Home, Internet of Things

#### 1. INTRODUCTION

Information technology is a common thing in the obtained from the Association of Indonesian Internet current era. Not infrequently, information technology Service Providers (APJII), amounting to 73.7% of the can be used in life to facilitate daily activities in total population of Indonesia, amounting to 266.91 education, communication, offices, and others. Using million people, of which 196.71 million people can information technology is arguably the best thing use the internet. based on an information system survey [1].

As for Indonesia itself, internet penetration is growing every year. It can be proven based on a survey

Internet user penet	% Penetration		
Total population of Indonesia	64.0%		
Total internet users in Indonesia	04.878		
Internet user penetration	% Penetration		
Total population of Indonesia	72 79/		
Total internet users in Indonesia	196.71 million	/3./%	

Table 1 Internet user penetration and user penetration percentage in Indonesia (Source: APJIII)

And according to the results of the survey Table 1.2 from APJIII, internet users grew 8.7% in the 2019-2020 period in Q2, the result of which exceeds the total population growth itself.

Table 2 Total	population	growth	compared to	o the gro	wth of inte	ernet users	(Source: 4	APJIII)
10010 2 10101	population	S' 0 11 11 1	comparea v		min of the	niet users	(50000000. 1	

Internet user penetration 201	Penetration	
Internet users	196.714.070,30	73.7% from total population
Total population	266.911.900	
Internet user growth	25.537.353,50	+8.9% comparing with 2018

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	is estimated that in	2021 it will be 28 billion.
	However based on th	a information when this article

Meanwhile, according to the survey in Table 1.3 conducted by APJIII as many as 95.4% of internet users almost use the internet every day. This can be proven by the results of a survey that has been released by APJIII.

Table 3 How often do respondents connect to the internet via smartphones or mobile phones (Source: APJIII)

Answer	Result
Daily	95.4%
Once a week	2.4%
Once a month	0.9%
Never	0.9%
No answer	0.1%
Don't know	0.2%

With the results of the survey Table 1.1, Table 1.2 and Table 1.3 conducted by APJII, it can be concluded that internet penetration in Indonesia is already very large, and with the large penetration it can be concluded that almost 95.4% of internet users use smartphones as a tool to connect to internet. Internet.

Internet of Things (IoT) is a technology that can connect objects such as computers, smartphones, electronic tablets (tablets), smart televisions, home devices with sensors, actuators, and software. This connectivity allows these devices to connect, communicate and exchange data through network The main reason why this research needs to be done infrastructure such as the Internet. Each device with a unique identity will be interconnected with other devices to build a new form of communication and network between people and people, between people and objects, and between objects and objects [2].

IoT is a technology consisting of techniques for receiving data from anywhere (sensors), communication technology (sensor networks, communication between devices to devices, communication between machines to machines), fog computing (IoT gates) and cloud computing (cloud) [3].

In [4], Mathilda Gian Ayu in her article entitled "The Development and Use of IoT in Indonesia", said that the development of the Internet of Things (IoT) in 2021 will be more numerous and widespread. Regarding the development of IoT, in 2014 it is estimated that 16 billion devices are connected, and it

However, based on the information when this article was written in September 2020, it has reached 31 billion devices.

Teguh Prasetya, General Chairperson of the Indonesian IoT Association (ASIOTI) [5], said that IoT devices will grow 5-6 million devices every year, which means that in 1 house there will be 5 smart devices.

However, there are very few users of smart home appliance devices in Indonesia, according to the Ministry of Industry [6] in its article entitled "IoT Technologies for Future Industrial Development Solutions" saying that there are around 400 million IoT sensor devices installed, 16% of which are in the industry. Manufacturing, 15% in the health sector, 11% in insurance, 10% in banking and securities, as well as in the retail, wholesale, computer repair sectors 8% and about 7% in government, 6% in transportation, 5% in utilities, and real estate and business services and agriculture with 4% each, and the remaining 3% for housing and so on, which can be concluded that 5% utilities and 3% housing with a total of 8% are tools for supporting IoT Smart homes which are indeed very few.

Furthermore, Gultom & Asvial [7] also argue that the level of adoption of smart home systems in Indonesia is still very low. Meanwhile, in Indonesia, there are several smart home service providers from Telkom Indonesia and MNC but in 2019, Telkom Indonesia itself can only reach 719 users.

is that there is still a low level of adoption of smart home systems in Indonesia. There are several research same as this research but they focus on the big city only, meanwhile, most Indonesian city is still far from modern city. Then according to [8] in his article entitled "6 shortcomings of smart home technology that you need to understand. It's not always easy, you know!" said that there is a large cost in installing a smart home system which is included in the (Perceived Cost), the required electrical power is quite large (Perceived Cost), different brands of different operating systems (Perceived Compatibility, Perceived Connectedness, Perceived Ease of Use), device dependence smart home to the internet (Perceived Control and Perceived Connectedness), the device has a risk of failure (bug) or technical failure caused by many things (Attitude, Perceived Enjoyment, Perceived Usefulness, Intention of Use, and Actual Use). From the problems above, several variables were taken that were used in this study.

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This research also does a literature review of related	l integrate people, processes and knowledge to gather
works to help the author develop the model and	l intelligence that can make good decisions [11].
hypothesis. However, these factors are still	
hypothetical and need to be studied further. Later, this	, Internet of Things (IoT) is a development of network
research is expected to insight and become a reference	e communication of interrelated objects, connected to
for the IoT smart home company and smart home	each other through internet communication and can

providers to improve their product, also the author exchange data which then turns it into expected this research can become a research information[12]. Internet of things is a technology reference about IoT smart home acceptance in that allows us to connect machines, equipment, and Indonesia and can enrich theory about technology other physical objects with network sensors and acceptance, especially about smart home IoT actuators to obtain data and process and be able to technology.

This research purposes an approach to evaluating which factor of IoT smart home adoption encourages The following are consumer-based IoT tools that IoT users to use IoT systems in their homes. The rest smart home users can use, according to [13] of this paper is organized as follows, in section II, we will discuss and review the literature related to the Smart TV, Smart appliances (Coffee maker, topic from previous research. Section III is explained refrigerator, Air conditioner, Bulb, Speaker, etc), the method used to do this research. Section IV Smart Sensor (IR blaster, Motion detector). consists of the results of the research. In Section V, we implicate the result with theoretical and practical implication aspects with previous research. Section VI is the conclusion of this research.

#### 2. LITERATURE REVIEW

#### 2.1 Internet Of Things

Internet of Things (IoT) is the latest communication between hardware that can be set through software model, where objects and equipment from everyday that can be adjusted according to the preferences of life will be equipped with technology to each user. According to [14] IoT devices are part of a communicate, and appropriate protocols that will larger home automation concept, which can include enable them to communicate with each other as well lighting, heating, air conditioning, media and security as with users, which is an integral part of the Internet systems. of Things (IoT). Internet. IoT can provide a unified communications infrastructure, and simple, and On the other hand, [15] said that Smart Home is the economic access to a number of public services, thereby unleashing potential synergies and increasing connected to the internet which in its use can be transparency for use [9].

The working concept of IoT itself is the use of according to [14], Smart Home devices can be physical goods that are given a wireless module so connected to one another into a device, where a that these physical goods can be connected to the system is installed into a device so that these devices internet, which will store all data in the cloud system can be connected to each other, with the connection to be collected as big data [10].

IoT will drive the development of several potentially large applications and the various data generated by 2.3 Related Work And Previous Research these objects to facilitate the use of old services as well as provide new services to citizens, companies, In Jordanian, [16] conduct a qualitative research to and public administrations, by enabling easy access understanding users acceptance of smart home using and interaction with a wide variety of devices. IoT TAM and SEM-PLS approach with result that trust, also describes a system architecture that integrates awareness, enjoyment, and perceived risks, with sensors, interfaces that will provide real-time awareness and significantly influence attitude towards smart homes

manage their own performance, making it possible for machines to collaborate with each other [11].

Smartphones, Smartwatch, Smart band, Smart lock,

#### 2.2 Smart Home

Smart home is a concept where a house can be integrated with IoT devices and technologies that are connected to each other through a connection that can be controlled by other hardware connected to a network. In addition, Smart Home can also carry out an activity without the need for physical interaction

definition of a home that uses tools that can be automatically controlled from anywhere with an internet connection. Here's how Smart Home, works between them, device making it easier for users to control Smart Home devices through these devices.

software, networks and appropriate perceived usefulness and perceived ease of use

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which, in turn, impact the intention to use smart homes.

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In another recent work at Finnish, a research conducted by [17] based on technology acceptance model, diffusion of innovation theory and consumer perceived innovativeness, pro- poses an integrated model and using SEM to validate the result come with result that compatibility, perceived usefulness and perceived ease of use are important determinants affecting the adoption of smart home technology, meanwhile perceived cost negatively impacts the intention to use.

Another work conducted by [7] using UTAUT2 and SEM to do analysis of Affecting Technology Adoption Factors for Smart Home Services in Jabodetabek, Indonesia with result that performance expectancy, effort expectancy, hedonic motivation, risk, trust, the attractiveness of alternatives, and behavioural intention.

And another recent work conducted by [18] using TAM to do research about adoption and acceptance of Smart Home Technology Products in bandung and • H3. The perceived usefulness of IoT technology in jabodetabek, Indonesia with result that indicated the a smart home environment significantly influences perceived system reliability, connectedness, and enjoyment of smart home products were positively linked to the user's intention •H4. Perceived ease of use of IoT technology in smart to use the products, although there was a negative home environments significantly influences attitudes correlation between the perceived cost and the towards technology. intention to use.

### 2.4 Hypothesis Development

#### 2.4.1 Technology Acceptance

Checking user acceptance of a new product or service is an important activity to do in order to achieve the The concept of TAM has been examined through success of a product or service in the market [19].

Likewise, [20] uses acceptance technology as a research model which indicates that Actual Usage was influenced by various reasons related to Based on several journal studies conducted [19] it was Behavioural Intention to Use, Attitude, Perceived Cost, Perceived Ease of Use, Perceived Usefulness.

[21] also argues that technology acceptance can have an effect and can explain the acceptance of use in using a technology or product. [22] also used • H6. The perceived enjoyment of IoT technology in technology acceptance on the influence of perceived the smart home significantly affects the perception of ease of use, perceived usefulness, attitudes towards the usefulness of the technology. use, behavioural intentions to use, and actual system use.



Figure 1. The Original TAM [23]

Based on several journal studies conducted by [19], then several hypotheses are taken that:

• H1. The attitude towards IoT technology in the smart home environment significantly influences the intention to use the technology.

· H2. The perceived usefulness of IoT technology in a smart home environment significantly influences the intention to use the technology.

compatibility, attitudes towards technology.

• H5. Perceived ease of use of IoT technology in smart home environments significantly affects perceptions of technology usability.

#### 2.4.2 Perceived Enjoyment

many studies. And one of the considerations in motivating users to accept technology is the perceived enjoyment in using a technology [19].

found to be insignificant, but according to [24] Perceived enjoyment through Perceived Usefulness was found to have a positive influence on motivation to desire to use, so several hypotheses were taken that:

#### 2.4.3 Perceived Connectedness

What is considered by smart home IoT users is the connection between smart devices and mobile

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phones, with a connected connection between	activities using IoT technology in a smart home
devices, users can feel comfort and convenience in	environment"
life which is one of the goals of smart devices [19].	
Based on several study journals conducted [19],	• H11. The perception of IoT technology control in the smart home environment significantly affects the
several hypotheses were taken that:	perception of the ease of use of the technology

 H7. The perceived connectedness of IoT technology in a smart home environment significantly affects the perceived usefulness of the technology.

 H8. The perceived connectedness of IoT technology in a smart home environment significantly affects the perceived ease of use of the technology.

#### 2.4.4 Perceived Compatibility

The concept of compatibility is one of the core players install, maintain, and operate IoT technology in a in increasing the perceived usefulness of a particular smart home environment [19]. From the results of application or system, especially in implementation it research conducted [17], [19], [18] it was found that requires the cost of switching and additional efforts there was a significant influence between Perceived from the old system to the new system must be Cost and Perceived Intention of Use so the authors minimized, compatibility is one of the main used this variable in the study. characteristics of IoT technology in the home smart [19]. In his research [19] found the results that Perceived Compatibility had an effect on Perceived in the smart home environment significantly Usefulness and Perceived Ease of Use. Likewise with [25] who found the results that Perceived Compatibility had an effect on Perceived Usefulness and Perceived Ease of Use. So, the author decided to include this variable.

 H9. The perceived compatibility of IoT technology in a smart home environment significantly affects the perceived usefulness of the technology.

 H10. Perceived compatibility of IoT technology in a smart home environment significantly affects perceived ease of use of the technology.

#### 2.4.5 Perceived Control

Perceived control is a user's perception of skills, abilities, resources, to easily understand and naturally use a particular system or service [19]. In his research [19], [26] found that Perceived Control had a positive effect on Perceived Ease of Use, so the author used this hypothesis.

According to [19] to develop successful services, manufacturers should do their best to provide their services with a useful user interface that allows users to maximize their control skills. Based on the definitions developed in previous research, the current study defines perceived control as "users' sense of how skilled they are "performing certain

#### 2.4.6 Perceived Cost

Price is one of the most significant barriers for those who will use IoT technology. This shows that users are likely to consider carefully about the benefits of a particular service or service that are greater than the previous costs, many are worried about the costs spent buying, using, and repairing components of a particular system or service or the costs spent buying,

• H12. The perception of the cost of IoT technology influences the intention to use the technology.

#### 2.4.7 Actual Use

The actual use (Actual Use) is a real condition of a system user using the system [23].

Users will be satisfied using the system or device if the user believes in the benefits and usability that the user will get when the user uses the system. The form of measurement of Actual Use is based on the frequency and duration of time in using the system or device, the measurement can also be based on the total time used by the user in using the system or smart device [27].

With the thought of the convenience obtained and the benefits obtained will be an encouragement to users to use existing devices or systems [21].

The form of measurement of Actual Use is based on the frequency and duration of time in using the system or device, the measurement can also be based on the total time used by the user in using the system or smart device [22].

• H13. Perceptions of how long and how often user interactions use IoT devices and IoT systems

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3. RESEARCH MODEL	Research conducted by [1	9] uses the TAM model as
3.1 Proposed Model	a reference where the resul Attitude greatly affect eas	ts of research conducted by se of use, while Perceived
	Cost makes users have to	think again when there is a

Based on the problem, literature review, preliminary desire to use Intention of Use. survey review of previous similar research, and the developed research model, the researcher conducted a Research Model based on Research conducted by [19]. The following research model used in this study as shown in Figure 2 below.

It can be seen in Figure 2 which is the result of the framework obtained from the Technology Acceptance Model (TAM) theory which was inspired by research conducted by [19].

In the framework created in Figure 2, Actual Use is added as an indicator of whether from the results obtained, whether the Intention of Use can make people use IoT devices or not.



Figure 2. Proposed model modified TAM

#### 3.2 Data Gathering

In this study, respondent data was obtained using the distribution method through online questionnaires using Google Forms media. The distribution of the questionnaire was carried out by distributing it through the Facebook, Telegram, and WhatsApp Group applications. The number of respondents obtained is 107 respondents, with 7 people not using IoT Smart Home devices. So that the total number of respondents obtained is reduced by the number of valid data of 100 people.

In this study there are 7 age classifications, namely under 17 years, 17-24 years, 25-32 years, 33-39 years, 40-47 years, 48-55 years, and above 56 years. it was found that respondents aged 25 - 32 years dominated the survey results with a total of 44 respondents or 41.1%. And in the 2nd position it was found that there According to [28] said that in the convergent validity

were 24 respondents aged 17 - 24 years or 22.4%, while in the 3rd position it was dominated by users aged 33 - 39 years as many as 15 respondents or 14%. In this survey it was also found that there were 10 users over 56 years old, 8 people aged 40-47 years old and 6 people aged 48-55 years old. From the results obtained, it can be concluded that users aged 17 - 32years or gen Z and millennials dominate the use of IoT Smart home due to their productive age and at that age the majority already have income.

#### 3.3 Validity And Reliability Testing

In this study, data processing was carried out using Smart PLS software version 3.3.9. The data is obtained from the results of a questionnaire with a Likert scale and has been adjusted to the data in the form of a CSV file so that the data can be processed by the Smart PLS software.

test the Loading Factor value must be 0.7 or it can be

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seen from the Average Variance Extracted (AVE)	reliability, all variables are called reliable, also
value. [29] also said that in the Average variance	according to [29] The generally accepted CR value
extracted (AVE) test, variables that have a value	must be 0.7 and above.
above 0.7 can be declared valid, but a correlation	
value between 0.5 and 0.6 is still acceptable.	4. RESULT AND ANALYISIS
Meanwhile according to [29] and [19] said that in the	

Average variance extracted (AVE) test variables that After all data is declared valid and reliable (based on have values above 0.7 can be declared valid, but the correlation value is between 0.5 and 0. ,6 is still acceptable. In the validity test, discriminant validity is also carried out using the Fornell-Larcker Criterion and Cross-Loading. In the Fornell-Larcker Criterion, the correlation value between variables and the correlation value between variables cannot be less than the correlation between these variables and other variables. Meanwhile, in the Cross-loading test, it displays data on the relationship between indicators and variables, the correlation value of the indicators of each variable must be the largest compared to the correlation of these indicators to other variables.

The reliability test was carried out in 2 ways, namely <sup>[26]</sup>. analysis with Cronbach's Alpha and Composite Reliability. [29] said that the measurement and assessment of Cronbach's alpha was divided into 4, namely below 0.60 in the not accepted category, 0.60 - 0.70 minimum, 0.70 - 0.80 in the good category, and 0.80-0.90 in the very good category. In the analysis of the data above, the results of the variables used are said to be good. In the analysis of composite

validity and reliability tests), then the data is processed to the next stage, namely hypothesis analysis. Hypothesis analysis in this study was carried out using the bootstrapping method using smart pls with a significance level of 5% or p-value <0.05 so that the data was considered significant [30].

In hypothesis testing, the first indicator is the Path Coefficient. The path coefficient can be between -1 to 1, where 0.1 to 1 indicates a perfect positive correlation, a value of 0 indicates no effect on the variable, a value between higher than -0.1 to lower than 0.1 is not a value. significant, and values between -0.1 and above -1 indicate the opposite correlation

In the bootstrap process, a subsample of 5000 will be taken, and the subsamples are observations taken at random from the original data set (with replacement). Each of these processed subsamples will then be used to estimate the PLS path model. This process will be repeated until many random subsamples have been generated (for example, 5,000) [29].







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Variable	Item	Loadings	Cronbach's Alpha	CR	AVE	
ATT	AU1	0.860	0.724	0.991	0.799	
	AU2	0.914	0.734	0.881	0.700	
	AT1	0.867				
AT	AT2	0.913	0.839	0.903	0.757	
	AT3	0.828				
	IU1	0.868				
	IU2	0.870				
IU	IU3	0.885	0.892	0.925	0.755	
	IU4	0.852				
	COM1	0.805				
	COM2	0.806				
COM	COM3	0.752	0.817	0.877	0.642	
	COM4	0.838				
	CON1	0.875		0.911		
CON	CON2	0.885	0.854		0.774	
	CON3	0.879				
	PCT1	0.817		0.852		
PCT	PCT2	0.873	0.740		0.659	
	PCT3	0.739				
	COS1	0.733				
COS	COS2	0.791	0.925	0.000	0.649	
COS	COS3	0.898	0.825	0.880	0.048	
	COS4	0.790				
	PEU1	0.853				
DELL	PEU2	0.769	0 000	0.872	0.633	
PEU	PEU3	0.836	0.808	0.8/3		
	PEU4	0.718				
	ENJ1	0.905		0.022		
ENI	ENJ2	0.872	0.000		0.749	
ENJ	ENJ3	0.845	0.889	0.922	0.748	
	ENJ4	0.836				
	PU1	0.800				
DII	PU2	0.903	0.800	0.020	0767	
FU	PU3	0.897	0.899	0.929	0.767	
	PU4	0.901				



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	Table 5 Fornell-Larcker Criterion Data result									
Variable A	AU	AT	IU	СОМ	CON	PCT	COS	PEU	ENJ	PU
AU	0.887									
AT (	0.431	0.870								
IU (	0.517	0.727	0.869							
COM	0.462	0.469	0.549	0.801						
CON	0.563	0.763	0.731	0.654	0.880					
PCT (	0.522	0.642	0.580	0.628	0.757	0.812				
COS (	0.349	0.274	0.454	0.231	0.301	0.334	0.805			
PEU (	0.628	0.651	0.691	0.526	0.688	0.702	0.483	0.796		
ENJ (	0.492	0.718	0.657	0.536	0.758	0.655	0.233	0.633	0.865	
PU (	0.603	0.715	0.770	0.574	0.772	0.733	0.326	0.732	0.669	0.876

#### Table 6 Hypothesis Test Result

Hypothesis	Path	path coefficient	P Values	Result
H1	AT -> IU	0.344	0.000	Significant
H2	PU -> IU	0.454	0.000	Significant
Н3	PU -> AT	0.513	0.000	Significant
H4	PEU -> AT	0.276	0.024	Significant
Н5	PEU -> PU	0.350	0.000	Significant
H6	ENJ -> PU	0.097	0.420	Not Significant
H7	CON -> PU	0.414	0.000	Significant
H8	CON -> PEU	0.352	0.000	Significant
Н9	COM -> PU	0.067	0.383	Not Significant
H10	COM -> PEU	0.037	0.703	Not Significant
H11	PCT-> PEU	0.412	0.000	Significant
H12	COS -> IU	0.212	0.000	Significant
H13	IU -> AU	0.517	0.000	Significant

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5. DISCUSSION AND IMPLICATION	Smart home devices	were not affected by Perceived

#### 5.1 Theoretical Implication

This research is supported by the concept of TAM theory in what factors affect the acceptance of IoT Smart Homes. Based on the results of the analysis obtained from the data, it can be concluded that this value of 0.000 and a beta value of 0.513. This shows study supports mainly the findings in previous studies related.

There are only 3 hypotheses that do not support, namely enjoyment has no significant effect on This shows that IoT Smart Home users in Attitude perceived usefulness, compatibility has no significant effect on perceived usefulness, and compatibility has no significant effect on perceived ease of use.

These results show that some variables are not the same as the research conducted by Park [19] and Ferdhany [18].

Attitude (AT) influences Intention of Use (IU). Based on the results of hypothesis testing using the bootstrapping method, the relationship between attitude (AT) and intention of use (IU) has a P-value of 0.000 and a beta value of 0.344. This shows that P-value of 0.024 and a beta value of 0.276. This attitude (AT) affects the intention of use (IU), so it can be said that the H1 hypothesis is accepted.

This shows that IoT Smart Home users in wanting to use IoT Smart home devices are strongly influenced by attitude (AT). This is in accordance with the TAM theory by Davis [23], and the same as the results of several studies including [26], [22], [19], [18], [16], [31] and [32] who found that attitude (AT) results had an effect on intention of use (IU).

Perceived Usefulness (PU) influences Intention of Use (IU). Based on the results of hypothesis testing using the bootstrapping method, the relationship between Perceived Usefulness (PU) and intention of use (IU) has a P-value of 0.000 and a beta value of 0.454. This shows that Perceived Usefulness (PU) influences the intention of use (IU), so it can be said that the H2 hypothesis is accepted.

This shows that IoT Smart Home users in the Intention of Use (IU) of IoT Smart home devices are influenced by Perceived Usefulness (PU). This is in accordance with the TAM theory by Davis [23] and the same as the results of several studies including [19], [18], [16], [33], [17] who get the results that the Intention of Use (IU) of IoT Smart home devices is influenced by Perceived Usefulness (PU), but in research conducted by [32] and [21] found that IoT Smart Home users in the Intention of Use (IU) of IoT

Usefulness (PU).

Perceived Usefulness (PU) influences Attitude (AT). Based on the results of hypothesis testing using the bootstrapping method, the relationship between Perceived Usefulness (PU) and Attitude (AT) has a Pthat Perceived Usefulness (PU) influences Attitude (AT), so it can be said that the H3 hypothesis is accepted.

(AT) using IoT Smart home devices are strongly influenced by Perceived Usefulness (PU). This is in accordance with the TAM theory by Davis [23] and the same as the results of several studies including [26], [22], [19], [18], [16], [31] and [32] who found that Perceived Usefulness (PU) influenced Attitude (AT).

Perceived Ease of Use (PEU) influences Attitude (AT). Based on the results of hypothesis testing using the bootstrapping method, the relationship between Perceived Ease of Use (PEU) and Attitude (AT) has a shows that the Perceived Ease of Use (PEU) influences Attitude (AT), so it can be said that the H4 hypothesis is accepted.

This shows that IoT Smart Home users in Attitude (AT) using IoT Smart home devices are strongly influenced by Perceived Ease of Use (PEU). This is in accordance with the TAM theory by Davis [23] and the same as the results of several studies including [26], [22], [19], [18], [16], [31] who found the results of Perceived Ease of Use (PEU) to have an effect on Attitude (AT), but in research conducted by [32] found that IoT Smart Home users in Attitude (AT) IoT Smart home devices are not affected by Perceived Ease of Use (PEU).

Perceived Ease of Use (PEU) influences Perceived Usefulness (PU). Based on the results of hypothesis testing using the bootstrapping method, the relationship between Perceived Ease of Use (PEU) and Perceived Usefulness (PU) has a P-value of 0.000 and a beta value of 0.350. This shows that the Perceived Ease of Use (PEU) influences the Perceived Usefulness (PU), so it can be said that the H5 hypothesis is accepted.

This shows that IoT Smart Home users in Perceived Usefulness (PU) use of IoT Smart home devices are influenced by Perceived Ease of Use (PEU). This is in accordance with the TAM theory by Davis [23],

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and is the same as the results of several studies including [19], [18], [16], [17], [31] and [32] who found the results of Perceived Ease of Use (PEU) influenced Perceived Usefulness (PU).	Connectedness (CON) influences Perceived Ease of Use (PEU), but in research conducted by [18] it is stated that Perceived Connectedness (CON) has no effect on Perceived Ease of Use (PEU).
Perceived Enjoyment (ENJ) influences Perceived Usefulness (PU). Based on the results of hypothesis testing using the bootstrapping method, the relationship between Perceived Enjoyment (ENJ) and Perceived Usefulness (PU) has a P-value of 0.097 and a beta value of 0.420. This shows that Perceived Enjoyment (ENJ) has no effect on Perceived Usefulness (PU), so it can be said that hypothesis H6 is not accepted.	Perceived Compatibility (COM) influences Perceived Usefulness (PU). Based on the results of hypothesis testing using the bootstrapping method, the relationship between Perceived Compatibility (COM) and Perceived Usefulness (PU) has a P-value of 0.383 and a beta value of 0.067. This shows that Perceived Compatibility (COM) has no effect on Perceived Usefulness (PU), so it can be said that the H9 hypothesis is not accepted.
This shows that IoT Smart Home users in Perceived Usefulness (PU) use of IoT Smart home devices are not influenced by Perceived Enjoyment (ENJ). This is in accordance with the results of research from [19] which says that Perceived Enjoyment (ENJ) has no effect on Perceived Usefulness (PU), but the research conducted by [18] states that Perceived Enjoyment	This shows that IoT Smart Home users in Perceived Usefulness (PU) use of IoT Smart home devices are not affected by Perceived Compatibility (COM). This is not in accordance with the results of research from [19], [26], [18], and [17] which say that Perceived Compatibility affects Perceived Usefulness.
affect the Perceived Usefulness (PU). Perceived Connectedness (CON) influences Perceived Usefulness (PU). Based on the results of hypothesis testing using the bootstrapping method, the relationship between Perceived Connectedness (CON) and Perceived Usefulness (PU) has a P-value of 0.000 and a beta value of 0.414. This shows that Perceived Connectedness (CON) influences Deresived Usefulness (PU) as it can be said that the	Perceived Compatibility (COM) influences Perceived Ease of Use (PEU). Based on the results of hypothesis testing using the bootstrapping method, the relationship between Perceived Compatibility (COM) and Perceived Ease of Use (PEU) has a P-value of 0.703 and a beta value of 0.037. This shows that Perceived Compatibility (COM) has no effect on Perceived Ease of Use (PEU), so it can be said that the H10 hypothesis is not accepted.
This shows that IoT Smart Home users in Perceived Usefulness (PU) use of IoT Smart home devices are influenced by Perceived Connectedness (CON). This is in accordance with the results of research from [19] and [18] which say that Perceived Connectedness (CON) influences Perceived Usefulness (PU).	This shows that IoT Smart Home users in their Perceived Ease of Use (PEU) use of IoT Smart home devices are not affected by Perceived Compatibility (COM). This is not in accordance with the results of research from [19], [26], and [17] which say that Perceived Compatibility affects Perceived Usefulness, but in research conducted by [18] states that Perceived Compatibility has no effect on Perceived Ease of Use.
Perceived Ease of Use (PEU). Based on the results of hypothesis testing using the bootstrapping method, the relationship between Perceived Connectedness (CON) and Perceived Ease of Use (PEU) has a P- value of 0.000 and a beta value of 0.352. This shows that Perceived Connectedness (CON) influences Perceived Ease of Use (PEU), so it can be said that the H8 hypothesis is accepted.	Perceived Control (PCT) influences Perceived Ease of Use (PEU). Based on the results of hypothesis testing using the bootstrapping method, the relationship between Perceived Control (PCT) and Perceived Ease of Use (PEU) has a P-value of 0.000 and a beta value of 0.412. This shows that Perceived Control (PCT) influences Perceived Ease of Use (PEU), so it can be said that the H11 hypothesis is accepted.
This shows that IoT Smart Home users in their	

Perceived Ease of Use (PEU) use of IoT Smart home This shows that IoT Smart Home users in their devices are influenced by Perceived Connectedness Perceived Ease of Use (PEU) use of IoT Smart home (CON). This is in accordance with the results of devices are influenced by Perceived Control (PCT). research from [19] which says that Perceived This is in accordance with the results of research from

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[19] and [18] which say that Perceived Control (PCT	) help users in making decisions about using IoT Smart
influences Perceived Ease of Use (PEU).	Homes.

Perceived Cost (COS) influences Intention of Use It can also help IoT Smart home device providers to (IU). Based on the results of hypothesis testing using innovate to pay more attention to what factors are the bootstrapping method, the relationship between perceived by IoT Smart Home software and hardware Perceived Cost (COS) and Intention of Use (IU) has users, create software and hardware innovations to be a P-value of 0.000 and a beta value of 0.212. This more accepted by IoT Smart Home users, and if shows that the Perceived Cost (COS) influences the allows to create a universal system where all IoT Intention of Use (IU), so it can be said that the H12 Smart Home devices can be connected and can be hypothesis is accepted.

This shows that IoT Smart Home users in their This paper can be useful for smart home service Intention of Use (IU) use of IoT Smart home devices providers so that this research can provide knowledge are affected by Perceived Cost (COS). This is in about smart home acceptance in the community and accordance with the results of research from [19], smart home service providers can adjust the devices, [26], [18], [17] which said that Perceived Cost (COS) systems and needs of smart home users. had an effect on Intention of Use (IU). ), but in research conducted by [7] and [32] it is stated that And finally for researchers, hopefully this research Perceived Cost (COS) has no effect on Intention of can be a reference for research on the acceptance of Use (IU).

Intention of Use (IU) influences Actual Use (AU). acceptance of IoT smart home technology in Based on the results of hypothesis testing using the Indonesia. bootstrapping method, the relationship between Intention of Use (IU) and Actual Use (AU) has a P- 5.3 Limitation And Further Research value of 0.000 and a beta value of 0.517. This shows that the Intention of Use (IU) influences Actual Use (AU), so it can be said that the H13 hypothesis is factors influence the acceptance of IoT Smart home, accepted.

(AU) using IoT Smart home devices are affected by perceived connectedness, attitude, intention of use, Intention of Use (IU). This is in accordance with the and actual use in the use of IoT Smart Home. TAM theory by Davis [23]. This is in accordance with the results of research from [26], [22], and [21] which say that Intention of Use affects Actual Use.

#### 5.2 Practical Implication

This study aims to determine the acceptance of appropriateness, perceived usefulness, perceived ease technology based on the factors that influence the of use, perceived enjoyment, perceived control, acceptance of IoT smart home in Indonesia between perceived connectedness, attitudes, use intentions, the desire to use, perceived benefits and knowing the and actual use, excluding other possibilities about impact of acceptance of IoT smart home that is felt by behaviour. and Attitudes towards systems such as users.

Which perceived includes perceived cost, compatibility, perceived usefulness, perceived ease of Therefore, this research can be continued in the future use, perceived enjoyment, perceived control, by conducting qualitative research with IoT Smart perceived connectedness, attitude, intention of use, Home users and strengthening the model by and actual use in the use of IoT Smart Home.

So, hopefully this research will help users to see what relevant variables based on the latest literature and benefits other users feel in using IoT smart homes and research models.

controlled in 1 application.

IoT Smart Homes and can enrich theories about technology acceptance, especially regarding the

In this study, research was conducted to find out what which include Perceived cost, perceived compatibility, perceived usefulness, perceived ease of This shows that IoT Smart Home users in Actual Use use, perceived enjoyment, perceived control,

> Following are some of the limitations given below; First, there are limitations of users and answers because this type of research is a quantitative research based on a questionnaire. Second, the research focuses only on perceived cost, perceived cognitive styles, subjective norms and more in the proposed model.

> incorporating possible behaviours and attitudes towards the system such as subjective norms of other

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6.	CONCLUSION		-iot-bakal-tumbuh-di-2022.html (accessed Mar. 29, 2022)
This users IoT Then theo mod squa whic	study aims to determine what factors influence s in using IoT Smart home because the number of Smart home users is not many in Indonesia. refore, this research was conducted using TAM ry with the addition of external variables. The el and data obtained were tested by partial least res - structural equation modelling (PLS-SEM), ch also tested the inner and outer models using rtPLS software	[6] [7]	<ul> <li>Kemenperin, "Teknologi IoT Solusi Pengembangan Industri Masa Depan," 2018. https://kemenperin.go.id/artikel/19902/Teknolo gi-IoT-Solusi-Pengembangan-Industri-Masa- Depan.</li> <li>R. N. Gultom and M. Asvial, "Analysis of Affecting Technology Adoption Factors for Smart Home Services in Jabodetabek, Industria," Proc. 2020. htt Spring Intelligence</li> </ul>
Sma This and of I rease compuse, perc and The is th perc conr	research was conducted using a survey method 100 respondents who showed that the actual use oT Smart Homes was influenced by various ons related to Perceived cost, perceived patibility, perceived usefulness, perceived ease of perceived enjoyment, perceived control, eived connectedness, attitude, intention of use, actual use in the use. conclusion that can be drawn from this research hat the perceived cost, perceived usefulness, eived ease of use, perceived control, perceived nectedness, attitude, intention of use, and actual	[8]	Indonesia," Proc 2020 Int. Semin. Intell. Technol. Its Appl. Humanification Reliab. Intell. Syst. ISITIA 2020, pp. 326–331, 2020, doi: 10.1109/ISITIA49792.2020.9163664. Hanifah, "6 Kekurangan Teknologi Smart Home Yang Perlu Kamu Pahami. Tidak Selamanya Memudahkan, Lo!," 2021. https://www.99.co/blog/indonesia/kekurangan- teknologi-smart-home/. A. Zanella, N. Bui, A. Castellani, L. Vangelista, and M. Zorzi, "Internet of things for smart cities," IEEE Internet Things J., vol. 1, no. 1, pp. 22–32, Feb. 2014, doi: 10.1109/JIOT.2014.2306328.
use i the a islan	in the use mostly have a significant influence on actual use of IoT Smart home. on the Indonesian d of Java.	[10]	Y. O. Sihombing, "Internet of Things: Solusi Digital Dalam Satu Genggaman," 2021. https://www.digitalbisa.id/artikel/internet-of- things-solusi-digital-dalam-satu-genggaman- NHDNB
KEF	(EKENCES:	[11]	R. R. Harmon, E. G. Castro-Leon, and S. Bhide,
[1]	V. Venkatesh, J. Y. L. Thong, and X. Xu, "Consumer Acceptance and Use of Information Technology," <i>MIS Q.</i> , vol. 36, no. 1, pp. 157– 178, 2012, [Online]. Available: http://papers.srn.com/sol3/papers.cfm?abstract _id=2002388.	[12]	"Smart cities and the Internet of Things," in Portland International Conference on Management of Engineering and Technology, Sep. 2015, vol. 2015-September, pp. 485–494, doi: 10.1109/PICMET.2015.7273174. B. Artono and F. Susanto, "Wireless Smart
[2]	G. Kortuem, F. Kawsar, V. Sundramoorthy, and D. Fitton, "Smart objects as building blocks for the internet of things," <i>IEEE Internet Comput.</i> , vol. 14, no. 1, pp. 44–51, 2010, doi: 10.1109/MIC.2009.143.	[13]	Home System Menggunakan Internet Of Things," <i>J. Teknol. Inf. dan Terap.</i> , vol. 5, no. 1, pp. 17–24, Apr. 2019, doi: 10.25047/jtit.v5i1.74. A. R. Al-Ali, "Internet of Things Role in the

[3] L. Ungurean and A. Brezulianu, "An internet of things framework for remote monitoring of the healthcare parameters," Adv. Electr. Comput. Eng., vol. 17, no. 2, pp. 11-16, 2017, doi: [14] W. M. Kang, S. Y. Moon, and J. H. Park, "An 10.4316/AECE.2017.02002.

- Mathilda Gian Ayu, "Perkembangan dan [4] Penggunaan IoT di Indonesia Tahun 2021 Meningkat," Diprediksi angan-dan-penggunaan-iot-di-indonesia, Oct. 17, 2020. .
- [5] Merdeka, "Perangkat IoT Bakal Tumbuh di 2022," 2022. https://www.merdeka.com/teknologi/perangkat

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- ısi 8. lo
- of òr ek. ell. ll. oi:
- art ak 1. 1-
- ta, art p. oi:
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- le, in on ŗy, 94,
- art Ͻf 1, oi:
- he Renewable Energy Resources," in Energy Procedia, Nov. 2016, vol. 100, pp. 34-38, doi: 10.1016/j.egypro.2016.10.144.
- enhanced security framework for home appliances in smart home," Human-centric Comput. Inf. Sci., vol. 7, no. 1, Dec. 2017, doi: 10.1186/s13673-017-0087-4.
- https://www.cloudcomputing.id/berita/perkemb [15] F. Gazzawe and R. Lock, "Smart Home: Devices, applications and their potential benefits and challenges," Advances in Intelligent Systems and Computing, 2019. https://www.investopedia.com/terms/s/smarthome.asp.



<ul> <li>[16] A. Shuhaiber and I. Mashal, "Understanding [27] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Analisis Atas Prateck TAM Dalam Memafiatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[17] S. Nikou, "Factors driving the adoption of smart home technology: An empirical assessment," [28] P. Putra, "Analisia faktor-faktor yang <i>Telemat. Informatics</i>, vol. 45, no. September, p. 101283, 2019, doi: 10.1016/j.tele.2019.101283.</li> <li>[18] F. R. Ferdhany and L. Aldianto, "Adoption and 2018, 2019, doi: 10.1016/j.tele.2019.101283.</li> <li>[18] F. R. Ferdhany and L. Aldianto, "Adoption and 2018, 2019, doi: 10.1016/j.tele.2019.101283.</li> <li>[18] F. R. Ferdhany and L. Aldianto, "Adoption and 2020, [Online]. Available: http://myins.moc.gov.my/index.php/ajrbm.</li> <li>[19] E. Park, Y. Cho, J. Han, and S. J. Kwon, "Comprehensive Approaches to User Acceptance of Internet of Things in a Smart Home Environment," vol. 462, no. c, pp. 1-10, 2017, doi: 10.1109/IDT.2017.2750765.</li> <li>[10] T. F. Indriasari, "Front page analyzing factors media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaa e-learning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik</i>, vol. 6, no. 2, pp. 127–136, 2019, doi:</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaa e-learning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik</i>, vol. 6, no. 2, pp. 127–136, 2019, doi:</li> <li>[22] C. Bertagnolli, "Delle vicende dell'agricoltura Ital. Studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli, "Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli, "Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli, "Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli, "Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli, "Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli, "Delle vicende dell'agricoltura Ital. Stud. e note d</li></ul>	ISSN	1: 1992-8645 <u>www</u>	.jatit.c	E-ISSN: 1817-3195
<ul> <li>users' acceptance of smart homes," <i>Technol.</i> Soc., vol. 58, 2019, doi: 10.1016/j.techsoc.2019.01.03.</li> <li>[17] S. Nikou, "Factors driving the adoption of smart home technology: An empirical assessment," <i>Telemat. Informatics</i>, vol. 45, no. September, p. 101283, 2019, doi: 10.1016/j.tele.2019.101283.</li> <li>[18] F. R. Ferdhany and L. Aldianto, "Adoption and Acceptance of Smart Home Technology Products for Millennials in Indonesia," <i>Asian J. Res. Bus. Manag.</i>, vol. 2, no. 2, pp. 154-164, 2020, [Online]. Available: http://myjms.moe.gov.my/index.php/ajrbm.</li> <li>[19] E. Park, Y. Cho, J. Han, and S. J. Kwon, "Comprehensive Approaches to User Acceptance of Internet of Things in a Smart Home Environment," vol. 4662, no. c, pp. 1–10, 2017, doi: 10.1109/IJOT.2017.2750765.</li> <li>[20] T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunan e-learning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 26, no. 2, pp. 127-136, 2019, doi: 10.21831/jipv.6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis online. Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura Ital. Stud. e note di Berioyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online], Available: http://journals.ums.ac.id/index.php/benefit/Martic</li> </ul>	[16]	A. Shuhaiber and I. Mashal, "Understanding	[27]	A. A. Hanggono, S. R. Handayani, and H.
<ul> <li>Soc., vol. 58, 2019, doi: 10.1016/j.techsoc.2019.01.003.</li> <li>Karther M. S. September, p. 101283, 2019, doi: 10.1016/j.tele.2019.101283.</li> <li>F. R. Ferdhany and L. Aldianto, "Adoption and Acceptance of Smart Home Technology Products for Millennials in Indonesia," <i>Astan</i>.</li> <li>F. R. Ferdhany and L. Aldianto, "Adoption and <i>Res. Bus. Manag.</i>, vol. 2, no. 2, pp. 154–164, 2020, [Online]. Available: http://myims.moe.gov.my/index.php/apitbm.</li> <li>F. Park, Y. Cho, J. Han, and S. J. Kwon, "Comprehensive Approaches to User Acceptance of Internet of Things in a Smart Home Environment," vol. 4662, no. c, pp. 1–10, 2017, doi: 10.1109/JIOT.2017.2750765.</li> <li>T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>R. N. Rahmawati and I. M. Narsa, "Penggunan e-learning dengan Technology Acceptance Model (TAM)," <i>J. Invo. Teknol. Pendidik</i>, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis, Online (22) A. A. Hanggono, S. R. Handayani, and in Italia; studio e note di C. Bertagnolli, "Delle vicende dell' agricoltura in Italia; studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura ital. Stud. e note di Brijoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dam Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/atric<!--</td--><td></td><td>users' acceptance of smart homes," Technol.</td><td></td><td>Susilo, "Analisis Atas Praktek TAM Dalam</td></li></ul>		users' acceptance of smart homes," Technol.		Susilo, "Analisis Atas Praktek TAM Dalam
<ul> <li>10.1016/j.techsoc.2019.01.003.</li> <li>[17] S. Nikou, "Factors driving the adoption of smart home technology: An empirical assessment," [28] P. Putra, "Analisa faktor-faktor yang mempengaruhi loyalitas pengguna uang elektronik berbasis server di indonesia," 2020.</li> <li>[18] F. R. Ferdhany and L. Aldianto, "Adoption and [29] S. Dakduk, Å. González, and A. Portalanza, "Learn About Structural Equation Modeling in SmartPLS With Data From the Customer Behavior in Electronic Commerce Study in Ecuador (2017)," Learn About Struct. Equ. Model. SmartPLS With Data From the Customer Behavior in Electronic Commerce Study in Ecuador (2017)," Learn About Struct. Equ. Model. SmartPLS With Data From Cust. Behavior, and S. J. Kwon, "Comprehensive Approaches to User Acceptance of Internet of Things in a Smart [30] J. F. Hair, J. J. Risher, M. Sarstedt, and C. M. Ringle, "When to use and how to report the results of PLS-SEM," Eur. Bus. Rev., vol. 31, no. 1, pp. 2–24, 2019, doi: 10.1108/EBR-11-2018-0203.</li> <li>[21] A. N. Rahmawati and I. M. Narsa, "Penggunan e-learning dengan Technology Acceptance Model (TAM)," J. Inov. Teknol. Pendidik, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Org.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli,," Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli,," Delle vicende dell'agricoltura in Italis, trudic e note di C. Bertagnolli, "Delle vicende dell'agricoltura in Italis, studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura in Italis, studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura in Italis, studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura in Italis, studio e note di C. Bertagnolli, "Delle vicende dell'agricoltura in Italis, studio e note di C. Bertagnolli, "Delle vicende d</li></ul>		Soc., vol. 58, 2019, doi:		Mendukung Bisnis Online Dengan
<ul> <li>[17] S. Nikou, "Factors driving the adoption of smart home technology: An empirical assessment," [28] P. Putra, "Analisa faktor-faktor yang mempengaruhi loyalitas pengguna uang elektronik berbasis server di indonesia," 2020.</li> <li>[18] F. R. Ferdhany and L. Aldianto, "Adoption and [29] S. Dakduk, Å. González, and A. Portalanza, "Learn About Structural Equation Modeling in SmartPLS With Data From the Customer Behavior in Electronic Commerce Study in Ecuador (2017)," Learn About Structural Equation Modeling in SmartPLS With Data From the Customer Behavior in Electronic Commerce Study in Ecuador (2017)," Learn About Struct. Equ. Model. SmartPLS With Data From Cust. Behavior in Electron. Commer. Study Ecuador, no. 2017, "Comprehensive Approaches to User Acceptance of Internet of Things in a Smart [30] T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-elearning dengan Technology Acceptance Model (TAM)," J. Inov. Teknol. Pendidik, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," J. Adm. Bisnis, vol. 22, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell 'agricoltura Ial. Stud. e note di C. Bertagnolli, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.3992/blh.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefif/artic</li> </ul>	F 1 77 1	10.1016/j.techsoc.2019.01.003.		Memanfaatkan," J. Adm. Bisnis, vol. 26, no. 1,
<ul> <li>Inome technology: An empirical assessment, [28] P. Putra, "Anaiusa faktor-faktor yang mempengaruhi loyalitas pengguna uang elektronik berbasis server di indonesia," 2020.</li> <li>[18] F. R. Ferdhany and L. Aldianto, "Adoption and Acceptance of Smart Home Technology Products for Millennials in Indonesia," <i>Asian J. Res. Bus. Manag.</i>, vol. 2, no. 2, pp. 154-164, 2020, [Online]. Available: http://myims.moe.gov.my/index.php/ajrbm.</li> <li>[19] E. Park, Y. Cho, J. Han, and S. J. Kwon, "Comprehensive Approaches to User Acceptance of Internet of Things in a Smart 130 (2017)," <i>Learn About Struct. Equ. Model. SmartPLS With Data From Cust. Behav. Electron. Commer. Study Ecuador</i>, no. 2017, 2019, doi: 10.4135/7918126498205.</li> <li>[20] T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as far media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunan elearming dengan Technology Acceptance Model to Approach the Behavioral Intention of Smart Home Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Og, 6, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia, studio e note di C. Bertagnolli, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefil/artic</li> </ul>	[[7]	S. Nikou, "Factors driving the adoption of smart	<b>12</b> 01	pp. 1–9, 2016.
<ul> <li>The pengarum in oparitals pengguna uang elektronik berbasis server di indonesia," 2020.</li> <li>F. R. Ferdhany and L. Aldianto, "Adoption and Acceptance of Smart Home Technology Products for Millennials in Indonesia," <i>Asian J. Res. Bus. Manag.</i>, vol. 2, no. 2, pp. 154–164, 2020. [Online]. Available: http://myims.moc.gov.my/index.php/ajrbm.</li> <li>E. Park, Y. Cho, J. Han, and S. J. Kwon, "Comprehensive Approaches to User Acceptance of Internet of Things in a Smart Home Environment," vol. 4662, no. c, pp. 1–10, 2017, doi: 10.1109/JIOT.2017.2750765.</li> <li>T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>R. N. Rahmawati and I. M. Narsa, "Penggunan elearning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 26, no. 1, pp. 12–7–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>C. Bertagnolli, "Delle vicende dell'agricoltura in Italis; studio e note di C. Bertagnolli, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>		home technology: An empirical assessment,"	[28]	P. Putra, "Analisa faktor-faktor yang
<ul> <li>[18] F. R. Ferdhany and L. Aldianto, "Adoption and [29] S. Dakholi, A. González, and A. Portalanza, "Learn About Structural Equation Modeling in SmartPLS With Data From the Customer Behavior in Electronic Commerce Study in Ecuador (2017)," Learn About Struct. Equ. Model. SmartPLS With Data From Cust. Behav. Electron. Commerce Study Ecuador, no. 2017, 2019, doi: 10.4135/9781526498205.</li> <li>[20] T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-learning dengan Technology Acceptance Model (TAM)," J. Inov. Teknol. Pendidik, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v612.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," J. Adm. Bisnis, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli,," Delle vicende dell'agricoltura tal. Stud. e note di C. Bertagnolli, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.3991/ijim.v13i12.11083.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj, dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>		101283 2010 doi: 10.1016/j.tale.2010.101283		elektronik berbasis server di indonesia "2020
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<ul> <li>Products for Millennials in Indonesia," Asian J. Res. Bus. Manag., vol. 2, no. 2, pp. 154–164, 2020, [Online]. Available: http://myims.moe.gov.my/index.php/ajrbm.</li> <li>[19] E. Park, Y. Cho, J. Han, and S. J. Kwon, "Comprehensive Approaches to User Acceptance of Internet of Things in a Smart [30] J. F. Hair, J. J. Risher, M. Sarstedt, and C. M. Home Environment," vol. 4662, no. e, pp. 1–10, 2017, doi: 10.1109/IIOT.2017.2750765.</li> <li>[20] T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-learning dengan Technology Acceptance Model (TAM)," J. Inov. Teknol. Pendidik., vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," J. Adm. Bisnis, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli," Delle vicende dell 'agricoltura tal. Stud. e note di C. Bertagnolli, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>	[10]	Acceptance of Smart Home Technology	[2)]	"Learn About Structural Equation Modeling in
<ul> <li>Res. Bus. Manag., vol. 2, no. 2, pp. 154–164, 2020, [Online]. Available: http://myims.moe.gov.my/index.php/ajrbm.</li> <li>[19] E. Park, Y. Cho, J. Han, and S. J. Kwon, "Comprehensive Approaches to User Acceptance of Internet of Things in a Smart Home Environment," vol. 4662, no. c, pp. 1–10, 2017, doi: 10.1109/JIOT.2017.2750765.</li> <li>[20] T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-learning dengan Technology Acceptance Model (TAM)," J. Inov. Teknol. Pendidik, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jipt.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," J. Adm. Bisnis, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli,, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.3992/bil.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>		Products for Millennials in Indonesia," Asian J.		SmartPLS With Data From the Customer
<ul> <li>2020, [Online]. Available: http://myjms.moe.gov.my/index.php/ajrbm.</li> <li>[19] E. Park, Y. Cho, J. Han, and S. J. Kwon, "Comprehensive Approaches to User Acceptance of Internet of Things in a Smart Home Environment," vol. 4662, no. c, pp. 1–10, 2017, doi: 10.1109/JIOT.2017.2750765.</li> <li>[20] T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-learning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik</i>, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli,," <i>Delle</i> vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli, u, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>		Res. Bus. Manag., vol. 2, no. 2, pp. 154-164,		Behavior in Electronic Commerce Study in
<ul> <li>http://myjms.moe.gov.my/index.php/ajrbm.</li> <li>[19] E. Park, Y. Cho, J. Han, and S. J. Kwon, "Comprehensive Approaches to User Acceptance of Internet of Things in a Smart Home Environment," vol. 4662, no. c, pp. 1–10, 2017, doi: 10.1109/JIOT.2017.2750765.</li> <li>[20] T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-learning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli,," Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>		2020, [Online]. Available:		Ecuador (2017)," Learn About Struct. Equ.
<ul> <li>[19] E. Park, Y. Cho, J. Han, and S. J. Kwon, "Comprehensive Approaches to User Acceptance of Internet of Things in a Smart Home Environment," vol. 4662, no. c, pp. 1–10, 2017, doi: 10.1109/JIOT.2017.2750765.</li> <li>[20] T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-learning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jttp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia, studio e note di C. Bertagnolli,," Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>		http://myjms.moe.gov.my/index.php/ajrbm.		Model. SmartPLS With Data From Cust. Behav.
<ul> <li>"Comprehensive Approaches to User Acceptance of Internet of Things in a Smart Home Environment," vol. 4662, no. c, pp. 1–10, 2017. doi: 10.1109/JIOT.2017.2750765.</li> <li>[20] T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-learning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura Ial. Stud. e note di C. Bertagnolli,, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>2019, doi: 10.4135/9781526498205.</li> <li>2019, doi: 10.4135/9781526498205.</li> <li>2017, doi: 10.4135/9781526498205.</li> <li>2018, doi: 10.4135/9781526498205.</li> <li>2018, doi: 10.4135/9781526498205.</li> <li>2019, doi: 10.3991/ijim.v13i12.11083.</li> </ul>	[19]	E. Park, Y. Cho, J. Han, and S. J. Kwon,		Electron. Commer. Study Ecuador, no. 2017,
<ul> <li>Acceptance of Internet of Things in a Smart [30] J. F. Hair, J. J. Risher, M. Sarstedt, and C. M. Ringle, "When to use and how to report the 2017, doi: 10.1109/JIOT.2750765.</li> <li>[20] T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-learning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.2632.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura fin Italia; studio e note di C. Bertagnolli., vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>[25] C. Bertagnolli, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[26] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>		"Comprehensive Approaches to User		2019, doi: 10.4135/9781526498205.
<ul> <li>Home Environment, "vol. 4662, no. c, pp. 1–10, 2017, doi: 10.1109/JIOT.2017.2750765.</li> <li>[20] T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-learning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli.," Delle vicende dell'agricoltura <i>ital. Stud. e note di C. Bertagnolli.</i>, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>		Acceptance of Internet of Things in a Smart	[30]	J. F. Hair, J. J. Risher, M. Sarstedt, and C. M.
<ul> <li>2017, doi: 10.1109/JIO1.2017.2750765.</li> <li>[20] T. F. Indriasari, "Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-learning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Memanfaatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli.," <i>Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli.</i>, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>results of PLS-SEM," <i>Eur. Bus. Rev.</i>, vol. 31, no. 19, pp. 2–24, 2019, doi: 10.1108/EBR-11-2018-0203.</li> <li>[31] AC. Liu and TY. Chou, "An Integrated Technology Acceptance Model to Approach the Behavioral Intention of Smart Home Appliance," <i>Int. J. Organ. Innov.</i>, vol. 13, no. 2, pp. 96, 2020, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>		Home Environment," vol. 4662, no. c, pp. 1–10,		Ringle, "When to use and how to report the
<ul> <li>[20] T. F. Indrasari, Front page analyzing factors that encourage passengers to use qr code as fare media for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-learning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli.," <i>Delle vicende dell'agricoltura lial. Stud. e note di C. Bertagnolli.</i>, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>	[20]	2017, doi: 10.1109/JIO1.2017.2750765.		results of PLS-SEM," Eur. Bus. Rev., vol. 31,
<ul> <li>Interact Modulage passengers to use qr tode as intermedia for rapid transit in jakarta," 2020.</li> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-learning dengan Technology Acceptance Model to Approach the Behavioral Intention of Smart Home Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>	[20]	1. F. Indriasari, Front page analyzing factors that encourage passengers to use ar code as fare		no. 1, pp. 2–24, 2019, doi: 10.1108/EBK-11- 2018_0203
<ul> <li>[21] R. N. Rahmawati and I. M. Narsa, "Penggunaan e-learning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli.," Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli., vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>		media for rapid transit in jakarta " 2020	[31]	A-C Liu and T-Y Chou "An Integrated
<ul> <li>e-learning dengan Technology Acceptance Model (TAM)," <i>J. Inov. Teknol. Pendidik.</i>, vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli.," <i>Delle</i> <i>vicende dell'agricoltura Ital. Stud. e note di C.</i> <i>Bertagnolli.</i>, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>	[21]	R. N. Rahmawati and I. M. Narsa, "Penggunaan	[91]	Technology Acceptance Model to Approach the
<ul> <li>Model (TAM)," J. Inov. Teknol. Pendidik., vol. 6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," J. Adm. Bisnis, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli.," Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli., vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>Appliance," Int. J. Organ. Innov., vol. 13, no. 2, p. 96, 2020, [Online]. Apailable: http://www.ijoi-online.org/.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>	L ]	e-learning dengan Technology Acceptance		Behavioral Intention of Smart Home
<ul> <li>6, no. 2, pp. 127–136, 2019, doi: 10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," J. Adm. Bisnis, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli.," Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli., vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>p. 96, 2020, [Online]. Available: http://www.ijoi-online.org/.</li> <li>[32] E. Gaidels and M. Kirikova, Service Dependency Graph Analysis in Microservice Architecture, vol. 398 LNBIP. 2020.</li> <li>[33] N. T. Wei, A. S. Baharudin, L. A. Hussein, and M. F. Hilmi, "Factors affecting user's intention to adopt smart home in Malaysia," Int. J. Interact. Mob. Technol., vol. 13, no. 12, pp. 39– 54, 2019, doi: 10.3991/ijim.v13i12.11083.</li> </ul>		Model (TAM)," J. Inov. Teknol. Pendidik., vol.		Appliance," Int. J. Organ. Innov., vol. 13, no. 2,
<ul> <li>10.21831/jitp.v6i2.26232.</li> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online Dengan Memanfaatkan," <i>J. Adm. Bisnis</i>, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli.," <i>Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli.</i>, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>http://www.ijoi-online.org/http://www.ijoi-online.org/.</li> <li>[25] E. Gaidels and M. Kirikova, <i>Service Dependency Graph Analysis in Microservice Architecture</i>, vol. 398 LNBIP. 2020.</li> <li>[33] N. T. Wei, A. S. Baharudin, L. A. Hussein, and M. F. Hilmi, "Factors affecting user's intention to adopt smart home in Malaysia," <i>Int. J. Interact. Mob. Technol.</i>, vol. 13, no. 12, pp. 39–54, 2019, doi: 10.3991/ijim.v13i12.11083.</li> </ul>		6, no. 2, pp. 127–136, 2019, doi:		p. 96, 2020, [Online]. Available:
<ul> <li>[22] A. A. Hanggono, S. R. Handayani, and H. Susilo, "Dalam Mendukung Bisnis Online [32] E. Gaidels and M. Kirikova, Service Dependency Graph Analysis in Microservice Architecture, vol. 398 LNBIP. 2020.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli., vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>[25] C. Bertagnolli, "Delle vicende dell'agricoltura [32] E. Gaidels and M. Kirikova, Service Dependency Graph Analysis in Microservice Architecture, vol. 398 LNBIP. 2020.</li> <li>[36] N. T. Wei, A. S. Baharudin, L. A. Hussein, and M. F. Hilmi, "Factors affecting user's intention to adopt smart home in Malaysia," Int. J. Interact. Mob. Technol., vol. 13, no. 12, pp. 39– 54, 2019, doi: 10.3991/ijim.v13i12.11083.</li> </ul>		10.21831/jitp.v6i2.26232.		http://www.ijoi-online.org/http://www.ijoi-
<ul> <li>Susilo, "Dalam Mendukung Bisnis Online [32] E. Gaidels and M. Kirikova, Service Dengan Memanfaatkan," J. Adm. Bisnis, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli.," Delle vicende dell'agricoltura Ital. Stud. e note di C. Bertagnolli., vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>[25] E. Gaidels and M. Kirikova, Service Dependency Graph Analysis in Microservice Architecture, vol. 398 LNBIP. 2020.</li> <li>[36] N. T. Wei, A. S. Baharudin, L. A. Hussein, and M. F. Hilmi, "Factors affecting user's intention to adopt smart home in Malaysia," Int. J. Interact. Mob. Technol., vol. 13, no. 12, pp. 39– 54, 2019, doi: 10.3991/ijim.v13i12.11083.</li> </ul>	[22]	A. A. Hanggono, S. R. Handayani, and H.		online.org/.
<ul> <li>Dengan Memantaatkan," J. Adm. Bisnis, vol. 26, no. 1, pp. 1–9, 2016.</li> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli., vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>Dependency Graph Analysis in Microservice Architecture, vol. 398 LNBIP. 2020.</li> <li>[33] N. T. Wei, A. S. Baharudin, L. A. Hussein, and M. F. Hilmi, "Factors affecting user's intention to adopt smart home in Malaysia," Int. J. Interact. Mob. Technol., vol. 13, no. 12, pp. 39– 54, 2019, doi: 10.3991/ijim.v13i12.11083.</li> </ul>		Susilo, "Dalam Mendukung Bisnis Online	[32]	E. Gaidels and M. Kirikova, Service
<ul> <li>[23] C. Bertagnolli, "Delle vicende dell'agricoltura in Italia; studio e note di C. Bertagnolli., vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>[25] C. Bertagnolli, "Delle vicende dell'agricoltura [33] N. T. Wei, A. S. Baharudin, L. A. Hussein, and M. F. Hilmi, "Factors affecting user's intention to adopt smart home in Malaysia," <i>Int. J. Interact. Mob. Technol.</i>, vol. 13, no. 12, pp. 39–54, 2019, doi: 10.3991/ijim.v13i12.11083.</li> </ul>		Dengan Memanfaatkan," J. Adm. Bisnis, vol.		Dependency Graph Analysis in Microservice
<ul> <li>[23] C. Bertagnolli, Dene vicende den agricoltura [53] N. 1. wei, A. S. Baharduni, L. A. Hussein, and in Italia; studio e note di C. Bertagnolli., vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>[25] N. 1. wei, A. S. Baharduni, L. A. Hussein, and M. F. Hilmi, "Factors affecting user's intention to adopt smart home in Malaysia," <i>Int. J. Interact. Mob. Technol.</i>, vol. 13, no. 12, pp. 39– 54, 2019, doi: 10.3991/ijim.v13i12.11083.</li> </ul>	[22]	20, no. 1, pp. 1–9, 2010.	[22]	Architecture, vol. 398 LNBIP. 2020.
<ul> <li><i>vicende dell'agricoltura Ital. Stud. e note di C.</i> <i>Bertagnolli.</i>, vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>	[23]	in Italia: studio e note di C. Bertagnolli, "Della	[33]	M. F. Hilmi "Factors affecting user's intention
<ul> <li>Bertagnolli., vol. 13, no. 3, pp. 319–340, 2011, doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>		vicende dell'agricoltura Ital Stud e note di C		to adopt smart home in Malaysia" Int I
<ul> <li>doi: 10.5962/bhl.title.33621.</li> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> <li>54, 2019, doi: 10.3991/ijim.v13i12.11083.</li> </ul>		<i>Bertagnolli.</i> , vol. 13, no. 3, pp. 319–340, 2011.		Interact. Mob. Technol., vol. 13, no. 12, pp. 39–
<ul> <li>[24] M. D. Achyari, "The Role of Perceived Enjoyment on Motivating the Internet Use," <i>Benefit J. Manaj. dan Bisnis</i>, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic</li> </ul>		doi: 10.5962/bhl.title.33621.		54, 2019, doi: 10.3991/ijim.v13i12.11083.
Enjoyment on Motivating the Internet Use," Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic	[24]	M. D. Achyari, "The Role of Perceived		
Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp. 132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic		Enjoyment on Motivating the Internet Use,"		
132–145, 2009, [Online]. Available: http://journals.ums.ac.id/index.php/benefit/artic		Benefit J. Manaj. dan Bisnis, vol. 12, no. 1, pp.		
http://journals.ums.ac.id/index.php/benefit/artic		132–145, 2009, [Online]. Available:		
1 / : /1074		http://journals.ums.ac.id/index.php/benefit/artic		
1e/view/12/4.	[25]	le/view/12/4.		
[25] O. Isaac, Z. Abdullan, I. Kamayan, A. M. Mutahar and I. Almiany "Danaginad	[23]	U. Isaac, Z. Abdullan, I. Ramayan, A. M.		
Mutanar, and I. Anajawy, Perceived Usefulness Perceived Ease of Use Perceived		Usefulness Perceived Ease of Use Perceived		
Compatibility and Net Benefits: an empirical		Compatibility and Net Benefits: an empirical		
study of internet usage among employees in		study of internet usage among employees in		
Yemen," 7th Int. Conf. Postgrad. Educ. Univ.		Yemen," 7th Int. Conf. Postgrad. Educ. Univ.		
Teknol. MARA (UiTM), Shah Alam, Malaysia,		Teknol. MARA (UiTM), Shah Alam, Malaysia,		
no. December, pp. 899–919, 2016.		no. December, pp. 899–919, 2016.		
[26] T. F. Indriasari and R. Jayadi, "An empirical	[26]	T. F. Indriasari and R. Jayadi, "An empirical		
study of mobile ticketing service adoption in		study of mobile ticketing service adoption in		
rapid transit: Evidence from Jakarta," J. Theor.		rapid transit: Evidence from Jakarta," J. Theor.		
<i>Appl. 11J. 1ecnnol.</i> , vol. 99, no. 8, pp. 1/40–		<i>Appi. Inj. 1ecnnol.</i> , vol. 99, no. 8, pp. 1740–1752 2021		