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### E-Finance: What Factors Affect Financial Staff's Motivation to Utilize It?

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#### ABSTRACT

*The objective of this study is to investigate the factors that influence the intention of financial staff in the SKPDs of Malang City government to adopt e-finance. This study combines elements from the Technology Acceptance Model (TAM) and the Theory of Planned Behavior (TPB) found in previous research. The survey method was utilized, with a sample of 155 respondents consisting of auditors employed in the financial department of Malang City's government. Data analysis was conducted using Partial Least Square (PLS) method. The study's results indicate that constructs like perceived ease of use, perceived usefulness, attitude, subjective norm, and perceived behavioral control have a positive impact on behavioral intention. Additionally, behavioral intention positively correlates with the actual behavior of financial staff using e-finance. The study underscores the significance for e-finance providers and management to consider perceived ease of use, perceived usefulness, attitude, subjective norm, perceived behavioral control, behavioral intention, and the actual behavior of users.*

#### INTRODUCTION

The swift and advanced progress of information technology is currently influencing governance in Indonesia. The government is actively pursuing good governance as part of its efforts to boost the nation's economy. One strategy employed by the government to promote transparency and accountability involves the adoption of web-based government systems, commonly known as e-government. The implementation of e-government is governed by Instruksi Presiden Republik Indonesia Nomor 3 Tahun 2003. The promotion of transparency and accountability should commence with the government's internal operations, spanning both financial and non-financial aspects. Regarding the financial sector, an effective approach to achieving a transparent and accountable government involves the utilization of e-finance. E-finance serves as a tool to implement Permendagri No.64 tahun 2013, which pertains to the adoption of accrual-based accounting by local governments. E-finance offers advantages such as the capability to compile and present financial reports for the purpose of assessing government performance and enhancing efficiency. Web-based e-finance is anticipated to streamline accrual-based recording and reporting systems.

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E-Finance finds its primary application within financial SKPDs such as revenue treasurers, expenditure treasurers, and asset treasurers. The effective implementation of E-finance hinges on these SKPDs possessing a thorough grasp of information technology, enabling them to consistently utilize E-finance. In Indonesia, Usnodo (2010) has reported a failure rate of approximately 70 percent in information technology implementations within the country. Ajzen (1991) and Hartono (2007) shed light on the underlying causes of these failures, attributing them to individual behavior, particularly resistance to adopting information technology. This resistance emerges as a significant obstacle to successful implementation. It can be deduced that the acceptance of technology by individuals facilitates its adoption, while resistance to technology usage invariably leads to unsuccessful implementation. Furthermore, inadequacies in implementation planning, technical aspects, and factors associated with human behavior, processes, and organizational practices (Curry, 2002; Sugiartono, 2003) all contribute to these implementation failures. Beyond individual behavior, other factors influencing the adoption of information technology encompass interest (Taylor & Todd, 1995; Chen et al., 2013; Jafarkarimi et al., 2016; Cheung & To, 2016). Interest signifies an individual's eagerness to engage in specific actions (Ajzen, 1991; Chen et al., 2013), aligning with the Theory of Planned Behavior (TPB), which posits that behavior is shaped by individual interests.

The primary objective of this study is to investigate how factors such as perceived utility, ease of use, attitude, subjective norms, perceived control, and behavioral interest influence the willingness of financial department staff to adopt E-finance. This research makes a theoretical contribution by illustrating that the constructs within TAM and TPB can clarify the connection between the inclination to use E-finance and the actual usage behavior among financial department staff in Malang City's SKPD. Furthermore, this research is anticipated to enhance the existing body of knowledge regarding individual technology adoption behavior. From a practical standpoint, the findings of this study can be applied to promote E-finance programs. This would enable the Malang City government to assess the interest and willingness of financial department staff to embrace E-finance, potentially influencing budget allocation for E-finance development. For Application Service Providers (ASPs), this research can underscore the importance of E-finance in encouraging taxpayer participation and engagement.

## MATERIAL AND METHOD

The Technology Acceptance Model (TAM) is a behavioral theory that revolves around how individuals respond to and engage with technology adoption (Davis, 1989). In this framework, individual behavioral responses are shaped by two fundamental components: the perception of usefulness and the perception of ease of use (Davis, 1989; Venkatesh & Davis, 2000; Pai & Huang, 2010).

Theory of Planned Behavior (TPB) is another behavioral theory that centers on how individual actions are influenced by their behavioral intentions (Ajzen, 1985). These intentions, in turn, are influenced by three key variables: attitude, subjective norms, and perceived behavioral control (Ajzen, 1991). TPB is versatile, capable of predicting specific behaviors in diverse contexts and forms of actions (Beck & Ajzen, 1991). Its foundational premise acknowledges that many behaviors are not solely within an individual's control, necessitating the inclusion of the concept of perceived behavioral control (Ajzen, 1991).

Perceived usefulness is characterized as an individual's belief in the effectiveness and benefits of using information technology (Davis, 1989). Several studies (Davis, 1989; Venkatesh & Davis, 2000; Pai & Huang, 2010) have shown that perceived ease of use has a favorable effect on an individual's interest in taking action. Therefore, hypothesis 1 in this study can be stated as follows: Perceived usefulness has a positive influence on the behavioral interest of financial staff in adopting E-finance (H<sub>1</sub>).

Perceived ease of use is defined as an individual's perception of how straightforward and convenient it is to use information technology (Davis, 1989). Numerous studies (Davis, 1989; Venkatesh & Davis, 2000; Pai & Huang, 2010) have pointed out that perceived ease of use has a positive impact on an individual's behavioral interest. Accordingly, hypothesis 2 in this study can be formulated as follows: Perceived ease of use has a positive influence on the behavioral interest of financial staff in adopting E-finance (H<sub>2</sub>).

Attitude is characterized as an individual's favorable or unfavorable feelings regarding engaging in a particular behavior (Davis et al., 1989; Ajzen, 1991; Kim et al., 2016; Cheung & To, 2016). Multiple studies (Davis et al., 1989; Ajzen, 1991; Jafarkarimi et al., 2016; Kim et al., 2016; Kusumadewi, Baridwan, & Hariadi, 2017) have affirmed that attitude has a positive influence on an individual's behavioral interest. Therefore, hypothesis 3 in this study can be framed as follows: Attitude has a positive influence on the behavioral interest of financial staff in adopting E-finance (H<sub>3</sub>).

Subjective norm encompasses social norms or normative pressures that can impact an individual's interest in a particular behavior (Ajzen, 1991; Qu, 2007). Several studies (Ajzen, 1991; Jafarkarimi et al., 2016; Cheung & To, 2016; Kusumadewi, Baridwan, & Hariadi, 2017) have asserted that subjective norm exerts a positive influence on an individual's behavioral interest. As such, hypothesis 4 in this study can be articulated as follows: Subjective norm has a positive influence on the behavioral interest of financial staff in adopting E-finance (H<sub>4</sub>).

Perceived behavioral control relates to the ease or difficulty of performing a behavior (Ajzen, 1991; Kim et al., 2016). Several studies (Armitage & Conner, 2001; Baker & White, 2010; Jafarkarimi et al., 2016; Kusumadewi, Baridwan, & Hariadi, 2017) have indicated that perceived behavioral control positively affects an individual's behavioral interest. Consequently, hypothesis 5 in this study can be articulated as follows: Perceived behavioral control has a positive influence on the behavioral interest of financial staff in adopting E-finance (H<sub>5</sub>).

Interest serves as a primary indicator in technology adoption models (Davis et al., 1989). Ajzen (1991) explains that interest is a motivational factor that can influence behavior. Numerous studies (Davis et al., 1989; Yilmaz & Ozer, 2008; Venkatesh & Davis, 2000; Kim et al., 2016; Kusumadewi, Baridwan, & Hariadi, 2017) have suggested that behavioral interest is positively correlated with individual behavior. Therefore, hypothesis 6 in this study can be phrased as follows: Behavioral interest has a positive influence on the behavior of financial staff in adopting E-finance (H<sub>6</sub>).

Quantitative approach is the method used in this study. The study's population encompasses all financial department staff within the Satuan Kerja Perangkat Daerah (SKPD) of Malang City, East Java. The researcher determined that the sample size would be 30 times the number of pathways, resulting in 180 samples.

Data collection employs the purposive sampling technique with specific criteria: 1) Financial staff knowledgeable about e-finance, and 2) Financial staff currently utilizing e-finance. Consequently, the researcher conducted a confirmation process with one respondent one month before distributing the questionnaire. This confirmation involved a face-to-face meeting, followed by the direct distribution of the questionnaire to the respondents in hard copy. The data analysis is conducted using smartPLS. Each variable is assessed using a Likert scale ranging from 1 to 7, where 1 indicates strong disagreement, 2 signifies disagreement, 3 represents partial disagreement, 4 denotes neutrality, 5 suggests partial agreement, 6 indicates agreement, and 7 represents strong agreement. Constructs and variable measurement are described in table 1 below.

**Table 1. Measurement of Exogenous Latent Variables and Endogenous Latent Variables**

Variable	Construct	Indicator	Code
Exogenous	Perceived Usefulness (PKG)	Working faster	PKG1
		Enhancing performance	PKG2
		Beneficial	PKG3
		Timesaving	PKG4
	Perceived Ease of Use (PKM)	Easy to use and learn	PKM1
		Easy to set-up	PKM2
		Clear and understandable	PKM3
		Doesn't require extra effort	PKM4
	Attitude (SKP)	Using e-finance is a good idea	SKP1
		Using e-finance is a wise idea	SKP2
		Using e-finance is a great idea	SKP3
		Using e-finance is enjoyable	SKP4
	Subjective Norm (NS)	Influence of superiors	NS1
		Influence of peers	NS2
		Influence of the environment	NS3
		Influence of colleagues	NS4
Perceived Behavioral Control (PKP)	Fully under self-control	PKP1	
	Own will	PKP2	
	Under self-control	PKP3	
Endogenous	Behavioral Intention (MP)	Continuing to use	MP1
		Intending to keep using	MP2
		Recommending to others	MP3
		Adding it as a favored facility	MP4
	Actual Behavior (PAK)	Using frequently	PAK1
		Always using	PAK2
		Using on an average daily basis	PAK3

Source: Research Data (2023)

1) *Model Specification*

The specification model in PLS consists of three sets of relationships: the outer model, the inner model, and the weight relation. The outer model shows the relationship between constructs and indicators.

**Table 2. Outer Model**

Variable	Construct	Outer Model Equation
Exogenous	Perceived Usefulness (PKG)	PKG1 = $\lambda_{PKG1}$ PKG + $\delta_1$ PKG2 = $\lambda_{PKG2}$ PKG + $\delta_2$ PKG3 = $\lambda_{PKG3}$ PKG + $\delta_3$ PKG4 = $\lambda_{PKG4}$ PKG + $\delta_4$
	Perceived Ease of Use (PKM)	PKM1 = $\lambda_{PKM1}$ PKM + $\delta_5$ PKM2 = $\lambda_{PKM2}$ PKM + $\delta_6$ PKM3 = $\lambda_{PKM3}$ PKM + $\delta_7$ PKM4 = $\lambda_{PKM4}$ PKM + $\delta_8$
	Attitude (SKP)	SKP1 = $\lambda_{SKP1}$ SKP + $\delta_9$ SKP2 = $\lambda_{SKP2}$ SKP + $\delta_{10}$ SKP3 = $\lambda_{SKP3}$ SKP + $\delta_{11}$ SKP4 = $\lambda_{SKP4}$ SKP + $\delta_{13}$
	Subjective Norm (NS)	NS1 = $\lambda_{NS1}$ NS + $\delta_{14}$ NS2 = $\lambda_{NS2}$ NS + $\delta_{15}$ NS3 = $\lambda_{NS3}$ NS + $\delta_{16}$ NS4 = $\lambda_{NS4}$ NS + $\delta_{17}$
	Perceived Behavioral Control (PKP)	PKP1 = $\lambda_{PKP1}$ PKP + $\delta_{18}$ PKP2 = $\lambda_{PKP2}$ PKP + $\delta_{19}$ PKP3 = $\lambda_{PKP3}$ PKP + $\delta_{20}$
Endogenous	Behavioral Intention (MP)	MP1 = $\lambda_{MP1}$ MP + $\epsilon_1$ MP2 = $\lambda_{MP2}$ MP + $\epsilon_2$ MP3 = $\lambda_{MP3}$ MP + $\epsilon_3$ MP4 = $\lambda_{MP4}$ MP + $\epsilon_4$
	Actual Behavior (PAK)	PAK1 = $\lambda_{PAK1}$ PAK + $\epsilon_5$ PAK2 = $\lambda_{PAK2}$ PAK + $\epsilon_6$ PAK3 = $\lambda_{PAK3}$ PAK + $\epsilon_7$

Source: Research Data (2023)

The inner model illustrates the relationships between constructs. The weight relation shows the relationship of the variance values between indicators and constructs, assuming an average value of zero and a variance of one to eliminate constants in the causality equations. Inner model equation illustrated below.

$$\eta_1 = \gamma_1 PKG + \gamma_2 PKM + \gamma_3 SKP + \gamma_4 NS + \gamma_5 PKP + \varsigma_1$$

$$\eta_2 = \beta_1 MP + \varsigma_2$$

Where:

- PKG = exogenous latent variable of perceived usefulness
- PKM = exogenous latent variable of perceived ease of use
- SKP = exogenous latent variable of attitude
- NS = exogenous latent variable of subjective norm
- PKP = exogenous latent variable of perceived behavioral control
- MP = endogenous latent variable of behavioral intention
- PAK = endogenous latent variable of actual behavior
- $\lambda$  = factor loading on each indicator
- $\eta_1$  = endogenous latent variable
- $\eta_2$  = endogenous latent variable
- $\gamma_1$  = coefficient of perceived usefulness
- $\gamma_2$  = coefficient of perceived ease of use
- $\gamma_3$  = self-confidence coefficient
- $\beta$  = coefficient of the influence of behavioral intention on behavior
- $\delta$  = measurement error rate of exogenous variables
- $\epsilon$  = measurement error rate of endogenous variables
- $\varsigma$  = measurement error

## 2) Model Evaluation

The outer model is a measurement model used to assess the validity and reliability of the model.

**Table 3. Validity Testing Parameters in PLS Measurement Model**

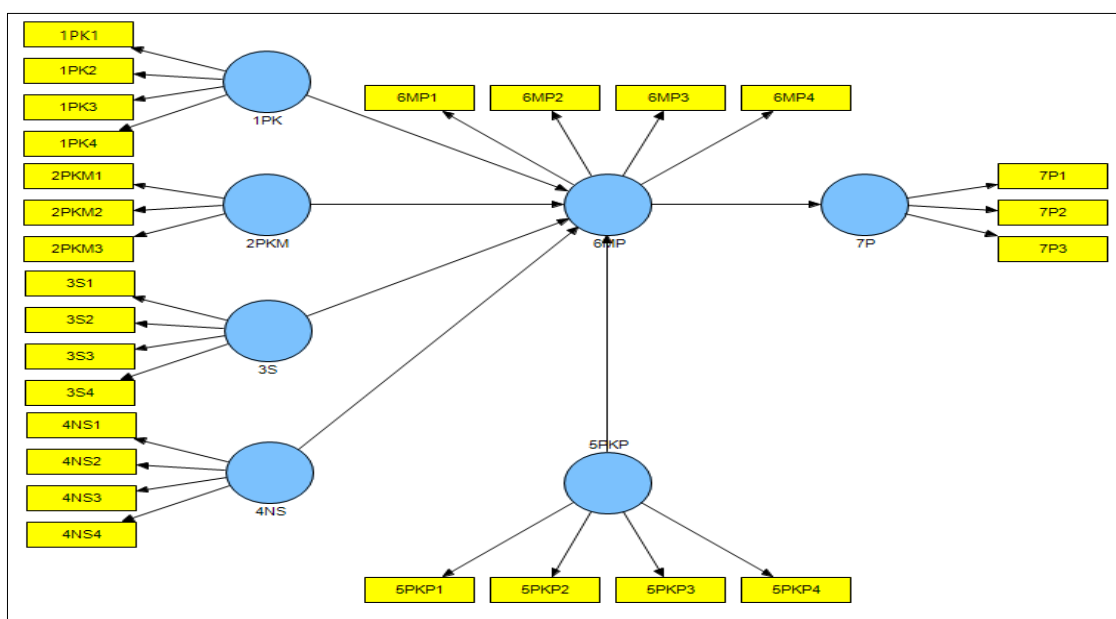
Testing	Parameter	Rule of Thumbs
Convergence Validity	Loading Factor	More than 0,7
	Average Variance Extracted (AVE)	More than 0,5
	Communality	More than 0,5
Discriminant Validity	Square Root of AVE and Correlation of Latent Variables	Square Root of AVE > Correlation of Latent Variables
	Cross loading	More than 0,7
Reliability	Cronbach's alpha	More than 0,6
	Composite reliability	More than 0,7

Source: Abdillah and Hartono (2015: 196)

The inner model is a structural model used to predict causal relationships between latent variables. Through the bootstrapping process, T-statistic test parameters are obtained to predict the existence of causal relationships. The  $R^2$  value is used to measure the level of variation in the independent variable's changes with respect to the dependent variable. The value depicts how much the dependent latent variable can be influenced by the independent latent variable. The path coefficient value indicates the level of significance in hypothesis testing. The path coefficient value is explained through the t-statistics value. The t-statistics value is compared to the t-table value in hypothesis testing. A t-statistics value greater than the t-table value indicates that the hypothesis is accepted.

## RESULT AND DISCUSSION

In this study, the participants included all the financial department staff in the Regional Working Unit of Malang City, East Java. Data collection took place from July 1st to July 29th, 2023. Out of 180 questionnaires distributed, 178 were returned. After a thorough review, 10 incomplete questionnaires and 13 with inconsistent responses were excluded, leaving 155 questionnaires (86.11% of the total) that could be used for analysis. The figure presented below illustrates the research framework employed within the scope of this investigation.



**Figure 1. Research Model**  
Source: Research Data (2023)

Presented below AVE Value and communality in the study.

**Table 4. AVE Value and Communality**

Construct	AVE	Communality
1PK	0,6318	0,6318
2PKM	0,4812	0,4812
3S	0,568	0,568
4NS	0,6746	0,6746
5PKP	0,6458	0,6458
6MP	0,6571	0,6571
7P	0,7473	0,7473

Source: Research Data (2023)

In accordance with the table 4, it can be observed that the AVE and communality values in this study surpass the threshold of 0.5. Furthermore, the loading factor values are provided in Table 5 as follows:

**Table 5. Loading Factor**

Construct Indicator	to	Original Sample	T-Statistics	Construct Indicator	to	Original Sample	T-Statistics
1PK1	← 1PK	0.7104	231.468	5PKP1	← 5PKP	0.7762	394.187
2PK2	← 1PK	0.7612	473.957	5PKP2	← 5PKP	0.8105	469.311
3PK3	← 1PK	0.8466	747.317	5PKP3	← 5PKP	0.8376	821.943
4PK4	← 1PK	0.8525	858.364	5PKP4	← 5PKP	0.7887	387.595
2PKM1	← 2PKM	0.6778	193.685	6MP1	← 6MP	0.8083	598.938
2PKM2	← 2PKM	0.7070	223.859	6MP2	← 6MP	0.8741	1.062.542
2PKM3	← 2PKM	0.6958	214.801	6MP3	← 6MP	0.8054	872.839
3S1	← 3S	0.7500	496.615	6MP4	← 6MP	0.7498	451.027
3S2	← 3S	0.7473	494.650	7P1	← 7P	0.8891	975.117
3S3	← 3S	0.7372	440.557	7P2	← 7P	0.7639	457.094
3S4	← 3S	0.7796	605.146	7P3	← 7P	0.9316	1.587.781
4NS1	← 4NS	0.8176	662.560				
4NS2	← 4NS	0.8441	696.346				
4NS3	← 4NS	0.8899	1.234.017				
4NS4	← 4NS	0.7251	302.589				

Source: Research Data (2023)

In accordance with the data in Table 5, it is apparent that the factor loading values for each indicator in the original sample column surpass 0.7, with statistical values exceeding 1.64. Consequently, based on the information from Tables 4 and 5, it can be inferred that the constructs and indicators utilized in this study have satisfactorily met the requirements for convergent validity.

The table labeled as Table 6 provides information on the square root of AVE values and the correlations between latent variables.

**Table 6. The Square Root of AVE Values and The Correlations Between Latent Variables**

Construct	Square Root of AVE	1PK	2PKM	3S	4NS	5PKP	6MP	7P
1PK	0,7949	1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2PKM	0,6937	0.3107	1	0.0000	0.0000	0.0000	0.0000	0.0000
3S	0,7537	0.3372	0.4051	1	0.0000	0.0000	0.0000	0.0000
4NS	0,8213	0.2342	0.3371	0.7790	1	0.0000	0.0000	0.0000
5PKP	0,8036	0.2612	0.3362	0.7438	0.8829	1	0.0000	0.0000
6MP	0,8106	0.4028	0.3865	0.6269	0.6013	0.5725	1	0.0000
7P	0,8645	0.3272	0.3704	0.4116	0.4037	0.4047	0.4551	1

Source: Research Data (2023)

The data from Table 6 reveals that the square root of AVE values is higher than the correlations between latent variables in each construct. If you are interested in cross-loading values, they are available in Table 7.

**Table 7. Cross Loading Values**

Construct	1PK	2PKM	3S	4NS	5PKP	6MP	7P
1PK1	0,7104	0,2485	0,2112	0,1308	0,1855	0,2279	0,251
1PK2	0,7612	0,3139	0,254	0,2626	0,2049	0,3492	0,3069
1PK3	0,8466	0,2018	0,2776	0,119	0,186	0,3051	0,2185
1PK4	0,8525	0,225	0,3141	0,2074	0,246	0,3687	0,2611
2PKM1	0,1799	0,6778	0,0949	0,0804	0,1212	0,2414	0,1466
2PKM2	0,1663	0,707	0,1787	0,2073	0,1346	0,2287	0,1537
2PKM3	0,278	0,6958	0,4965	0,3699	0,3897	0,3168	0,4154
3S1	0,2741	0,4786	0,75	0,5168	0,4806	0,4146	0,3492
3S2	0,3299	0,3742	0,7473	0,3915	0,4028	0,439	0,3669
3S3	0,1921	0,2356	0,7372	0,8011	0,6858	0,4727	0,3023
3S4	0,2331	0,18	0,7796	0,6153	0,6426	0,5456	0,2433
4NS1	0,2515	0,3346	0,5803	0,8176	0,6607	0,4942	0,4102
4NS2	0,1814	0,3437	0,5947	0,8441	0,7282	0,4793	0,3586
4NS3	0,1866	0,2526	0,7177	0,8899	0,7655	0,5458	0,2915
4NS4	0,1478	0,1742	0,664	0,7251	0,75	0,4503	0,268
5PKP1	0,259	0,2894	0,4817	0,61	0,7762	0,417	0,4025
5PKP2	0,2236	0,3231	0,5328	0,6772	0,8105	0,448	0,3859
5PKP3	0,1966	0,2379	0,6435	0,8015	0,8376	0,4683	0,2329
5PKP4	0,1692	0,237	0,7102	0,7357	0,7887	0,4992	0,2928
6MP1	0,3221	0,2829	0,3862	0,4222	0,4521	0,8083	0,3048
6MP2	0,3956	0,312	0,4673	0,4864	0,4557	0,8741	0,3513
6MP3	0,303	0,3756	0,6641	0,6498	0,5921	0,8054	0,4247
6MP4	0,2858	0,2579	0,4574	0,3262	0,3071	0,7498	0,3747
7P1	0,3073	0,4238	0,3839	0,369	0,3932	0,4079	0,8891
7P2	0,1888	0,2872	0,2764	0,2495	0,2067	0,2288	0,7639
7P3	0,3201	0,2625	0,3863	0,3958	0,3975	0,478	0,9316

Source: Research Data (2023)

In summary, Table 7 demonstrates that cross-loading values exceed the threshold of 0.7, confirming the fulfillment of the discriminant validity test. Moving on to the assessment of reliability, Table 8 provides the values for Cronbach's alpha and composite reliability.

**Table 8. Cronbach's Alpha and Composite Reliability Values**

Konstruk	Cronbach's Alpha	Composite Reliability
1PK	0,8061	0,8722
2PKM	0,4753	0,7355
3S	0,7486	0,8402
4NS	0,8368	0,8919
5PKP	0,8174	0,8793
6MP	0,8268	0,8843
7P	0,8359	0,8981

Source: Research Data (2023)

To summarize, based on the data in Table 8, it is apparent that both Cronbach's alpha and composite reliability values meet the criteria for reliability. Subsequently, the inner model assessment is discussed, which follows the initial outer model analysis. This includes the examination of R<sup>2</sup> values, as indicated in Table 9.

**Table 9. R<sup>2</sup> Values**

Construct	R <sup>2</sup>
6MP	0,4804
7P	0,2071

Source: Research Data (2023)

Based on the information provided in Table 9, it is evident that the R<sup>2</sup> value for the behavioral intention (6MP) construct is 0.4804. This indicates that 48.04% of the variance in the behavioral intention construct can be accounted for by the constructs perceived usefulness, perceived ease of use, attitude, subjective norm, and perceived behavioral control, while the remaining variance is attributed to constructs outside the model. The R<sup>2</sup> value for the actual behavior (7P) construct is 0.2071, which means that 20.71% of the variance in the actual behavior construct can be explained by the behavior intention construct, with the rest being influenced by other constructs.

In the context of hypothesis testing, the path coefficients carry significance. If the path coefficient, represented by the T-statistic, exceeds 1.64, it supports the acceptance of the study's hypothesis (H<sub>a</sub>). Conversely, a T-statistic below 1.64 leads to the rejection of the study's hypothesis (H<sub>a</sub>). Specific T-statistic values can be found in Table 10.

**Table 10. Path Coefficient Values**

Hypothesis	Construct	Original Sample	T-Statistics	Decision
H1	1PK → 6MP	0.2025	7,9989	Accept
H2	2PKM → 6MP	0.1076	4,0347	Accept
H3	3S → 6MP	0.2774	8,7773	Accept
H4	4NS → 6MP	0.2580	6,8456	Accept
<b>H5</b>	<b>5PKP → 6MP</b>	<b>0.0493</b>	<b>1,1592</b>	<b>Reject</b>
H6	6MP → 7P	0.4551	13,5722	Accept

Source: Research Data (2023)

*Hypothesis 1 posits that the construct of perceived usefulness has a positive influence on the behavioral intention of financial staff in the SKPD of Malang City in using e-finance.* Based on Table 10, it can be observed that the beta ( $\beta$ ) value is positive, specifically 0.2025, and the T-statistic value for the relationship between the construct of perceived usefulness and the behavioral intention of financial staff in SKPD Malang City in using e-finance is 7.9989, which is >1.64. The construct of perceived usefulness can account for 18.87% of the intention to use e-finance behavior. These results indicate that perceived usefulness has a positive impact on the behavioral intention of financial staff in SKPD Malang City when using e-finance. Based on these findings, it can be concluded that Hypothesis 1 is accepted.

Perceived usefulness relates to the decision-making process. When an individual believes that information technology serves a purpose, they are inclined to use it. Conversely, if an individual views the technology as lacking utility, they are likely to reconsider and abstain from using it. Based on the research findings, it's clear that perceived usefulness positively influences the behavioral intent of financial staff at the SKPD in Malang City when utilizing audit technology. These results signify that the stronger an individual's belief in the efficacy of e-finance for enhancing performance and assisting financial staff at SKPD Malang City, the more favorable their behavioral intent becomes.

Within this study, perceived usefulness emerges as the most potent factor affecting intent when compared to other factors. This research aligns with previous work carried out by Pai and Huang (2010). Utilizing the Technology Acceptance Model (TAM) in Pai and Huang's study (2010), empirical evidence affirms the positive influence of perceived usefulness on an individual's intent to use information technology. Chau and Hu (2002) and Yi et al. (2006) conducted studies in the context of healthcare information technology, and these studies also provide empirical evidence supporting the positive influence of perceived usefulness on the intent to use information technology in the healthcare sector.

These outcomes remain consistent with several earlier studies conducted by Venkatesh and Davis (2000), Wang (2002), Gefen, Karahanna, and Straub (2003), Hsu and Chiu (2004), Lee et al. (2005), Yu, Li, and Gagnon (2009), Chen et al. (2013), and Fayad and Paper (2015). These studies similarly offer empirical evidence indicating that perceived usefulness has a positive effect on the intent to use information technology.

*Hypothesis 2 posits that the construct of perceived ease of use has a positive impact on the behavioral intention of financial staff in the SKPD of Malang City in using e-finance.* Referring to Table



10, it is evident that the beta ( $\beta$ ) value is positive, specifically 0.1076, and the T-statistic value for the relationship between the construct of perceived ease of use and the behavioral intention of financial staff in SKPD Malang City in using e-finance is 4.0347, which is  $>1.64$ . The construct of perceived ease of use accounts for 9.52% of the intention to use e-finance behavior. These results demonstrate that perceived ease of use has a positive influence on the behavioral intention of financial staff in SKPD Malang City when using e-finance. Based on these findings, it can be concluded that Hypothesis 2 is accepted.

Perceived ease of use refers to an individual's belief in how using information technology can simplify their tasks and reduce the need for additional effort (Davis, 1989; Venkatesh and Davis, 2000; Lim and Ting, 2012). Furthermore, perceiving information technology as easy to use can save users time and effort when learning how to operate e-finance. Perceived ease of use reflects a decision-making belief. When an individual believes that the information technology is user-friendly, they are more likely to use it. Conversely, if they find the technology challenging to use, they are inclined to avoid it (Hartono, 2007: 115).

Drawing from the Technology Acceptance Model (TAM) theory utilized by Pai and Huang (2010), there is empirical evidence demonstrating that the perception of ease of use has a positive impact on the intention to use information technology. Consequently, it can be deduced that e-finance is among the information technologies that are easily comprehensible. E-finance can streamline the tasks of financial staff.

*Hypothesis 3 asserts that the construct of attitude has a positive impact on the behavioral intention of financial staff in the SKPD of Malang City in using e-finance.* Referring to Table 10, it is apparent that the beta ( $\beta$ ) value is positive, specifically 0.2774, and the T-statistic value for the relationship between the construct of attitude and the behavioral intention of financial staff in SKPD Malang City in using e-finance is 8.7773, which is  $>1.64$ . The construct of attitude accounts for 20.71% of the intention to use e-finance behavior. These results indicate that attitude has a positive influence on the behavioral intention of financial staff in SKPD Malang City when using e-finance. Based on these findings, it can be concluded that Hypothesis 3 is accepted.

Attitude refers to an individual's emotional inclination, which can be either positive or negative, when they are required to perform a predetermined behavior (Davis, 1989). Additionally, attitude represents self-assessment, where individuals assess whether the behavior in question is beneficial or detrimental (Ajzen, 1991). Therefore, it can be inferred that attitude is a significant factor influencing behavioral intention. Hypothesis 3 in this study proposes that attitude positively influences the behavioral intention of financial staff in the SKPD of Malang City when using e-finance. Based on these findings, it can be concluded that attitude does indeed have a favorable impact on the behavioral intention of financial staff in SKPD Malang City when using e-finance.

This research aligns with a study conducted by Kim et al. (2016), illustrating that attitude positively affects individual behavioral intention. Empirical evidence from studies by Wu and Chen (2005) in the context of online tax and Lam, Cho, and Qu (2007) in the field of information technology in hotels confirms that attitude positively influences the behavioral intention to use information technology. Similar empirical evidence is found in other studies conducted by Taylor and Todd (1995), Shih and Fang (2004), Fu, Farn, and Chou (2006), Ramayah et al. (2009), Nasri and Charfeddine (2012), Pavlou and Fygenson (2013), Buchan (2014), Jafarkarimi et al. (2016), and Lee, Brown, and Beck (2016), albeit in different contexts.

*Hypothesis 4 posits that the construct of subjective norm has a positive impact on the behavioral intention of financial staff in the SKPD of Malang City in using e-finance.* Based on Table 10, it is evident that the beta ( $\beta$ ) value is positive, specifically 0.2580, and the T-statistic value for the relationship between the construct of subjective norm and the behavioral intention of financial staff in SKPD Malang City in using e-finance is 6.8456, which is  $>1.64$ . The construct of subjective norm accounts for 16.15% of the intention to use e-finance behavior. These results demonstrate that subjective norm has a positive influence on the behavioral intention of financial staff in SKPD Malang City when using e-finance. Based on these findings, it can be concluded that Hypothesis 4 is accepted.

Subjective norm refers to an individual's perception of the social pressures that influence their decision to either engage in or abstain from a specific behavior (Ajzen, 1991; Hartono, 2007: 42). This subjective norm is formed by a person's normative beliefs and their motivation to adhere to these beliefs (Yilmaz and Ozer, 2008). Kim et al. (2016) support this concept by explaining that the subjective norm involves an individual's view of how others in their reference groups, like friends, colleagues, or close associates, perceive the use of information technology. The more appealing the subjective norm is with respect to a particular matter, the more it attracts the behavioral intention of other individuals to adopt that information technology (Lam, Cho, and Qu, 2007; Kim et al., 2016).

Having knowledgeable informants such as superiors, managers, colleagues, and friends who are experienced in using e-finance is of utmost importance for the financial staff at the SKPD of Malang City. The more positive the information conveyed about e-finance, the more it can inspire the behavioral intention of SKPD Malang City's financial staff to embrace e-finance in their work. The influence exerted by these close associates regarding the significance of using e-finance in their work and their assurance that the financial staff of SKPD Malang City are capable of using e-finance can also shape the perceptions of the financial staff, making them more inclined to adopt e-finance.

*Hypothesis 5 suggests that the construct of perceived behavioral control has a positive impact on the behavioral intention of financial staff in the SKPD of Malang City in using e-finance.* Based on Table 10, it is evident that the beta ( $\beta$ ) value is positive, specifically 0.0493, and the T-statistic value for the relationship between the construct of perceived behavioral control and the behavioral intention of financial staff in SKPD Malang City in using e-finance is 1.1592, which is  $<1.64$ . The construct of perceived behavioral control explains 2.73% of the intention to use e-finance behavior. These results indicate that perceived behavioral control has a positive influence on the behavioral intention of financial staff in SKPD Malang City when using e-finance. However, based on these findings, it can be concluded that Hypothesis 5 is rejected.

Perceived behavioral control refers to the ease or difficulty associated with carrying out a particular behavior (Ajzen, 1991). It encompasses factors like past experiences, the availability of necessary resources, and the anticipation of potential obstacles. A higher level of perceived behavioral control corresponds to a stronger intention to engage in the behavior in question (Hartono, 2007: 64-65). Concerning e-finance, when consumers find it user-friendly and have confidence in their ability to manage their actions, along with having the required resources, the financial staff at the Regional Financial and Asset Management Agency (SKPD) of Malang City are more inclined to adopt e-finance. Conversely, when an individual's confidence in using information technology is low, and this is supported by favorable conditions for its use, the likelihood of that individual showing interest in the desired information technology diminishes.

This study does not concur with the findings of Kim et al. (2016). It indicates that perceived behavioral control does not positively influence the behavioral intention of financial staff in SKPD Malang City to use e-finance. This discrepancy may be attributed to the ease of learning and operating e-finance. This observation is reinforced by the demographic characteristics of the respondents. Analysis of demographic data reveals that the financial staff in the SKPD Malang City environment have less than five years of experience with e-finance. Despite e-finance being straightforward to use and comprehend, individuals still lack the confidence and control required for its use. Moreover, as many staff members are nearing retirement age, they may feel less self-assured in managing their behavior in this context.

*Hypothesis 6 asserts that the construct of behavioral intention has a positive impact on the behavior of financial staff in the SKPD of Malang City in using e-finance.* Based on Table 10, it is evident that the beta ( $\beta$ ) value is positive, specifically 0.4551, and the T-statistic value for the relationship between the construct of behavioral intention and the behavior of financial staff in SKPD Malang City in using e-finance is 13.5722, which is  $>1.64$ . The construct of behavioral intention explains 32.02% of the behavior related to e-finance usage. These results indicate that behavioral intention has a positive influence on the behavior of financial staff in SKPD Malang City when using e-finance. Based on these findings, it can be concluded that Hypothesis 6 is accepted.

Behavioral intention is described as a motivating factor that has the potential to influence behavior (Davis et al., 1989; Ajzen, 1991). It signifies a wish or inclination, but it doesn't manifest as an actual action (Davis et al., 1989). Ajzen (1991) asserts that behavioral intention plays a fundamental role in shaping an individual's conduct. The outcomes of this study corroborate previous research conducted by Ajzen (1991) in the realm of information technology and Kim et al. (2016) in the domain of social media technology, providing empirical evidence that behavioral intention is a pivotal element that impacts individual behavior. Numerous other studies, such as those by Venkatesh and Davis (2000), Yi and Hwang (2003), Shih and Fang (2004), Sniehotta, Scholz, and Schwarzer (2005), Yilmaz and Ozer (2008), Jafarkarimi et al. (2016), and Lee, Brown, and Beck (2016), corroborate these empirical findings.

For the financial staff at the Regional Financial and Asset Management Agency (SKPD) of Malang City, their behavioral intention to use e-finance is driven by the desire to continue using it in their professional duties. They also advocate its use to their colleagues and prefer it as their primary tool. With a robust behavioral intention among the financial staff of SKPD Malang City to use e-finance, they are more inclined to integrate it into their daily work. Consequently, behavioral intention emerges as a pivotal factor influencing the behavior of these financial staff members because e-finance is an integral part of their daily work routine.

## CONCLUSIONS AND SUGGESTIONS

The findings of this study suggest that the conduct of financial staff within the SKPD in Malang City when using e-finance is contingent upon the behavioral intentions of these staff members. The inclination of financial staff in SKPD Malang City to engage in e-finance activities is positively impacted by their perceived utility, their attitude, the subjective norms they hold, their perceived ability to control their behavior, and their self-efficacy. Furthermore, it is noteworthy that attitude wields a more significant influence on the behavioral intentions of financial staff in SKPD Malang City when compared to perceived utility, ease of use, and subjective norms. This study provides substantial evidence that behavioral intentions act as the primary determinants of behavior and play a role as a complete mediating factor. Behavioral intentions signify that financial staff in SKPD Malang City have a favorable perception of their colleagues' behavior in employing e-finance. Nonetheless, the study does not establish a positive effect of perceived behavioral control on the behavioral intentions of financial staff in SKPD Malang City. Additionally, perceived ease of use has a detrimental influence on the behavioral intentions of financial staff in SKPD Malang City, attributable to their limited self-confidence.

The researcher acknowledges specific limitations inherent in this study. These constraints pertain to the dissemination of questionnaires to respondents. The researcher encountered restrictions related to regulatory boundaries that define the scope and openness of the research. Considering these circumstances, the researcher recommends that for future studies addressing similar subjects, careful consideration should be given to data collection methods and the means employed for questionnaire distribution while staying attuned to the relevant regulations. This approach will facilitate better oversight in managing the distribution of questionnaires.

## REFERENCES

- Arfasia, F. (2022). *Evaluasi Kinerja Badan Layanan Umum dengan Pendekatan Logic Model (Studi Kasus pada Universitas Pembangunan Nasional Veteran Jakarta)*. Universitas Indonesia.
- Bautista-Arredondo, S., Pineda-Antunez, C., Cerecero-Garcia, D., Cameron, D. B., Alexander, L., Chiwevu, C., Forsythe, S., Tchuente, M., Dow, W. H., Kahn, J., Gomez, G. B., Vassall, A., Bollinger, L. A., & Levin, C. (2021). Moving away from the "unit cost". Predicting country-specific average cost curves of VMMC services accounting for variations in service delivery platforms in sub-Saharan Africa. *PLOS ONE*, 16(4), e0249076. <https://doi.org/10.1371/journal.pone.0249076>
- Bickman, L. (1987). The functions of program theory. *New Directions for Program Evaluation*, 1987(33), 5–18.
- Bowerman, M., Ball, A., & Francis, G. (2001). Benchmarking as a Tool for the Modernisation of Local Government. *Financial Accountability & Management*, 17(4), 321–329. <https://doi.org/https://doi.org/10.1111/1468-0408.00136>
- Fajri, F., & Oktyawati, D. (2021). Peran Affection Attachment, Perceived Cost, Dan Continuance Sebagai Faktor Moderasi: Pengukuran Pemanfaatan Sistem Informasi Terhadap Kinerja Dan Akuntabilitas Publik (Studi Kasus di Pemerintah Daerah DIY). *Jurnal AKSI (Akuntansi Dan Sistem Informasi)*, 3(2). <https://doi.org/10.32486/aksi.v3i2.69>
- Ferreira, D. C., Marques, R. C., Pedro, M. I., & Santos, G. (2022). PPP hospitals in Portugal: What does benchmarking tell us about their relative performance? In *Assessing the Performance Advantage of Public-Private Partnerships: A Comparative Perspective*. <https://doi.org/10.4337/9781800889200.00012>
- Francis, G., & Holloway, J. (2007). What have we learned? Themes from the literature on best-practice benchmarking. *International Journal of Management Reviews*, 9(3), 171–189. <https://doi.org/10.1111/j.1468-2370.2007.00204.x>
- Haryanto, H., Sahmuddin, & Mannan, A. (2007). *Akuntansi Sektor Publik*.
- Kellogg, W. K. (2004). Foundation. Logic Model Development Guide. Using Logic Models to Bring Together Planning, Evaluation, and Action. Michigan: Battle Creek.
- Knowlton, L. W., & Phillips, C. C. (2012). *The logic model guidebook: Better strategies for great results*. Sage.
- Mahmudi, R. (2015). *Manajemen Kinerja Sektor Publik Edisi Kedua*. Yogyakarta: UPP STIM YKPN.
- Navin, B. (2003). *Guide to Performance Based Budgeting*.

- Pramudiati, N., Fachrunnisa, Z. H., & Kusmawati, K. (2023). Determinants of Budget Performance Based on The Value for Money Concept. *Jurnal Akademi Akuntansi*, 6(2), 183–198. <https://doi.org/10.22219/jaa.v6i2.25007>
- Rakhmadina, D., & Setyaningrum, D. (2021). Dampak E-Learning terhadap Anggaran Pelatihan Kementerian Keuangan. *Jati: Jurnal Akuntansi Terapan Indonesia*, 4(1). <https://doi.org/10.18196/jati.v4i1.10343>
- Rivenbark, W. C., & Carter, K. L. (2000). Benchmarking and cost accounting: the North Carolina approach. *Journal of Public Budgeting, Accounting & Financial Management*, 12(1), 125–137. <https://doi.org/10.1108/JPBAFM-12-01-2000-B006>
- Robinson, M. (2007). Performance Budgeting Linking Funding and Results. *Performance Budgeting*, 7.
- Robinson, M., & Last, D. (2009). A Basic Model of Performance-Based Budgeting. *Technical Notes and Manuals*, 09(01). <https://doi.org/10.5089/9781462320271.005>
- Sari, R. P. (2022). *Evaluasi Pengukuran Kinerja dengan Pendekatan Model Logika Studi Kasus pada Direktorat Lalu Lintas dan Angkutan Kereta Api (DLLAKA)*. Universitas Indonesia.
- Segal, G. F., & Summers, A. B. (2002). *Citizens Budget Report: Improving Performance and Accountability in Government* (292; Policy Study).
- Siti-Nabiha, A. K., & George, R. A. (2021). Do external benchmarking mechanisms facilitate performance management in Malaysian local authorities? *Journal of Applied Accounting Research*, 22(5). <https://doi.org/10.1108/JAAR-08-2020-0173>
- Sugiyono. (2020). *Cara mudah menyusun skripsi, tesis dan disertasi* (5th ed.). Alfabeta.
- Thompson, A. A., Peteraf, M. A., Gamble, J. E., & Strickland III, A. J. (2022). *Crafting And Executing Strategy: The Quest For Competitive Advantage, Concept and Cases* (23rd ed.). McGraw Hill LLC.
- Yin, R. K. (2016). *Qualitative research from start to finish* (Second edition.). Guilford Press.
- Zunaidi, A., & Santoso, K. (2021). PENERAPAN LOGIC MODEL DAN PENGANGGARAN BERBASIS KINERJA DALAM PERATURAN PENGANGGARAN. *Indonesian Treasury Review: Jurnal Perbendaharaan, Keuangan Negara Dan Kebijakan Publik*, 6(3), 195–210. <https://doi.org/10.33105/itrev.v6i3.206>