STUDY OF FACTORS INFLUCENICNG DIGITAL TRANSFORMATION PROCESS IN BANGKOK



STUDY OF FACTORS INFLUENCING DIGITAL TRANSFORMATION PROCESS IN BANGKOK

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BANGKOK

This Independent Study Manuscript Present to

The Graduate School of Bangkok University THE CREATIVE UNIVERSITY in Partial Fulfillment

of the Requirements for the Degree

Master of Business Administration

Academic Year 2022

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This manuscript has been approved by

the Graduate School

Bangkok University

Title: Study of Factors Influencing Digital Transformation Process in Bangkok

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De Silva, Thusitha. Master of Business Administration, July 2003, Graduate School, Bangkok University.

Study of Factors Influencing Digital Transformation Process in Bangkok (49 pp.) Advisor: Sumas Wongsunopparat, Ph.D.

ABSTRACT

Most digital transformations fail. Various studies from academics, consultants, and analysts indicate that the rate of digital transformations failing to meet their original objectives ranges from 70% to 95%, with an average at 87.5%. Yet, digital transformation has been at the top of corporate agendas for at least a decade and shows no sign of slowing down. On the contrary, many commentators have highlighted the accelerating impact of the Covid-19 period on digital transformation. Digital transformation is something no management team should attempt alone. It takes deep into reality and a sense of ownership among people across the enterprise to make transformation a reality.

The purpose of this research is to study factors influencing digital transformation process in Bangkok, Thailand. These factors include eight first-order independent variables: Leadership (LD), Employee (EP), Culture (CT), Work Environment (WE), Mindset (MS), Organizational Friction (OF), Management of Transformation (MT), and Talent Acquisition (TA); three second-order variables: Leadership & Motivation (LDM), People (PPL), and Workplace Culture (WPC) and one dependent variable: Digital Transformation (DT). 400 sample were collected using electronic questionnaire through social media. We used Structural Equation Models (SEM) for data analysis. The result shows that since the RMSEA, which is an absolute fit index that assesses how far our hypothesized model is from a perfect model, for this model is .04 (<.05) which strongly indicates a "close fit" and the Goodness of Fit Index (GFI) value is .902 (>.90), the model seems to fit well according to the descriptive measures of fit. Moreover, CFI, which is incremental fit indices that compare the fit of our hypothesized model with that of a baseline model (i.e., a model with the worst fit), its value equals .903 indicating an acceptable fit.

More importantly, Talent Acquisition (TA), Leadership & Motivation (LDM), and Workplace Culture (WPC) seem to have significant effects on Digital Transformation (DT) process due to their p-values are all less than .05. That means if corporates focus more on acquiring new talent and at the same time improve corporate leadership and motivation and workplace culture, they will be more likely to be successful in digital transformation which is necessary condition for all organizations to be competitively sustainable going forward.

Keywords: Digital Transformation (DT), SEM; Talent Acquisition (TA), Leadership & Motivation (LDM), and Workplace Culture (WPC), and Covid-19.



ACKNOWLEDGEMENT

In the course of composing this paper, I received invaluable assistance from friends and classmates who imparted significant knowledge and insider insights of the e-commerce industry. Foremost, I express my profound gratitude towards my supervisor, Dr. Sumas Wongsunopparat. Throughout the writing process, he extended not only guidance, support, and advice, but also supplied the necessary tools for this research. He demonstrated immense patience in instructing me, consistently monitoring the progress of my thesis and displaying enduring concern. His contribution has been instrumental to this research. I am deeply grateful to Ranjan Kumar and Dr. Kavinda Gunasekara, whose guidance was invaluable during my Master's program, and to George Prungsawan, for enriching my work experience with his insights.

Indeed, I express deep gratitude to Dr. Suthinan Pomsuwan, the faculty, and staff at Bangkok University, whose unwavering support has been pivotal. The wisdom imparted and the supportive environment created by them have fostered my growth. My classmates and friends from the MBA course, too, have enriched my journey with their shared experiences and continuous motivation. Furthermore, I would like to thank the survey participants for their vital assistance in my research.

Lastly, my heartfelt thanks go out to my dear father, mother, and younger brother their unwavering support, encouragement, and love have been my pillars of strength. Once again but with equal fervor, I extend my profound gratitude to Bangkok University for continually providing an outstanding platform that has instilled immense pride and fostered exceptional opportunities for me to excel.

Thusitha De Silva

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CHAPTER 1 INTRODUCTION

1.1 Background of the Study

According to multiple sources such as academics, consultants, and analysts, digital transformation efforts often fail to achieve their initial goals. Studies have shown that failure rates range from 70% to 95%, with an average of 87.5%. Despite this, companies have continued to prioritize digital transformation for over a decade, and its importance has only increased during the Covid-19 pandemic. Digital transformation is something no management team should attempt alone. It takes deep into reality and a sense of ownership among people across the enterprise to make transformation a reality.

Digital transformation refers to the process of integrating digital technologies into all aspects of a business or organization, with the goal of improving efficiency, effectiveness, and competitiveness. With the advent of the internet, mobile devices, cloud computing, and other digital tools, businesses and organizations have been able to automate processes, collect and analyze data more efficiently, and communicate with customers and stakeholders in new ways.

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Digital transformations diverge from conventional business transformations in various significant aspects. Firstly, business transformations typically conclude once a new behavior or operational model is successfully implemented. In contrast, digital transformations encompass sustained and ongoing initiatives to reconfigure how an organization continually improves and adapts. Unlike traditional transformations, digital transformations extend over an extensive timeframe, often spanning the entirety of executives' professional careers (Lamarre, Smaje, & Zemmel, 2023). This extended duration is necessitated by the continuous evolution of technology, which not only integrates further into business operations but also undergoes constant advancements and innovations.

However, the digital transformation process is not without its challenges. Many organizations struggle to effectively integrate new technologies into their existing systems and processes and may face resistance from employees or other stakeholders who are hesitant to change established ways of doing things. In addition, there may be issues related to cybersecurity, data privacy, and regulatory compliance that must be addressed in the context of digital transformation.

1.2 Digital Transformation of Thailand

Thailand has been actively pursuing digital transformation initiatives in recent years, with a focus on leveraging digital technologies to drive economic growth, improve public services, and enhance overall competitiveness. Some key examples of digital transformation efforts in Thailand such as Digital Government, Smart Cities, Digital Economy, and Cyber security.

1.2.1 Digital Government

Thailand's Digital Government Development Agency (DGA) has been working to modernize government services and improve access to public information through digital channels. This includes the development of online portals for citizen services, such as e-tax filing, e-payment, and online business registration (Ark, 2020).

1.2.2 Smart Cities

Thailand has launched several smart city initiatives, aimed at using digital technologies to enhance urban living and address issues such as traffic congestion and air pollution. The city of Bangkok, for example, has launched a smart mobility project that includes real-time traffic monitoring, intelligent transportation systems, and mobile apps for public transportation (Phongsyok, 2019).

1.2.3 Digital Economy

Thailand has also been working to develop a thriving digital economy, with a focus on supporting entrepreneurship and innovation in areas such as e-commerce, fintech, and digital content. The government has established several digital innovation hubs, including the Digital Park Thailand and the Eastern Economic Corridor (EEC) project, which aims to create a high-tech industrial zone to attract foreign investment (Hutanuwatra, 2021).

1.2.4 Cybersecurity

Thailand has recognized the importance of cybersecurity in the context of digital transformation and has established a national cybersecurity agency to oversee the country's cybersecurity strategy. The government has also implemented various measures to improve cybersecurity, such as the Cybersecurity Act, which regulates the use of digital infrastructure and data protection (Srisa-an, 2018).

1.3 Statement of Problem

Digital transformation has become a critical aspect of business strategy in today's fast-paced and technology-driven environment. However, organizations face numerous challenges in the process of digitally transforming their operations, such as outdated legacy systems, resistance to change, lack of digital skills, and inadequate IT infrastructure. To successfully undertake digital transformation, it is essential to identify and understand the key factors that influence the process, including organizational culture, leadership support, employee engagement, data management, cybersecurity, and customer-centricity. Therefore, the problem statement for this study is to investigate the factors that influence the digital transformation process of Thailand.

1.4 Purpose of the Study HE CREATIVE UNIVERSITY

The purpose of this research is to study Factors Influencing Digital Transformation Process in Bangkok. These factors include 12 independent variables: Leadership (LD), Employee (EP), Culture (CT), Work Environment (WE), Mindset (MS), Organizational Friction (OF), Management of Transformation (MT), Talent Acquisition (TA), Leadership & Motivation (LDM), People (PPL), Workplace Culture (WPC) and one dependent variable: Digital Transformation (DT).

1.5 Scope of the Study

The research study surveys the Factors Influencing Digital Transformation Process in Bangkok. The tool for the survey in this research is the questionnaire. The scope of the research study as follow:

1. The research is focus on Leadership, Employee, Culture, Work Environment, Mindset, Organizational Friction, Management of Transformation, Talent Acquisition, Leadership & Motivation, People, Workplace Culture factors that influencing on Digital Transformation process of Bangkok.

2. The research is focus on peoples who are in Bangkok, Thailand and including both males and females.

3. This research study is performed over survey research with the application of questionnaires with a sample size of 400 respondents. Questionnaires were distributed within the areas of Bangkok, Thailand only.

4. The research study was conducted from the period of December 2022 – February 2023.

1.6 Limitations of Research Study

The output of this research study can be appropriate only for the Digital Transformation Process of Bangkok, Thailand. The output of this research study cannot be utilized reliably to other factors, various locations, age groups on data collection and other research methodologies. For the users of this research study must be concerned of these inherent limitations.

1.7 Contribution of the Study

The findings of this current research can be contributed to the individuals, and the related organizations in terms of business managerial implication and academic performance. For individuals, they can know that influencing factors which effect on the Digital Transformation process of Bangkok. The findings can also be applied not only to an academic policy but also to the planning for purpose of better academic performance. For the business managerial implications, the companies can be prepared to peruse the customer and able to provide the suitable management decisions to get a better result for the company by using the findings.

CHAPTER 2 LITERATURE REVIEW

2.1 Theoretical Background

2.1.1 Technology Acceptance Model (TAM) Theory

The Technology Acceptance Model (TAM) Theory suggests that people are more likely to adopt new technologies when they perceive them as useful and easy to use. Venkatesh, Morris, Davis, and Davis (2003) explain that the TAM consists of two factors: perceived usefulness and perceived ease of use. They argue that these factors determine an individual's intention to use a technology.

Perceived usefulness (PU) is a key construct in the Technology Acceptance Model (TAM), which refers to the degree to which an individual believes that using a particular technology will enhance their job performance or overall productivity. The research studies of Davis (1989), Venkatesh, Morris, Davis, and Davis (2003), Moon & Kim (2001), Wu & Wang (2005) and Bhattacherjee (2001) provide empirical evidence that perceived usefulness is a significant determinant of technology adoption and usage. They also demonstrate the utility of the PU construct in a variety of technological contexts, such as the world-wide-web, mobile commerce, and information systems. Furthermore, these studies suggest that factors such as confirmation, expectation, and social influence may influence the perceived usefulness of a technology.

Perceived ease of use (PEOU) is another key construct in the Technology Acceptance Model (TAM), which refers to the degree to which an individual believes that using a particular technology will be free of effort. The research studies of Davis (1989), Venkatesh, Morris, Davis, and Davis (2003), Liaw & Huang (2013), Kim, Lee & Lee (2013), and Yi, Jackson, Park & Probst (2006) provide empirical evidence that perceived ease of use is a significant determinant of technology adoption and usage. They also demonstrate the utility of the PEOU construct in a variety of technological contexts, such as mobile payment and information technology adoption by professionals. Furthermore, these studies suggest that factors such as social influence, perceived risk, and trust may influence the perceived ease of use of a technology.

2.1.2 Resource-Based View (RBV) Theory

The Resource-Based View (RBV) is a theoretical framework that explains how firms can achieve sustainable competitive advantage by utilizing and developing their unique resources and capabilities. RBV suggests that a firm's competitive advantage depends on its internal resources and capabilities, which are difficult to imitate or replicate by competitors. In this way, firms can sustain their competitive advantage in the long run.

One of the key researchers in the development of RBV was Jay Barney. In his article "Firm Resources and Sustained Competitive Advantage" (1991), he proposed that a firm's resources must meet four criteria to be a source of sustained competitive advantage:

Valuable: resources must enable the firm to exploit opportunities or reduce threats in its environment.

Rare: resources must be unique or at least rare in the industry.

Inimitable: competitors should not be able to imitate the resource or capability easily.

Non-substitutable: there should not be any alternative resources or capabilities that can replace the valuable, rare, and inimitable resource or capability.

Another researcher who contributed to the development of RBV is Birger Wernerfelt. In his article "A Resource-Based View of the Firm" (1984), he argued that a firm's resources and capabilities can be organized into a bundle of strategic assets that determine its competitive position in the industry.

RBV has been applied in various fields, including strategic management, international business, and entrepreneurship. For example, researchers have used RBV to explain why some firms are more successful than others in international markets (Liu & Li, 2018) and to identify the key resources and capabilities that enable entrepreneurs to create successful startups (Barney & Clark, 2007).

2.1.3 The Disruptive Innovation Theory

The Disruptive Innovation Theory is originally introduced by Clayton Christensen in his book "The Innovator's Dilemma" in 1997, is a concept that explains how smaller, less-established companies can challenge and eventually displace established market leaders through the introduction of disruptive technologies or business models. The theory has been influential in the field of innovation and strategic management. The key elements of Disruptive Innovation theory are as follows:

Definition of Disruptive Innovation:

Disruptive innovation refers to the process by which a new product or service initially caters to a niche market or a less-demanding customer segment but eventually gains mainstream acceptance, challenging and displacing existing products or services. The disruptive innovation theory identifies two types of innovations: sustaining innovations, which improve existing products for established customers, and disruptive innovations, which create new markets by targeting non-consumers or low-end customers (Christensen, 1997).

Characteristics of Disruptive Innovations:

THE CREATIVE UNIVERSITY Disruptive innovations typically possess certain characteristics, including simpler, more affordable, and more accessible designs compared to established products. They often target underserved customer segments or non-consumers and offer different value propositions that are initially considered inferior by the mainstream market. Over time, disruptive innovations improve and eventually outperform existing products, capturing larger market shares (Christensen, Raynor, & McDonald, 2015).

Disruption and Incumbent Responses:

The theory suggests that incumbent companies, focused on sustaining innovations and serving their existing customers, tend to overlook or dismiss disruptive technologies or business models that initially offer lower performance. As a result, incumbents often fail to respond adequately to disruptive threats, allowing

disruptors to gain a foothold and eventually disrupt the market. Incumbents may also face challenges in embracing disruptive innovations due to conflicting business models and resource allocation (Bower & Christensen, 1995).

The Innovator's Dilemma:

The theory introduces the concept of the "innovator's dilemma," which explains why successful companies can fail to adapt to disruptive innovations. Established companies often face the dilemma of investing in sustaining innovations to meet the needs of existing customers or allocating resources to disruptive innovations that may initially provide lower returns. The focus on sustaining innovations can lead to a blind spot for disruptive threats and hinder the ability to respond effectively (Christensen, 1997).

Application and Examples:

The disruptive innovation theory has been applied to various industries and sectors, including technology, manufacturing, healthcare, and finance. Examples of disruptive innovations include the personal computer, digital photography, online streaming services, and ridesharing platforms. These disruptive innovations fundamentally transformed their respective industries and displaced established companies that failed to anticipate or respond to the disruptive forces (Zott, Amit, & Massa, 2011).

2.1.4 Dynamic capabilities theory

Dynamic capabilities theory refers to the ability of organizations to integrate, build, and reconfigure their internal and external resources to adapt to changes in the environment and sustain competitive advantage. This theory was first introduced by Teece, Pisano, and Shuen (1997) and has since been expanded upon by numerous scholars.

One key aspect of dynamic capabilities theory is the notion of resource reconfiguration. This refers to the ability of firms to transform their resources and capabilities in response to changes in the environment, such as shifting consumer preferences, technological advances, or changes in industry regulation.

Another important aspect of dynamic capabilities theory is the role of knowledge creation and learning. Organizations that are able to continually learn and generate new knowledge are better equipped to adapt to changing environments and sustain competitive advantage.

Dynamic capabilities theory has been applied in a wide range of contexts, from high-tech industries to traditional manufacturing. For example, in the automotive industry, dynamic capabilities have been used to develop new electric and hybrid powertrains in response to changing consumer preferences and stricter emissions regulations (Liu et al., 2021).

2.2 Related Literature

2.2.1 Effect of Talent Acquisition on Digital Transformation

Talent acquisition is the process of attracting, identifying, and hiring skilled and talented individuals to meet the needs of an organization. It is a critical aspect of digital transformation because it enables organizations to acquire the necessary human capital to implement technological changes and innovation. In this response, I will discuss the effect of talent acquisition on digital transformation, supported by relevant references from academic literature.

One of the most significant impacts of talent acquisition on digital transformation is the acquisition of individuals with specialized skills and knowledge. According to De Hauw et al. (2018), organizations that are successful in digital transformation recruit individuals with technical, data analytics, and digital marketing skills. These individuals can help organizations develop and implement digital strategies that enable them to leverage new technologies, processes, and models. By hiring individuals with these skills, organizations can create a workforce that is capable of delivering digital initiatives that align with their strategic objectives.

Another effect of talent acquisition on digital transformation is the creation of a culture that supports innovation and agility. According to PwC (2020), organizations that are successful in digital transformation have a culture that encourages experimentation, risk-taking, and learning from failure. Talent acquisition can play a crucial role in creating this culture by identifying and hiring individuals who are open to new ideas and approaches. These individuals can bring fresh perspectives and innovative ideas that can help organizations transform their processes and services.

Moreover, talent acquisition can help organizations build diverse and inclusive teams that can drive digital transformation. According to McKinsey (2020), diverse teams are more likely to generate creative and innovative solutions. They can also help organizations better understand the needs and preferences of their customers and stakeholders, enabling them to deliver digital services that meet their expectations. By hiring individuals with diverse backgrounds and perspectives, organizations can create a workforce that reflects the communities they serve.

2.2.2 Effect of Leadership Management on Digital Transformation

Digital transformation is the process of using digital technologies to fundamentally change how an organization operates and delivers value to customers. Effective leadership and motivation are crucial for the success of digital transformation initiatives.

Leadership plays a critical role in shaping the vision, strategy, and implementation of digital transformation efforts. Leaders must provide clear guidance on how digital technologies can enable the organization to achieve its strategic objectives. They must also communicate the benefits of digital transformation to employees, customers, and stakeholders, and build a culture that supports digital innovation and experimentation.

Motivation is equally important in driving digital transformation. Employees must be motivated to adopt new technologies and processes, and to embrace the changes that come with digital transformation. Motivation can be achieved through a variety of mechanisms, including incentives, training and development programs, and supportive leadership. THE CREATIVE UNIVERSITY

Research has shown that effective leadership and motivation are key drivers of successful digital transformation initiatives. A study by Deloitte (2017) found that organizations with strong digital leadership were nearly twice as likely to have successful digital transformation initiatives compared to those with weak digital leadership. Another study by MIT Sloan Management Review (2020) found that organizations with a strong focus on employee motivation were more likely to achieve their digital transformation goals.

2.2.3 Effect of People on Digital Transformation

Digital transformation is a process that involves the integration of digital technology into all areas of an organization, resulting in fundamental changes to how businesses operate and deliver value to their customers. However, the success of digital transformation initiatives depends on several factors, one of which is the role of people in the process.

Studies have shown that people are crucial to the success of digital transformation initiatives. In particular, the attitudes, skills, and behaviors of employees can have a significant impact on the adoption and implementation of digital technologies within an organization. For example, a study by McKinsey & Company (2018) found that organizations that prioritized the development of digital skills among their employees were more likely to succeed in their digital transformation efforts.

Similarly, a study by MIT Sloan Management Review found that companies that had a strong digital culture - one that encouraged experimentation, innovation, and risk-taking - were more likely to achieve digital transformation success. The study also found that companies that invested in employee training and development, and created a supportive environment for digital innovation, were more likely to achieve successful digital transformation.

Another critical factor in the success of digital transformation is the leadership's commitment to the process. Leaders must provide a clear vision for digital transformation and communicate the benefits to employees to gain their buyin. In addition, leaders must prioritize digital initiatives, allocate the necessary resources, and hold themselves accountable for the success of the process.

2.2.4 Effect of Workplace Culture on Digital Transformation

Workplace culture can have a significant impact on the success of digital transformation initiatives within an organization. A positive culture that encourages collaboration, experimentation, and innovation can help drive adoption of new technologies and processes. Conversely, a negative or stagnant culture can hinder progress and lead to resistance to change.

Research by Deloitte (2017) found that culture was a key factor in the success of digital transformation efforts, with 87% of respondents saying that culture was important or very important. In addition, organizations with a strong culture of innovation were found to be 3.5 times more likely to be high performers in digital transformation.

Another study by MIT Sloan Management Review and Deloitte found that cultural factors, such as a willingness to experiment and a focus on customer experience, were more important predictors of digital transformation success than technology factors. The study also highlighted the importance of leadership in shaping culture and driving change.

A Harvard Business Review article (2017) suggests that a culture of experimentation is essential for digital transformation, allowing organizations to test and iterate on new ideas quickly. The article notes that this type of culture requires leaders to create an environment that encourages risk-taking and learning from failure.

2.3 Hypothesis

H1: Talent Acquisition will have the effect on Digital Transformation Process.

H2: Leadership Management will have the effect on Digital Transformation Process.

H3: People will have the effect on Digital Transformation Process.

H4: Workplace Culture will have the effect on Digital Transformation Process.



The Hypothesized Model

Figure 2.1: The Hypothesized Model



First-order variables: Leadership (LD), Employee (EP), Culture (CT), Work Environment (WE), Mindset (MS), Organizational Friction (OF), Management of Transformation (MT), Talent Acquisition (TA), Digital Transformation (DT). Secondorder variables: Leadership & Motivation (LDM), People (PPL), Workplace Culture (WPC)

CHAPTER 3 RESEARCH METHODOLOGY

In this chapter, the researcher defined the strategy of research and methods were used in this present research. Methodology is recommended and reasoned as well as strategies were used in this present research. It includes research strategy, identification of the population and sample size, explanation of the instrument of research for data collection and the process of data collection.

3.1 Research Strategy

In this study, a quantitative research method was employed to achieve the research objectives, which was to investigate the factors that influence Digital Transformation process. The researcher utilized questionnaires as a survey tool to collect and analyze data. The questionnaire was constructed based on relevant theories and approved by experts.

Quantitative research methods can be categorized into three types: descriptive, experimental, and casual comparative. This study adopted a casual comparative approach, which focuses on examining how the independent variables affect the dependent variable as part of cause-and-effect relationships, with a particular emphasis on the interaction between independent variables and the dependent variable (Williams, 2007).

The research sample was carefully selected from the population using a combination of convenient and purposive sampling methods. Inferential statistics, descriptive statistics, and Structural Equation Modelling (SEM) for Factor Analysis were the statistical techniques used for data analysis and interpretation.

3.2 Measurement of Instrument 3.2.1 Content Validity

The Researcher carefully analyzed each question in the questionnaire to ensure that it was valid and accurately measured the intended objective. They used a method called Item Objective Congruence (IOC) to evaluate the relationship between the questions and their intended objective or content. In order to determine the validity of the questionnaire, the Researcher sought the opinions of three experts, and the mean value of their judgments on each statement in the questionnaire was used as a basis. The Researcher took into consideration the feedback from these experts and used it to construct the questions in the questionnaire. The IOC method was applied by the Researcher to assess the consistency between the objective and content of the questionnaire, or between the questions and their intended objective.



IOC = The result for Item Objective Congruence Index $\sum R$ = Total evaluated points given from each expert

N = Number of qualified experts

There are three scales of rating for each question of the questionnaires to be evaluated for IOC:

+1: The question is consistent and comprehensive with the objective of the questionnaire.

0: The question is uncertain or unclear with the objective of the questionnaire.

-1 : The question is inconsistent and incomprehensible with the objective of the questionnaire.

Project values with a score lower than 0.66 will be considered invalid, but project values higher than or equal to 0.66 can be studied. Therefore, with the help and feedback of four experts, my research can obtain content validity by calculating the following results.



No.	Io. Expert		bert Expert		rt	Expert		∑R	IOC			
		1			2			3				Data analysis
	-1	0	1	-1	0	1	-1	0	1			
Q 1.1			1			1			1	3	1	Acceptable
Q 1.2		0				1			1	3	1	Acceptable
Q 1.3		1				0		1		2	0.66	Acceptable
Q 2.1			1			1			1	3	1	Acceptable
Q 2.2			1			1			1	3	1	Acceptable
Q 2.3			1			1			1	3	1	Acceptable
Q 2.4			1			1			1	3	1	Acceptable
Q 2.5			1	R		1	C			3	1	Acceptable
Q 2.6			1			- 1-			1	3	1	Acceptable
Q 2.7		0		U		1			1	2	0.66	Acceptable
Q 2.8		1			GR	0	VEU	ηγινι	<u>-KSH</u>	2	0.66	Acceptable
Q 2.9			1			1			1	3	1	Acceptable
CT 1			1			1			1	3	1	Acceptable
CT 2			1			1			1	3	1	Acceptable
CT 3			1			1			1	3	1	Acceptable
WE 1			1			1			1	3	1	Acceptable
WE 2			1			1			1	3	1	Acceptable
WE 3			1			1			1	3	1	Acceptable
MS 1			1			1			1	3	1	Acceptable

Table 3.1: Table of Content Validity

(Continued)

MS 2		1			1			1	3	1	Acceptable
MS 3		1			1			1	3	1	Acceptable
OF 1		1			1			1	3	1	Acceptable
OF 2		1			1			1	3	1	Acceptable
OF 3		1			1			1	3	1	Acceptable
MT 1		1			1			1	3	1	Acceptable
MT 2		1			1			1	3	1	Acceptable
MT 3		1		0				1	2	0.66	Acceptable
TA 1		1			1			1	3	1	Acceptable
TA 2		1			1			1	3	1	Acceptable
TA 3		1	B		1	G			3	1	Acceptable
EP1		1			1		S	1	3	1	Acceptable
EP 2		1	THF	CR	1 FATI	VF I	INIV	1 RSIT	3	1	Acceptable
EP 3		1			1			1	3	1	Acceptable
LD 1		1			1			1	3	1	Acceptable
LD 2		1			1		0		2	0.66	Acceptable
LD 3		1			1			1	3	1	Acceptable
DT 1		1			1		0		2	0.66	Acceptable
DT 2		1		0				1	2	0.66	Acceptable
DT 3		1			1			1	3	1	Acceptable

Table 3.1 (Continued): Table of Content Validity

The Item Objective Congruence (IOC) index should be the value of at least 0.5 or above to be accepted. After receiving feedback from the four qualified experts, the reviews were made to ensure that each question has an index value more than 0.5.

The result of the IOC is shown as below

$$IOC = \frac{36.6}{38}$$
$$= 0.93$$

According to the IOC results of the 38 questions in the questionnaire, the Item Objective Congruence (IOC) index value is 0.93.



3.2.2 Reliability

The value of Cronbach's alpha coefficient is using by the researcher to measure the reliability of the Questionnaire. The researcher was performed 30 peoples as a sample for the pilot test and afterward enter the data into IBM SPSS 23 statistical software. The value of Cronbach's alpha coefficient of the questionnaire must be greater than 0.70 for all parts, therefore the questionnaire is considered as reliable (Taber, 2018).

Cronbach's alpha coefficient	Reliability Level	Desirability Level	
0.80 - 1.00	Very High	Excellent	
0.70 - 0.79	High	Good	
0.50 - 0.69	Medium	Fair	
0.30 - 0.49	Low	Poor	
Less than 0.30	Very Low	Unacceptable	

Table 3.2: Criteria of Cronbach's Alpha Coefficient

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Statement of each part	Alpha Coefficient	Accepted/ Not
Leadership	0.814	Accepted
Employee	0.893	Accepted
Culture	0.827	Accepted
Work Environment	0.875	Accepted
Mindset	0.905	Accepted
Organizational Friction	0.921	Accepted
Management of Transformation	0.915	Accepted
Talent Acquisition	0.857	Accepted
Leadership & Motivation	0.864	Accepted
People	0.806	Accepted
Workplace Culture	0.902	Accepted
Digital Transformation	0.925	Accepted
All Factors	0.882	Accepted

Table 3.3: The Result of Cronbach's Alpha Test from 30 Samples: All Factors

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3.4 Population and Sample Size

3.4.1. Population

Population can be described as the people who lived in Bangkok, Thailand. The target population including the native and foreigners who live, work and study in Bangkok not lower than 1 year.

3.4.2 Sample size

Structural Equation Modeling (SEM) is a powerful and versatile technique that extends the generic linear model. Like other statistical methods, SEM has a set of assumptions that must be met or approximated to ensure accurate results. One of the main challenges in SEM is determining the appropriate sample size, which unfortunately has no general method for selection.

Bentler and Chou (1987) suggest that researchers use at least 5 examples for each parameter estimate in SEM analysis, assuming that the data is well-behaved (e.g., no missing data, normally distributed, etc.). Additionally, they recommend that researchers use 5 cases per parameter estimate instead of every observed variable. Since measured variables usually have at least one path coefficient related to another variable in the analysis, as well as a residual term or variance estimate, it is important to follow the recommendations of Bentler, Chou, and Stevens and have a minimum of 15 cases per measured variable. Most of the researchers are recommended to using the sample size of 200 or 5/10 cases per parameters at least (Kline, 2005).

Moreover, the outcomes of the simulation of Monte Carlo which is studying the use of confirmatory factor analysis models (Loehlin, 1992). After assessing his literature, he realizes that for this kind of model with 2 to 4 factors, the researchers should have a plan on collecting at 100 cases minimum, 200 cases is better (if possible). Consequences of using the smaller samples contain of more convergence failures (the software cannot make a acceptable solution), lowered precision of parameter estimates, inappropriate solutions (together with the negative error variance estimates for measured variables), and especially, standard errors – SEM program standard errors are computed under the assumption of large sample sizes. However, in the case of data are not normally distributed or are otherwise imperfect in some way (almost always the case), larger size of samples is required. It is hard to get the complete recommendations for what sample sizes are required when the data are skewed, incomplete, kurtotic, or else less than perfect. The common recommendation is to obtain more data when possible. Although in this research study is using 400 samples. The 400-sample size is often considered as the most "cost effective" sample size and it gives the statistical accuracy of $\pm 5\%$.

3.5 Data Analysis

The collected Data was analyzed by using the IBM SPSS Amos 23.0.0.0 and IBM SPSS Statistics 23.0.0.0 software. The output data will be presented in this research with the format of tables all along with the respective descriptions. The appropriate descriptive statistics of the sample are stated in Chapter 4. The Factor Analysis statistical method is employed to analyze the collected data with the purpose of analyze the Factors Influencing Digital Transformation Process of Bangkok, Thailand.



CHAPTER 4 DATA ANALYSIS

In this chapter, the researcher will show the research findings which resulting from the data analysis were presented as follows:

Part 1: Factor loading and Rotated Matrix

Part 2: Correlation of Variables

Part 3: Hypothesis

4.1 Factor loading and Rotated Matrix

Table 4.1: The Results of Factor Loading and Rotated Matrix

KMO and B	artlett's Test	
КМО	.910	
Chi-Square	11863.800	
Df	435	ANGKUI
Sig	.000	NIVEDCIT
	. U	INIVERGII

Based on the Kaiser-Meyer-Olkin (KMO) test and the Bartlett's test of sphericity, the data in the above table were deemed appropriate for factor analysis. The KMO value was 0.910, which is higher than the recommended threshold of 0.80, indicating that the data were suitable for factor analysis. The significance level of the Bartlett's test of sphericity also confirmed that the data met the assumptions of factor analysis.

	Component							
	1 LDM		3 WPC	4 TA				
	Leadership &	2 PPL	Workplace	Talent				
	Motivation	People	Culture	Acquisition				
LD1	.707	.100	.330	.230				
LD2	.673	.336	.133	.297				
LD3	.248	.683	.193	.167				
EP1	.335	.763	.011	.318				
EP2	.140	.450	.161	.690				
EP3	.567	.283	.007	.455				
CT1	.207	.355	.617	.425				
CT2	.571	.217	.503	.271				
CT3	.429	.273	.492	.391				
WE1	.343	.250	.769	.092				
WE2	.334	.419	.714	025				
WE3	.171	011	.775	.320				
MS1	.291	.645	.336	.339				
MS2	.676	.413	.232	.241				
MS3	.632	.419	.209	.286				
OF1	.371	.624	.362	.184				
OF2	.138	.126	.468	.462				
OF3	.733	.277	.244	.193				
MT1	.676	.387	.209	.078				
MT2	.729	.283	.210	.228				
MT3	.744	.087	.358	.239				
TA1	.355	.196	.284	.722				
TA2	.447	.276	.275	.585				
TA3	.506	.159	.199	.663				
DT1	.570	.440	.276	.246				
DT2	.554	.550	.291	.200				
DT3	.602	.316	.317	.466				

Table 4.2: The Results of Rotated Component Matrix

Rotated Component Matrix^a

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 9 iterations.

The above table presents the results of a Principal Component Analysis (PCA) with Varimax rotation and Kaiser normalization. The analysis aimed to identify the underlying factors or components of a set of variables related to Leadership & Motivation, People, Workplace Culture, Talent Acquisition, and Digital Transformation.

The table shows the Rotated Component Matrix, which displays the correlations between the variables and the extracted components after rotation. Each row represents a variable, and each column represents a component. The values in the table represent the factor loadings, which indicate the correlation between a variable and a component.

4.2 Correlation of the Variables

This section reviews the various goodness-of-fit criteria for testing the model in the following manner. Model evaluation uses root mean square residuals (RMR) as one of the review criteria, and a model is considered good or satisfactory if the RMR value is low. RMR is the root mean square of the residuals. RMR is the sum of the squares of the sample variances and covariances minus the corresponding estimated variances and covariances, and the square root of the mean. RMR is acceptable if it is less than 0.08. The smaller the RMR, the better the fit the smaller the RMR, the higher the goodness of fit. The goodness-of-fit index (GFI) is a measure of goodnessof-fit that ranges from 0 to 1 but can theoretically be a negative number with no significance. By convention, the GFI should be equal to or greater than 0.90 for the model to be considered acceptable. The adjusted goodness-of-fit index (AGFI) is the adjusted GFI value and should be greater than 0.9 or more for the model to be considered acceptable. Parsimonious normed fit index (PGFI) determines whether the research model is too complex, and the same sample information but similar models are better with a larger parsimonious index. Usually PGFI >0.50, the model is considered satisfactory.

Table 4.3: SEM Result

SEM Result

RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Default model	.040	.902	.800	.450

Baseline Comparisons

	NFI	RFI	IFI	TLI	
Model	Delta1	rho1	Delta2	rho2	CFI
Default model	.870	.771	.900	.808	.903
			VER		

RMSEA

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Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.04	.038	.047	.755

Based on the fit indices used to assess our model, it appears that the model fits well. The RMSEA, which measures how far the hypothesized model deviates from a perfect model, has a value of .04 (< .05), indicating a close fit. Additionally, the Goodness of Fit Index (GFI) value is .902 (> .90), which further supports a good fit. Furthermore, the Comparative Fit Index (CFI), which compares the fit of our model to a baseline model with the worst fit, has a value of .903, suggesting an acceptable fit.

4.3 Hypothesis Result

Table 4.4: Hypothesis Result

Regression Weigh	ts: (Group number 1 - Default model)

		Estimate	S.E.	C.R.	Р	Label
DT <	ТА	.193	.024	7.940	***	
DT <	LDM	.260	.037	7.020	***	»
DT <	PPL	.003	.033	.079	.937	
DT <	WPC	.067	.025	2.635	.008	

Talent Acquisition (TA), Leadership & Motivation (LDM), and Workplace Culture (WPC) seem to have significant effects on Digital Transformation (DT) process due to their p-values are all less than .05.

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CHAPTER 5 CONCLUSION AND DISCUSSION

5.1 Discussion

5.1.1 Discussion on Hypothesis Result

H1: Talent Acquisition have the effect on Digital Transformation Process.

H2: Leadership Management have the effect on Digital Transformation Process.

H3: People do not have the effect on Digital Transformation Process.

H4: Workplace Culture have the effect on Digital Transformation Process.

According to our SEM result, Talent Acquisition (TA), Leadership & Motivation (LDM), and Workplace Culture (WPC) seem to have significant effects on Digital Transformation (DT) process due to their p-values are all less than .05. That means if corporates focus more on acquiring new talent and at the same time improve corporate leadership and motivation and workplace culture, they will be more likely to be successful in digital transformation which is necessary condition for all organizations to be sustainable going forward.

5.2 Conclusion

Talent acquisition is a critical aspect of digital transformation that enables organizations to acquire the necessary human capital to implement technological changes and innovation. By hiring individuals with specialized skills and knowledge, creating a culture that supports innovation and agility, and building diverse and inclusive teams, organizations can transform their processes and services and remain competitive in the digital age.

Much Research were shown that effective leadership and motivation are key drivers of successful digital transformation initiatives. A study by Deloitte found that organizations with strong digital leadership were nearly twice as likely to have successful digital transformation initiatives compared to those with weak digital leadership. Another study by MIT Sloan Management Review found that organizations with a strong focus on employee motivation were more likely to achieve their digital transformation goals.

People are an essential factor in the success of digital transformation initiatives. Organizations must prioritize the development of digital skills, create a supportive digital culture, and provide strong leadership to ensure the successful adoption and implementation of digital technologies. However the current research is contrary to previous researches which means that people are no longer essential factor to success of Digital Transformation process in Bangkok.

Overall, the evidence suggests that workplace culture plays a crucial role in digital transformation success. By fostering a positive, innovative culture that embraces change and experimentation, organizations can better position themselves to succeed in the digital age.

5.3 Recommendations for Future Research

The generalizability of the findings are the limitations of this study. The sample used in this research was targeted on all age groups. So that future research should be choosing the certain age groups. The different viewpoints of confirmatory factor analysis (CFA) can also be applied on the factors which were reviewed in this research to find further inside on the Study of Factors Influencing Digital Transformation Process in Bangkok. Moreover, the different Structural construct and model can be used based on the factors discussed in the paper.



BIBLIOGRAPHY

- Ark, P. (2020). Thailand's Digital Transformation Journey. Retrieved from https://www.aseanbriefing.com/news/thailands-digital-transformation-journey/
- Barney, J. B. (1991). Firm resources and sustained competitive advantage. *Journal of Management, 17*(1), 99-120.
- Barney, J. B., & Clark, D. N. (2007). Resource-Based Theory: Creating and Sustaining Competitive Advantage . Oxford: Oxford University Press.
- Bentler, P., & Chou, C.-P. (1987). Practical Issues in Structural Equation Modeling. Sociological Methods & Research, 16(1), 78-117.
- Bhattacherjee, A. (2001). Understanding information systems continuance: An expectation-confirmation model. *MIS Quarterly*, *25*(3), 351-370.
- Bower, J. L., & Christensen, C. M. (1995). Disruptive Technologies: Catching the Wave. *Harvard Business Review*, 73(1), 43-53.
- Christensen, C. M. (1997). The Innovator's Dilemma: When New Technologies Cause Great Firms to Fail. Boston: Harvard Business School Press.
- Christensen, C. M., Raynor, M. E., & McDonald, R. (2015). *What is Disruptive Innovation?* Retrieved from https://hbr.org/2015/12/what-is-disruptive-innovation
- Davis, F. D. (1989). Perceived usefulness, perceived ease of use, and user acceptance of information technology. *MIS Quarterly*, *13*(3), 319-340.
- De Hauw, S., De Vos, A., & De Clippeleer, I. (2018). Digital transformation and the skills agenda: A view from the EU. *European Journal of Training and Development, 42*(5/6), 320-333.

Deloitte. (2020). *Deloitte*. Retrieved from https://www2.deloitte.com/content/dam/Deloitte/us/Documents/publicsector/us-digital-disruption-in-government.pdf

- Deloitte. (2017). Accelerating Digital Transformation in the Workplace. Retrieved from https://www2.deloitte.com/global/en/pages/humancapital/articles/digital-transformation-workplace.html
- Harvard Business Review . (2017). *Creating a Culture of Experimentation*. Retrieved from https://hbr.org/2017/06/creating-a-culture-of-experimentation
- Harvard Business Review . (2017). *Why digital transformation is now on the CEO's shoulders*. Retrieved from https://hbr.org/2017/03/why-digital-transformationis-now-on-the-ceos-shoulders
- Hutanuwatra, P. (2021, January 12). *Thailand 4.0 and the Digital Economy*. Retrieved from https://www.nationthailand.com/business/30401275
- Kline, R. (2005). *Principles and Practice of Structural Equation Modeling* (2nd ed.). New York: The Guildford.
- Lamarre, E., Smaje, K., & Zemmel, R. (2023). *Rewired: The McKinsey Guide to Outcompeting in the Age of Digital and AI* (1st ed). New Jersey: Wiley.
- Liaw, S. S., & Huang, H. M. (2013). Perceived ease of use and perceived usefulness on technology acceptance: A validation of the UTAUT model. *Social Behavior and Personality: An International Journal*, 41(3), 479-488.
- Liu, C., & Li, Y. (2018). The resource-based view and international business. *Journal* of International Business Studies, 49(6), 678-689.
- Loehlin, J. (1992). Genes and environment in personality development. Califonia: Sage.
- McKinsey & Company. (2018). *Digital transformation: Improving the odds of success*. Retrieved from . https://www.mckinsey.com/businessfunctions/digital-mckinsey/our-insights/digital-transformation-improving-theodds-of-success
- McKinsey & Company. (2020). *Diversity wins: How inclusion matters*. Retrieved from https://www.mckinsey.com/business-functions/organization/our-insights/diversity-wins-how-inclusion-matters

- Moon, J. W., & Kim, Y. G. (2001). Extending the TAM for a world-wide-web context. *Information & Management*, 38(4), 217-230.
- Phongsyok, A. (2019). *Smart Cities in Thailand: Opportunities for Investment*. Retrieved from https://investasean.aseanbriefing.com/smart-cities-thailandopportunities-investment/
- PwC. (2020). Talent trends. Retrieved from https://www.pwc.com/gx/en/services/people-organisation/publications/talenttrends-2020.html
- Srisa-an, A. (2018). Cybersecurity in Thailand: Policies and Challenges. Journal of Cyber Policy, 3(3), 357-376.
 doi:https://doi.org/10.1080/23738871.2018.1479376
- Taber, K. S. (2018, December). The Use of Cronbach's Alpha When Developing and Reporting Research Instruments in Science Education. *Research in Science Education*, 48, 1273–1296.
- Teece, D. J., Pisano, G., & Shuen, A. (1997). Dynamic capabilities and strategic management. Strategic Management Journal, 18(7), 509-533.
- Venkatesh, V., Morris, M. G., Davis, G. B., & Davis, F. D. (2003). User acceptance of information technology: Toward a unified view. *MIS Quarterly*, 27(3), 425-478.
- Wernerfelt, B. (1984). A resource-based view of the firm. *Strategic Management Journal*, 5(2), 171-180.
- Williams, C. (2007, March 1). Research Methods. Journal of Business & Economics Research (JBER), 5(3). doi:doi:10.19030/jber.v5i3.2532
- Wu, J. H., & Wang, S. C. (2005). What drives mobile commerce? An empirical evaluation of the revised technology acceptance model. *Information & Management*, 42(5), 719-729.

- Yi, M. Y., Jackson, J. D., Park, J. S., & Probst, J. C. (2006). Understanding information technology acceptance by individual professionals: Toward an integrative view. *Information & Management*, 43(3), 350-363.
- Zott, C., Amit, R., & Massa, L. (2011). The Business Model: Recent Developments and Future Research. *Journal of Management*, 37(4), 1019-1042.





APPENDIX



Appendix 1: Questionnaire QUESTIONNAIRE:

Leadership, Employee, Culture, Work Environment, Mindset, Organizational Friction, Management of Transformation, Talent Acquisition, Digital Transformation

Influencing Digital Transformation Process in Bangkok

This survey research was aimed to comprehend the factors Influencing Digital Transformation Process in Bangkok. This study is a part of Independent Study, Graduate School, Bangkok University. This Questionnaire consists of 9 pages, 2 parts with 45 questions and should take 6 to 10 minutes of your time.

I would appreciate it if you could contribute any fact and useful information truthfully by filling out the questionnaire. The information provided will be treated highly confidential and will be used solely for the purpose of academic resources.

Thank you for taking the time in filling this questionnaire.

MBA Student, Bangkok University

Part I: Study of The Factors Influencing Digital Transformation Process in Bangkok

Explanation:

Please mark \checkmark the choices that correspond to your opinions.

Q1.1: Are you currently working?

Yes (if yes what sector is it? Private Public)

No

Q1.2: What industry are you in?

- Q1.3: Do you consider your organization being digitally transformed?
 - Yes

No



Q2. Please circle the choices that correspond to your opinions. Please rank the following potential factors you think might influence digital transformation on your answer in Q1.4 from the scale of 0 to 7: 0(no effect), 1(minimum effect), 2(mild),, 7(maximum effect)

	0	1	2	3	4	5	6	7
2.1 Leadership								
	0	1	2	3	4	5	6	7
2.2 Employee								
	0	1	2	3	4	5	6	7
2.3 Culture								
	0	1	2	3	4	5	6	7
2.4 Work Environm	ment			л Г. DC				
	0	1	2	3	4	5	6	7
2.5 Mindset		IE CRE	-AIIVI	L UNI	/ERSI	ΙΥ		
	0	1	2	3	4	5	6	7
2.6 Organizational Friction								
	0	1	2	3	4	5	6	7
2.7 Management of Transformation								
	0	1	2	3	4	5	6	7
2.8 Talent Acquisition								
	0	1	2	3	4	5	6	7
2.9 Digital Transformation								
	0	1	2	3	4	5	6	7

Q3. Please rank the followings on the scale of 1 to 5: 1(strongly disagree), 2(somewhat disagree), 3(neutral), 4(somewhat agree), 5(strongly agree)

1 2 3 4 5

3.1 Leadership (LD)

3.1.1 I believe leadership is among the most critical key success factor in digital transformation of any organization.

1 2 3 4 5

3.1.2 I believe the right leader could speed up digital transformation to stay competitive.

1 2 3 4 5

3.1.3 I believe there are only certain types of leadership that could make this process successful such as change leadership, transformational leadership but not democratic or autocratic leadership.

3.2 Employee (EP)

3.2.1 I believe poor employee uptake could slow down this process.

1 2 3 4 5

3.2.2 I believe the educational level of employees could affect this process.

2

1 2 3 4 5

3.2.3 I think employee exposure to the digital world could affect this process.

3.3. Culture (CT)

3.3.1 I believe culture is among the most critical key success factors in digital transformation of any organization.

1 2 3 4 5

3.3.2 I believe the right culture could speed up digital transformation to stay competitive.

1 2 3 4 5

3.3.3 I believe organizations that have a good mix of people coming from different cultural backgrounds could help speed up this process.

1 2 3 4 5

5

3.4. Work Environment (WE)

3.4.1 I believe the work environment is among the most critical key success factor in digital transformation of any organization.

2

3.4.2 I believe work conditions and environments in the companies that are more contemporary could easily influence employees to be more adaptive/accepted to this process for instance.

1 2 3 4 5

3.4.3 I believe companies in the modern office buildings are more likely to accept digital transformation much faster than those situated alone or in the old buildings.

3.5 Mindset

3.5.1 I believe mindset is among the most critical key success factor in digital transformation of any organization.

1 2 3 4 5

3.5.2 I believe the right kind of mindset (open mindset, more adaptive mindset) could speed up digital transformation to stay competitive.

1 2 3 4 5

3.5.3 Even though mindset could become a barrier to this process. But with the right leader, culture, exposure, work condition & environment, mindset could be changed in favor of this process.

1 2 3 4 5

3.6. Organizational Friction (OF)

3.6.1 I believe organizational friction is among the most critical key success factor in digital transformation of any organization.

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3.6.2 I believe companies in certain industries that are monopoly or oligopoly or those who enjoy their leading positions for so long might not feel the need for digital transformation.

1 2 3 4 5

3.6.3 Organizations that don't manage their workforce attitude/aptitude well enough through miscommunication, no feedback system, no engagement/empowerment, no skills/reskills, not enough HRD, etc., they are more likely to fail this process.

3.7 Management of Transformation (MT)

3.7.1 I believe management of transformation is among the most critical key success factor in digital transformation of any organization.

1 2 3 4 5

3.7.2 I believe the digital transformation project that is well planned out based on organization characteristics with the right strategy tailor-made to each particular set of problems are more likely to succeed.

1 2 3 4 5

3.7.3 Ability to execute these digital transformation plans is also as important as the plan itself.

1 2 3 4 5

3.8 Talent Acquisition (TA)

3.8.1 I believe talent acquisition is among the most critical key success factor in digital transformation of any organization.

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3.8.2 I believe HR might need to identify and/or acquire the right talents before starting this process.

1 2 3 4 5

3.8.3 I believe talents can help digitally transformed in a lot of ways from being change agents/catalyst, being project/process leader, changing mindset, being role model, etc.

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3.9 Digital Transformation (DT)

3.9.1 I believe digital transformation is important for all organizations these days.

1 2 3 4 5

3.9.2 I believe in order to be competitive and sustainable, companies need this transformation.

1 2 3 4 5

3.9.3 I believe digital transformation will become a norm of any organizations that want to survive.

3

5

4

2

1



PART II: Demographic Information

Instruction: Please answer the following question and put \checkmark in \blacksquare that matches you most.

2. Married

1. Gender

1. Male 2. Female

2. Age

- 1. 18 to 23 years 2. 24–29 years old
- 3. 30-39 years old 4. 40-49 years old
- 5. Equal and over 50 years old

3. Status

- 1. Single
- 3. Divorced/ Widowed/ Separated

4. Level of education

- 1. Under bachelor's Degree 2. Bachelor's degree
- 3. Master's Degree 4. Doctorate Degree
- 5. Others, Please Specify

5. Monthly income

- 1. Less than and equal to 15,000 baht
 2. 15,001-30,000 baht

 3. 30,001-50,000 baht
 4. 50,000- 100,000 baht
- 5. 100,001-150,000baht 6. More than 150,000 baht

6. Professional Status

- 1.State enterprise employee
- 3. Self-Employed
- 5. Retired

- 2. Private employee
- 4. Searching for a job
- 6. Students

****** Thank you for your cooperation******



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