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STUDY ON SUCCESS FACTORS TO ENHANCE CUSTOMER TRUST FOR MOBILE COMMERCE IN SMALL AND MEDIUM-SIZED TOURISM ENTERPRISES (SMTEs) – A CONCEPTUAL MODEL

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ABSTRACT

Even though mobile technologies and wireless communication are growing at a very rapid phase all over the world, still the development of mobile commerce is hindered by a lot of aspects. Researchers all over the world are actively studying on this domain to understand the factors that affect the adoption of M-commerce. A lot of studies have recognized that 'trust' is an crucial factor that impacts the adoption of M-commerce in a lot of domains, including the Small and Medium-sized Tourism Enterprises (SMTEs). Nevertheless it is not an easy task to make the customers to trust M-commerce for various reasons. Hence, based on previous studies, this paper has identified the factors that influence the customer's trust of M-commerce adoption in SMTEs. Based on the above statement, this study has proposed hypothetical model for the purpose of studying trust and its precursors such as Familiarity with M-commerce and calculation-based trust, towards the adoption of M-commerce in SMTEs.

Keywords: Consumer Trust, Developing Countries (DC), Mobile Commerce (M-commerce), Small And Medium-Sized Tourism Enterprises (SMTEs), Trust Model

1. INTRODUCTION

Generally trust or trustworthiness is a vital aspect in a lot of financial activities, which could engage unwanted partiality activities. Even though the idea of trust has been studied in various fields, their viewpoints on it will vary; however some general prospects can be found. Trust includes two participants: trustor and trustee. The process of building trust might involve some risks, which are inevitable. The trustors believe that the trustee will not deceive their risk-assuming behavior [52]. In a earlier research, trust has been perceived or defined in different ways, therefore the literatures on trust are reasonably widespread; nevertheless, frequently there is a lack of accord and focus of effort, even within a specific field, but scholars from all the discipline have acknowledged the value of trust [51] [78]. Based on cross-disciplinary collection of scholarly articles, [68] have defined trust as "a psychological state comprising the intention to vulnerability based upon positive expectations of the intentions or behavior of another".

According to [24], the significance of trust lies in communicating with people, who are inexorably independent and not completely predictable, blended with an instinctive necessitate comprehending the actions of others, and providing people with a vast complexity. The unfeasibility of being in charge of others activities or even just completely realizing their motive makes this complexity so astounding that it can actually restrain intentions to perform a lot of behaviors. As people have to constantly cooperate on such impulsive situations, they use various approaches for minimizing this devastating complexity. Devoid of the approaches that minimize complexity, people could not cooperate with others more than once, and perhaps would not like to cooperate. Trust is one of the prominent and effectual complexity reduction methods; therefore it is a crucial aspect in relations [47], especially in the case of relations that are not completely controlled by rules and regulations [22].

Regardless of the proof of the significance of trust in interactions, still there is a knowledge gap in formulating and hypothesizing trust in the context of

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M-commerce. Trusting intentions (TI) specifies the a strategic tool in small and medium-sized enterprises compliance of an individual to depend on the M- especially in tourism sector. The reason for this is vendor. [5] has stated that it is probable that an from the following: individual to have a trusting belief in somebody but refrain from depending on their actions. Trusting beliefs and intentions vary from person to person but they are cross situational, where on will trust the other in various contexts [40].

According to [51] [62] [34], in online environment the contemplated trust, allows customers to wantonly become exposed to web retailers based on the characteristics of the retailers. Trust is significant because it enables customers to avoid the views of hesitation and peril and involve in "trust-related behaviours" with vendors, such as sharing personal information or purchasing online [51]. Trust issue is primarily significant to the people who are unable to assure that the information acquired from different sources is always reliable [1]. Theoretically, there are many viewpoints of trust:'

1.1 Trust in ICT

According to [4], small businesses probably evade ICT into their business strategy, if the organizations seem it difficult. Despite the need of augmented 1.2 customer trust in electronic business and information exchange [37], the lack of trust in new technologies by SMEs is one of major constraints for adoption of ICTs [59]. The small and medium businesses are slower than large business organizations in adopting the new ICTs. However whether small or big, trust is an essential aspect are necessary among business partners [64].

According to [4], ICT is capable of improving information and knowledge management in a firm and augment the pace and dependability of communication for both, business-to-business (B2B) affecting the behavior of consumer and it determines and business-to-consumer (B2C) transactions. Apart from this, they have also elucidated the facilities provided by ICT, through which a firm can transmit real-time information and construct closer association with dealers or business associates and clients. Trust is the enduring and steady primary element to promote the application of cooperation. Business organizations particularly SME cooperate with each other due to the globalization market and tailored needs, which needs more flexibility. However, by improving the use of ICT, the process of adoption is eased [9]. Nevertheless, the SMEs which have endowed in ICT systems were not successful in implementing and maintaining these systems effectively [4].

According to [70], the ICT applications and their associated with

- The immature ICT field of a country.
- The massive investment needed for implementing necessary ICT applications in the business of tourism.
- Lack of trust and knowledge about ICT and not considering the benefit.

The lack of trust in other capabilities of SMEs' is a stern impediment to cooperation and, hence, to the adoption of ICT- based solutions; the social factors supporting the relational and communication interfaces between SMEs are the major obstruction to the increase of SCM strategies: a methodical use of ICT for business is a direct effect of trust and cooperation between SMEs [23].

Trust in the financial system is a very significant element in the context of contemporary business, particularly in e-business, where value is created through impersonal, arms-length transactions [49].

Trust in E-commerce

Due to the uncertainty and incomplete information of the products, trust is considered as a significant aspect online transactions and e-commerce. Even though online communications generates new prospects for activists, however it might also create challenges for the development of trust. In setting, where individual identities are hard to confirm and actions cannot be easily authorized, text-based information might be inadequate for the development of the trust [69].

According to [83], the trust is a significant aspect the accomplishment of technologies adoption such as e-commerce. In addition, trust in electronic commerce as the prejudiced prospect which the customers consider that an online transaction with a web retailer will fulfill their needs and desires [76]. Researchers have found that the lack of trust as one of the fundamental reasons for consumers' skepticism in terms of electronic commerce [7].

It is noteworthy that e-commerce seems to be remote ad more automated as against the brick and mortar business. Furthermore the e-commerce offers less direct sensory indications, gives little instant indulgence, involves additional legal qualms and more vulnerable. Consequently is harder to build trust in online environment. As e-commerce is apparent risk therefore trust of infrastructure development are not been replicated as public is the most significant concern on line

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transactions [55]. Nevertheless, trust of the accessible perception makes them to engage in on-line services and ease of use are the obstacles to comprehensive use of e-commerce by tourists. The trust of vendors and transactions is a very imperative subject in e-commerce and e-service backgrounds [88].

In E-commerce and M-commerce, trust has been an important factor in affecting consumers' behavior to accept and adopt a specific technology, especially when it comes to situation of uncertain environments. A lot of studies have pragmatically trust investigated as important motivating factor for the adoption of ecommerce [67]. The purpose of trust in Internet and mobile commerce is more complicated than brick and mortar, as the relationships of trust is present among: the clients, the sellers and Internet provider. As the clients, the sellers will not have personal interactions they only will interact only through the Internet or mobile site. Goods and well organized sites can offer valid credit about the seller. Therefore, the triumph of mobile commerce pivots on the readiness of customers to accept a novel technology and involve in activities using systems and devices that are different from what they were using before [10]. Therefore trust is considered as significant aspect in the adoption of M-commerce technology in SMTEs.

1.3 Trust In M-Commerce And Its Adoption In Medium-Sized Small And **Tourism Enterprises (Smtes)**

In an implicit background, it is very hard to build trust in e-commerce and as well as M-commerce even though it is a crucial factor for the adoption. There are strong recommendations to examine trust as driving factor in the area of mobile commerce [53] [87]. According to [62], trust minimizes behavioral ambiguity associated with the activities of the Web vendor. Trust also makes the consumers to perceive some control over the probable vague operations; this

transactions. Compared with E-commerce, Mcommerce is more exposed to risk of insecurity. So, the factor of trust is relatively more important in Mcommerce. The growth of mobile commerce technology in generally and particularly, in Small and Medium-sized Tourism Enterprises (SMTEs) is related with understanding how trust can be built on a mobile commerce [41].

As the mobile commerce is still in the budding stage, only very limited choice of products is available. As discussed earlier, trust is a significant factor that affects the proposed use of mobile commerce more than e- commerce [10]. Despite the potentiality of mobile commerce technology in SMTEs, trust is considered as a major obstacle in the adoption of this technology and its development. For tourists, the devices of mobile phone are more convenient and efficient for "anytime online shopping", it has other properties and characteristics that prevent the improvement of trust. In the near future, M-commerce is expected to be an alternative technology for the desktop computers such as laptop and Personal computer (PC). Moreover, the development of mobile technologies and innovative mobile phones make new kinds of m-commerce service possible. Nevertheless, the adoption of these services is not happening in a greater pace, rather it is sluggish; the lack of trust in M-commerce might be a significant factor for this slowness [31].

In order to be viable, the M-commerce should overcome the problem of lack of trust among users. A deep understanding of the determinants that constitute and can bring about user trust in Mcommerce is a necessity [72]. On the other hand, the association among the design philosophies of mobile website development and buyer's trust in mcommerce has been seldom studied.

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Table 1: The Impact Of Trust On M-Commerce Adoption In The Existing Literature

Research Title	Author and Year	Comments
Analysis of trust in internet and mobile commerce adoption	[10]	The concept of mobile commerce is in its budding stage, hence only very limited choice of products is available. Trust is the critical catalyst that motivates consumers towards adopting the m-commerce.
Study on Trust in Mobile Commerce Adoption - A Conceptual Model	[52]	It is crucial to understand the significance of trust in the adoption of m-commerce, apart from predicting the adoption decisions of individuals.
An Empirical Study on Trust in Mobile Commerce Adoption	[54]	Trust affects the behavioral intention to acknowledge and adopt M-commerce.
The Impact of Perceived Value on User Acceptance of Mobile Commerce	[89]	Behavioral intention very intensively influenced by the trust in terms of adopting Mobile commerce. Trust intercede the impact of perceived value on behavioral intention.
The Triangular Relationship among Vendor, User and Technology on Trust in Mobile Commerce: A Cross Cultural Comparison	[43]	This study has stated that when the consumers have higher level of trust on the vendors, then they will readily adopt mobile commerce. This is optimistically moderated by the mobile mode.
A Conceptual Framework on Mobile Commerce Acceptance and Usage Among Malaysian Consumers: The Influence of Location, Privacy, Trust and Purchasing Power	[74]	This study has indicated that examining the privacy and trust elements is very crucial to understand the acceptance and use of m-commerce based on Malaysian background, therefore it has suggested improving the model of m-commerce acceptance and consumer behavior.
An Empirical Study on Factors Affecting Customer Intention in Mobile Commerce Contexts	[78]	The behavioral intention is extensively influenced by in terms of adoption of M-commerce.
Exploring Determinants in Deploying Mobile Commerce Technology: Amman Stock Exchange	[86]	The influence of trust on the behavioral intention is an important aspect for the adoption of mobile commerce.
Mobile Commerce Usage in Malaysia	[21]	This study has identified that perceived trust is a critical forecaster for mobile commerce adoption among the Malaysian customers.
A research on the Model of factors influencing consumer trust in mobile business	[26]	This study has revealed that the intention to adopt mobile business is significantly affected by trust.

Based on literature review, it is very much evident the impact of mobile commerce on the performance of technology adoption are continuously increasing. In spite of a lot of the existing studies that have This study aims to help fill this gap. explained the impact of trust in the adoption of Mobile commerce (M-commerce), the studies that have investigated the impact of trust in the adoption of M-commerce in tourism enterprises are still very few. Furthermore, the number of studies investigating

that trust is major factor to accept and adopt the M- of SMTEs is very limited, particularly in developing commerce. The importance of trust and its vital role countries [19] [65]. Consequently, trust is also at the heart of the growth of M-commerce in SMTEs [53].

> Furthermore, trust is considered as a crucial factor in commercial relationships [57]. In various areas, such as Small and Medium-sized Tourism Enterprises (SMTEs), trust plays important role to decision making. Trust in mobile commerce of can

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mobile technology and (2) trusting in mobile service SMTEs. providers as shown in Figure 1.

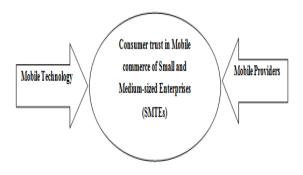


Figure 1: Components of Customer Trust in Mcommerce of SMTEs

Trust in technology readdresses to technological etiquettes, controlling operational standards, strategies, and payment methods [87]. However, it is crucial to outdo the technological hitches for the purpose of making people to trust the mobile technology. Mobile application and device designers have to concentrate more on the designing aspects to improve usability and facilitate customers to carry out business transactions effortlessly and efficiently, without forfeiting mobility and flexibility. Moreover the powerful security measures are also very important for the success of m-commerce such as encryption, digital certificates, private and public keys [54].

Building trust in mobile providers is also more difficult and challenging. In order to build trust in an industry, which is unfamiliar to potential consumers, it must publish required information, cultivate interest, and motivate potential purchasers by making them to believe that their needs will be met through the usage of mobile commerce [72]. In m-commerce, the provider plays a distinct and important role in the relationship between consumer and providers. However, only a few of studies have investigated users' trust with respect to application services of smart-phone. Furthermore, the studies in terms of relationship between motivational factors and trust are very limited [11]. Lack of trust in new technologies by SMEs heavily obstructs the adoption of M-commerce [59]. It is noteworthy that small and medium businesses are slower in adopting mcommerce as compared with large industries [10]. Therefore, there is a need to further researches to identify the factors that influence customers trust to

be classified into two categories: (1) trusting the accept and adopt the M-commerce technology in

2. FACTORS ANALYSIS THAT INFLUENCE OF TRUST IN MOBILE COMMERCE

The trust as a concept is taken from various fields, it is considered as a phenomenon associated with a particular understanding of risks areas on individual level. In spite of that the process of building the trust of the individual is a dynamic where it involves various and multiple steps, some researchers believe that trust is a concept of multi-level variables and influenced by some factors as well as the kind of relationships between these factors whether some of internal relationships that are static and some of external relationships that will change over the time [2]. So, trust is complex phenomenon in adoption of m-commerce in small and medium-sized tourism enterprises. Due to researches on trust in mobile commerce is relatively a new topic, especially SMTEs.

Trust has been positively recognized to influence the behavioral intentions of individuals to purchase the services and products as well as do their business using mobile devices. Consequently. understanding the factors that influence the trusting beliefs in an M-commerce environment in SMTEs is of considerable necessary and important to researchers. A lot of factors have effect on trust [25] [10] [73] divide antecedent trust factors into the following categories:

- Knowledge-based trust is the confidence that acquire the individuals through experience and expertise over time.
- Institutional-based trust indicates to relationships with formal societal structures, based on standards and rules of enterprises that surrounding individual's behavior and trusting beliefs.
- The -based calculative trust assumes that individuals build their trust based on rational evaluation of the results of the actions of other parties.
- Cognitive-based trust examines how information collected through interaction is used to adjust an individual's trusting beliefs.
- Personality-based trust relates to personal attributes and the trust that develops during infancy when individual seeks and receives assistance from one's Organizers.

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affect customers' trust in M-commerce in SMTEs:

Familiarity with M-commerce

accepted topic in psychology, sociology computer science [42]. Familiarity is customers involve in commerce [10].

It is significant to understand the factors that motivate the customers to employ mobile commerce, especially in case of developing countries, because the increasing demand of mobile devices has created above, the familiarity of using mobile phones has tourists with mobile commerce services will reliability and goodwill [56]. influence tourists trust in the adoption of this technology in SMTEs of developing countries.

B. Calculative-based trust

basic motivation for the participation of online there is a lack of literature in terms of investigating transaction, where two strangers meet randomly, the relationship between the psychological process of Calculative-based trust is a phase, where all the structural assurance and the purchasing intentions of prospective interactions between two individuals are consumers [63]. There are proofs for the existence of evaluated as an autonomous value-based transaction, association between the positive awareness of If the communication is assessed as advantageous to privacy and security in Internet and the trust of the trustors, they will involve in the interaction with customers in purchasing the services and products the trustee. All the interactions are calculated to provided by SMEs via Internet. Therefore, structural establish its prospective value and if a constructive assurance will influence tourists trust in the adoption result is forecasted, the trust level incrementally of M-commerce in SMTEs of Developing countries. raises depending on the on the apparent enormity of

This study focused on main four factors which the transaction. However if the interaction is negative, the trust relationship weakens with the level of infringement.

Comprehending the calculative-based trust can The link between familiarity and trust is a well help instituting and upholding trust relationship and among buyers and sellers in the commercial process. an The concept of calculative-based is getting very understanding, which is often based on previous popular due to its impact [39]. However, the interactions, experiences, and learning of what, why, theoretical foundation has received little attention. In where and when others do what they do [47]. It is m-commerce shopping, especially in developing noteworthy that trust is significant factor, which countries, customers can be made to trust enterprises commercial such as tourism sectors, by making them to believe transactions [28]. Increased Familiarity means a that, these enterprises will never breach their better understanding of the transaction process with promises, the services and products offered will be in the M-commerce; this augments the trust of clients. line with the expectations of customers, the In case of tourism industries the mobile commerce enterprises will never give any misleading or false applications enable users to buy and sell products on information, the information provided are authentic the move. The familiarity of using mobile devices and up-to-date and the services are more reliable also acts as a catalyst to induce trust for using mobile [77]. Therefore, calculative-based trust will influence tourist's trust in the adoption of this technology in SMTEs of developing countries.

C. Structural assurance

Structural assurance means consumer projections potential market for mobile commerce. As mentioned of success, due to safety nets as legal recourse, guarantees, and regulations that exist in the context. created a positive ambience for mobile commerce It indicates that structures such as guarantees and [75]. Nonetheless, not much focus has been give in regulations are intact to encourage success in Mthe literature in terms of studying how familiarity commerce in SMTEs of developing countries. An influences trust in m-commerce in specific industry effectual means to enhance institution-based trust is such as tourism of developing countries in providing structural assurance. The measures play a technological and hypothetical perspectives [46]. very significant role in influencing the trust of an However, the customers who are not familiar with individual, when information about the counterpart is mobile devices pose a threat to restrict the expansion not whole [30] [26]. Structural assurances might also of mobile commerce market. In contrast the improve trust viewpoints and readiness to trust. familiarity of using mobile devices gives green light Providing systems, more than the needs and for mobile commerce. Therefore, familiarity of promoting security and guarantees will advocate

Even though, structural assurance is considered as the most imperative feature in the acceptance of mobile technology, the trust of individuals is believed to be the foremost feature for enhancing mobile According to [6], the calculative-based trust is the commerce in developing countries [45]. However,

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D. Compatibility

Compatibility is defined as "the degree to which an innovation is perceived as consistent with the existing values, past experiences and needs of potential adopters" [66]. The perceived compatibility of an innovation has an encouraging impact on the adoption of the innovation [79]. High compatibility will lead to preferable adoption. Furthermore, Internet users, who believe that using mobile commerce is well-matched with their principles and jobs, tend to adopt these kinds of services.

The apparent affinity of mobile commerce service might augment the trust of customers and thus, improve their intent in using M-commerce, particularly in developing countries [30]. The compatibility comprises the extent, to which the novelty influences the reliability of consumer behavior [12]. However, in terms of tourism sector the mobile commerce is more probably compatible with the precedent mind-set of customers, especially when they have some experience in using Internet through their mobile devices. Therefore, customers with pessimistic thoughts towards the mobile technology might feel intricate to trust and use the mobile commerce services provided by SMEs. Therefore, compatibility will influence tourists trust in the adoption of M-commerce in SMTEs of Developing countries.

E. Propensity to trust

An individual's propensity to trust influences the impact of the trust antecedents: "the propensity to trust is a personality trait that moderates the effect of trustworthiness attributes on the formation of trust" [38]. The individuals who have a high propensity to trust, they will be less likely to fear and anxiety in the exchange of personal information because they believe that others are inherently trustworthy and good intentions [35]. Propensity to trust represents the willingness of individuals to grant their trust to specific firm [50]. It is one of the important factors that directly influence on consumers trust and thus their behavior to purchase [3]. However, when a consumer has had experience, propensity to trust will not be an important factor [82].

The propensity of individuals to use their mobile phones and then to use them for mobile commerce gives some basic evidences, which could be produced as part of society profiles to which service venders could respond. However, it is crucial to gain the customers trust for making them to adopt mobile commerce in developing countries Nevertheless, people diverge in their inclination towards trust [30]. A lot studies have identified that inclination towards trust has direct influence on the formation of trust on m-commerce. In SMEs, the customer's with strong inclination towards trust more probably trust a service after evaluating that service. Therefore, inclination to trust will influence tourists trust in the adoption of M-commerce in SMTEs in developing countries.

Table 2: Explains The Most Important Factors That Played A Vital Role Of Trust In The Customer Intention And That Supported In Previous Studies In The Mobile Context.

	No	Categories	factor	Previous Studies in the mobile context
	1	Knowledge-based trust	Familiarity	[10], [20]
	2	Institution-based	Structural assurance	[45], [54], [26], [33], [12], [44], [16], [90]
Trust		trust	Security	[30],
Factors		Cognition-based	Compatibility	[30], [12], [44]
	3	trust	Relative advantage	[33]
			Information quality	[30]
	4	Personality-based trust	Propensity to trust	[26], [30], [33]
	5	Calculation-based trust	Calculative-based trust	[10], [20], [26]

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Table two above shows the factors that have a consumers believe that their personal information significant impact on the trust and had been (private and monetary) will not be viewed, stored, supported in a lot of previous studies in the mobile and manipulated during transit and storage by environment such as: Familiarity with M-commerce, inappropriate parties in a manner consistent with their Calculation-based. Structural Compatibility and Propensity to trust. However, no study has been conducted to investigate the impact of these factors in the adoption of M-commerce technology in Small and medium-sized Tourism Enterprises (SMTEs), especially in developing countries. Nevertheless this study aims to full this

Security is a crucial factor that affects individuals to buy online. Generally most of the consumers are security concerns, the trust factor very much reluctant to involve in online financial operations influences the adoption of technology in various such as selling and buying as they fear that their fields such as, E-commerce. However, there is a lack personal and financial details might be stolen by of studies that have examined the impact of security hackers and other cyber criminals [71]. From a in the adoption of M-commerce, particularly in consumer's perspective, the perceived security may SMTEs. be defined as "the subjective probability with which

assurance, confident expectations" [60].

Trust is the basis of most of the financial transactions, which includes the operations of selling and buying products and services and is built on the basis of a multitude of factors such as, the individual's perception of the security of the payment system via mobile phones. Studies show that users' perception of control is an important element of gaining trust in the transaction [15]. In spite of the

The Table 3: Shows Some Of The Studies That Have Investigated The Impact Of Security On Trust In Various Field Associated With A Mobile Commerce Such As E-Commerce, Online Shopping And Online Trust. Furthermore, The Table Shows The Other Factors That Have Influenced The Trust Attribute.

Research Title	Independent Variables	Dependent	Comments
		Variables	
The Impact of Familiarity and Reputation on Consumer Trust in e-Commerce	Perceived familiarity Perceived reputation Perceived security control	Trust	Trust: -Perceived reputation-> consumer trust in the company -Perceived familiarity> consumer trust in the company -Perceived security control-> consumer trust in the company
An Empirical Study On Consumer Trust in B2C ecommerce in China	Perceived Reputation and size Multichannel Integration System Assurance Consumer Feedback mechanism Propensity to trust Familiarity	Customer Trust	Trust: -The perceived reputation and size of e-commerce vendor-> the level consumers' trust in the vendor -The level of multi-channel integration of an ecommerce vendor-> the level consumers' trust in the vendor -The system assurance of an e-commerce vendor-> the level consumers' trust in the vendor -A consumers' trust in the vendor -A consumer's evaluation on the website's feedback mechanism -> the level consumers' trust in the vendor -Propensity to trust-> the level consumers' trust in the vendor -The level of consumers' familiarity with the vendor-> the

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			level consumers' trust in the
			vendor
Dominant Factors for Online Trust The development of initial trust in an online company by new customers	Propensity to trust Familiarity Brand Reputation Website Quality Customer Service Perceived Security Perceived Privacy Third-Party Assurance Perceived willingness to customize Perceived Reputation Perceived Size Perceived Usefulness Perceived Ease of Use Perceived Security Control	Online trust Initial Trust in Company	Trust: -Propensity to trust-> online trust -Familiarity-> online trust -Brand-> online trust -Reputation-> online trust -Website Quality-> online trust -Customer Service-> online trust -Perceived Security-> online trust -Perceived Privacy-> online trust -Third-Party Assurance-> online trust -Third-Party Assurance-> initial trust Trust: -Perceived willingness to Customize -> initial trust -Perceived Reputation-> initial trust
	Trust Propensity	Communication	-Perceived Size-> initial trust -Perceived Usefulness-> initial trust -Perceived Ease of Use-> initial trust -Perceived Security Control-> initial trust
Factors Influencing Iranian Consumers' Trust in Internet Shopping	Perceived reputation Perceived size Perceived trustworthiness of the Internet merchant Perceived privacy Perceived security Perceived risks and benefits	Consumer Trust in Internet Shopping Mediator: Propensity to trust	Hypotheses not supported: perceived size -> consumer trust Trust: -Perceived reputation -> consumer trust -Perceived trustworthiness of Internet Merchant -> consumer trust -The perceived security-> consumer trust -The perceived privacy-> consumer trust -Perceived risk-> consumer trust -Perceived benefits-> consumer trust -Perceived benefits-> consumer trust
The Effect of Consumer Privacy Empowerment on Trust and Privacy Concerns in E- Commerce	Privacy concern Familiarity Privacy empowerment	Trust	Trust: -Familiarity-> trust -Perceived privacy empowerment -> trust -Increased privacy concerns negatively -> trust
A Study of Consumer Trust in Internet Shopping And the Moderating Effect of Risk in	Perceived Service quality Perceived Website quality	Trust in Internet Shopping-> Purchase Intention	Hypotheses supported: -Trust -> purchase intention Trust: -perceived service quality-> trust -Perceived Website Quality->

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Mainland China		Matter	trust
		Mediator:	NT /
		Risk	Note:
		Aversion	Moderating effect of risk aversion
			was supported
Factors Affecting	Perceived Enjoyment of	Trust->	Hypotheses supported:
Customer's Trends	technology	Online	-Familiarity with online
for Reservation	Perceived Usefulness	Buy	transactions-> Online Buy
Foreign Hotels via	Perceived security		Hypotheses not supported:
Internet in Iran	Perceived Privacy	Familiarity	-Company size -> trust
		with online	-Perceived ease of use -> trust
		Transactions-	Good reputation of the company
		> Online	-> trust
		Buy	Trust:
		-	-Perceived Usefulness -> trust
			-Perceived Enjoyment of
			technology -> trust
			-Perceived security -> trust
			-Perceived Privacy -> trust
A trust-based	Information quality	Trust->	Hypotheses supported:
consumer decision-	Perceived privacy protection	intention ->	Trust-> intention -> online
making model in	Perceived security protection	online	purchase
electronic	Positive reputation	purchase	Hypotheses not supported:
commerce: The role	Familiarity		Presence of a third party seal->
of trust, perceived	Consumer disposition to trust		trust
risk,	1		Trust:
and their			Information quality-> trust
antecedents			Perceived privacy protection->
			trust
			Perceived security protection->
			trust
			Positive reputation-> trust
			Familiarity-> trust
			Consumer disposition to trust->
			trust
			uusi

generally, particularly SMTEs [74]. Previous studies trust in online transaction. Most of them have focused on the perceived security. It is worth mentioning that the security is seemingly important in mobile commerce rather than the e-commerce environment, because due to the weak links it becomes easy for the intruders to snoop into financial information in mobile commerce environment. Of late most of the portable devices such as note books, smart phones do not have the similar facilities as the mobile phones positively influence on consumer trust to use Msuch as: smart cards to enhance security, roaming to commerce in SMTEs. stay connected on the move, therefore the mobile devices are limited in their use in wireless

A lot of previous researches highlighted trust to be environments. The possibility of merging these an important and vital factor in the acceptance and technologies for a specific setting depends on the usage of E- commerce. However, insofar this factor security protocols. It is very imperative that the lack has not been addressed as a key issue in the of security is one of the biggest obstacles, which development and success of m-commerce in stops consumers from adopting mobile commerce. However a lot studies have focused on the security have identified many factors that have influenced factor in 'wired' network environments, but only few have dealt with wireless network environment [28].

RESEARCH HYPOTHESES AND MODEL

Hypothesis 1: Trust will positively influence on behavioral intentions to use M-commerce in

Hypothesis 2: Structural Assurance will

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Hypothesis 3: Calculation-based cognition will positively influence on consumer trust to use M-commerce in SMTEs.

Hypothesis 4: Compatibility will positively influence on consumer trust to use M-commerce in SMTEs.

Hypothesis 5: Propensity to trust will positively influence on consumer trust to use M-commerce in SMTEs.

Hypothesis 6: Security will positively influence on consumer trust to use M-commerce in SMTEs.

Based on previous literatures on m-commerce and hypothesized. e-commerce, our paper proposed a comprehensive

trust model for mobile commerce in SMTEs, with the hope that such a model will be valuable for researchers interested in m-commerce adoption researches. Figure 2 presents the research model. Structural assurance, Calculation-based trust, cognition-based trust, Compatibility, Propensity to trust and Security are proposed to affect trust. This paper proposed a model by involving trust as a direct indicator to individual's intention. The theoretical model proposed in this paper is intended to clarify the factors that influence the adoption of mobile commerce in SMTEs. More specifically, the relationship among trust and other factors are hypothesized.

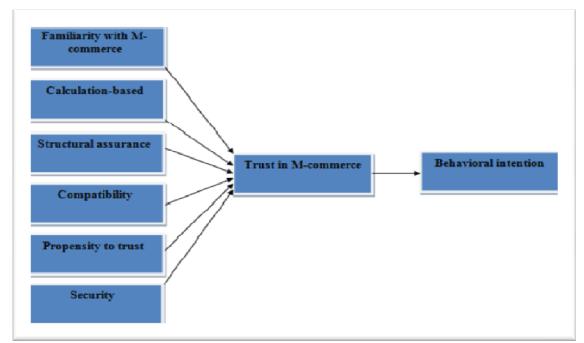


Figure 2: Proposed Trust Model

Based on the revised unified theory of acceptance and use of technology (UTAUT) model [53], this study has developed and empirically validates a research model that extends the UTAUT by integrating trust model in an adoption of M-commerce technology in SMTEs of Developing Countries (DC). These constructs help to explain, why customers are willing to adopt M-commerce, despite the inherent risks related to the mobile transactions. The proposed M-commerce model increases our understanding of M-service utilization by integrating perceived trust into a parsimonious adoption model.

4. CONCLUSION

As explained above, it is very significant to understand the various elements of trust factor, in terms of the adoption of M-commerce in SMTEs of developing countries. This comprehension is very important to realize and forecast the adoption behaviors of individuals. In this context, the hypothetical model proposed by this study is very significant to understand the user behavior in M-commerce, the role of trust in the adoption of M-commerce in SMTEs of developing countries. This study will be very much helpful for the organizations, to better understand the importance of technological and trust-based issues in escalating the numbers of

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M-commerce users in SMTEs of developing REFRENCES: countries. To begin with, it is vital to improve the technologies and the features of service providers to increase trust of customers and their intention to adopt M-commerce. Fundamentally by discussing the pattern of online trust and the characteristics of mobile commerce trust, this study attempts to hypothetically authenticate the factors that persuade the trust of consumers towards mobile commerce service in Small and Medium-sized Tourism Enterprises (SMTEs) of developing countries.

Based on the mammoth growth of the global mobile technology, it is very much evident that sooner or later the M-commerce will become one of [3] the vital platforms for organizations to carry out their business transactions, moreover the concept of getting services 'on the move' will also fancy the consumers to adopt the technology. However, in case of developing countries, there are some hindrances, which might obstruct them to cope up with the developed nations. Especially there are very small numbers of SMTEs that provide M-commerce services. It is unfortunate that, most of the developing countries have not realized the significance of Mcommerce, therefore it is very substantial to enable to organizations to understand the importance and design the M-commerce applications based on the needs of the respective countries. As it is obvious that M-commerce is a division of e-commerce, this research applies the identical approach developed for Internet commerce. The study implies 'trust' as the crucial factor, which will motivate the users to adopt and use M-commerce, particularly in SMTEs of developing countries.

This study has hypothetically recognized the influencing aspects of customer's trust, in terms of adopting M-commerce in SMTEs of developing countries; however, not much focus has been given by the previous researchers so far in this field. Hence this study urges the research community to continuously study the factors that influence the customer trust towards the adoption of M-commerce. Furthermore it is important to integrate the proposed trust model and other theoretical models on user acceptance of technology such as Unified Theory of [10]D. Y. Cho, H. J. Kwon, H. Y. Lee, "Analysis of Acceptance and Use of Technology (UTAUT) in future researches, to gain better understanding about the behavior and intention of using mobile commerce [11] H. Choi, Y.J. Choi, K.M. Kim, in SMTEs of developing countries.

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