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1	Determinants of Consumer's Intention to use Mobile Banking
2	Services in Bangladesh
3	Israt Jahan ¹ , Tapas Bala ² and Kamrul Hasan Bhuiyan ³
4 5	¹ Bangabandhu Sheikh Mujibur Rahman Science and Technology University, Bangladesh
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8 Abstract

9 Mobile banking is known as one of the latest as well as promising application of mobile

¹⁰ commerce with great mobility and flexibility for the completion of financial transactions with

¹¹ the help of mobile communication devices. In today?s perspective, electronic banking, internet

¹² banking and mobile banking are considered as the buzzword as 4.5 billion mobile cellular

 $_{13}$ $\,$ subscriptions worldwide is estimated and mobile network has the capability to instantaneously

¹⁴ offer mobile banking to 61

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Index terms— mobile banking, perceived usefulness, perceived ease to use, perceived complexity, perceived compatibility, social influence

1 Determinants of Consumer's Intention to use Mobile Banking Services in Bangladesh

Israt Jahan ?, Tapas Bala ? & Kamrul Hasan Bhuiyan ? Mobile banking is known as one of the latest as well 20 as promising application of mobile commerce with great mobility and flexibility for the completion of financial 21 transactions with the help of mobile communication devices. In today's perspective, electronic banking, internet 22 banking and mobile banking are considered as the buzzword as 4.5 billion mobile cellular subscriptions worldwide 23 is estimated and mobile network has the capability to instantaneously offer mobile banking to 61% of total 24 population. For both developed and developing countries the increase of adoption rate in Mobile banking shows 25 the strong potential rate of growth. In today's perspective adoption decision of consumers may be influenced 26 by several factors. A quantitative approach has been taken to measure the determinants and anticipate their 27 correlation through convenient sampling by the statistical analysis of ANOVA and Regression Analysis. The 28 authors have also gone through seven hypothesis test. For this paper six major determinates have been explored 29 in order to understand the consumer's adoption process. The aim of this paper is-to identify determinants which 30 affect consumer's intention to use mobile banking services in Bangladesh. 31

32 2 Introduction

33 he telecommunication and banking sector of Bangladesh have observed a tremendous growth in the last decade. 34 The latest United Nations estimates says as of ??ctober 20, 2016 Bangladesh has a population of 163,483,818 35 (Worldometers.info, 2016). The total number of mobile phone subscriber in Bangladesh by December'19 is 165.572 36 million (Btrc.gov.bd, 2019). According to the Basic 2019 Statistics by ADB, 86.04% people are mobile phone subscribers in Bangladesh (Asian Development Bank, 2019). Since the launch in 2011, the growth of Mobile 37 Financial Services (MFS)has been very good. Especially in the past couple of years, growth numbers are skyhigh. 38 Compared to the data of November'14, the client number has increased by 33% in November'15, which means 39 an increase of 79 lakh clients in number. According to the latest data of Bangladesh Bank, on November'19 40 the client of mobile banking was 3.47 crore. The growing trend of this sector can be further supported by the 41 data comparing of last five years. A tremendous 554% growth can be noticed from 2013 to November'19. The 42

5 B) MOBILE BANKING AND TECHNOLOGY ACCEPTANCE MODEL (TAM) THEORY

client number was around 50 lakh in 2013 and by 2019 it became over 3crore. 1311.21 corer transactions are 43 happened on a daily basis through mobile banking (Bangladesh Bank, 2019). Till now, Bangladesh bank has 44 given permission to 28 banks to run this MFS service but so far, 16 are in the business (Alo, 2019). Amongst all 45 of them, 'bKash' is leading the market and Dutch Bangla bank's 'Rocket' is holding the second position. 'bKash' 46 47 has 24 million subscriber with USD 7.5 million monthly (Asia Global Payment Summit, 2020).

According to another report published by USAID, despite of the high transaction cost, the growth has reached 48 to \$1.42 billion which is BDT 11,104 crore. Bangladeshi Mobile Financial Services users' altogether is accounted 49 for 8% of the total registered users among the world (Mahbub, 2016). Given that, this service was launched in the 50 country only five years ago this growth is amazing and also demands a study on why the subscribers are adopting 51 the new service, what are the psychological reasons? Based on this information, it can be said that, banks have 52 a very good opportunity of engaging root level people with basic banking activity, approved by Bangladesh bank 53

(Bangladesh Bank, 2019) through mobile, which was not previously possible. 54

According to Godoe and Johansen's (2012) study, personality dimensions and system specific dimensions should 55 be well studies before formulating and implementing any technological services. By understanding psychological 56 issues of consumers in terms of adoption of mobile banking; mobile banking operators can decide what kind of 57 electronic services can be provided to what type of customers, when and how-in order to increase market share 58 59 and image (Musa S, 2014). Some key drivers have an impact for the adoption of mobile banking like-reduction of 60 transaction cost, convenience, availability, timeliness, accessibility, usefulness and so on (Musa S, 2014). All these 61 divers help to provide strategic benefits to the mobile banking operator company by providing better customers 62 relationship management opportunities, increasing customers base and increasing market share and image (Musa S, 2014). But unfortunately much has not been done to understand the psychological reasons behind the adoption 63 of this service in Bangladesh. As it is a growing market, the banks have launched those services on the basis of 64 intuition, not in the basis of market investigation. 65

This paper therefore, argues for conducting a comprehensive study that will focus on the understanding 66 determinates behind the adoption/use of mobile banking/MFS services in Bangladesh, for two reasons. Firstly, if 67 determinates/what makes people use this service is not studied, then this booming industry might be in danger 68 with the introduction of next new technology of transaction. Secondly, if the companies understand why their 69 customers are adopting the service in-depth, then they will be able to reach more customers, grow their business 70 and will be able to make more loyal customers. 71

II. 3 72

Literature Review a) Mobile Banking 4 73

In a broader sense, Mobile banking is a process of conducting financial transactions and banking activities through 74 75 mobile phone or personal digital assistant. Mobile banking and making payments through mobile are two different 76 concepts. Later only allows user to use mobile to pay electronically for the purchased goods and services either remotely or at point of sales (Rtn.bcc.net.bd, 2016). The exercise of different mobile devices to undertake financial 77 78 businesses linked to client's bank account (Tran and Corner, 2016). With the help of three technological options Mobile banking is running like-SME -Based, mobile browser webs and mobile client applications. 79

5 b) Mobile Banking and Technology Acceptance Model (TAM) 80 theory 81

82 Mobile banking has been developed 44 countries for unbanked but there is still shortage is research is noticed 83 in terms of the adoption of mobile banking (Tobbin, 2012). To study the acceptance of a new technology like mobile banking, one of the best models available is the 'Technology Acceptance Model' (TAM). The theory was 84 adopted form the Theory of Reasoned Action (TRA) (Fishbein and Ajzen, 1975) and was first proposed by 85 Davis in 1986. This has been proven a great tool to explain and predict the behavior of the user regarding new 86 technology (Legris, Ingham and Collerette, 2003). Park (2009), mentioned in his study that, TAM can explain 87 why an user accepts or rejects a new technology, how the external variables influences some of the core attribute 88 of human being such as belief, attitude and intention. Three key beliefs perceived ease of use (PEOU), perceived 89 usefulness (PU) and attitude towards use (ATU) together can explain the user's intention to actually use a new 90 system (Davis et al., 1989). ??avis (1993) defined PU as 'the degree to which a person believes the system would 91 enhance his performance and PEOU as 'the degree to which using a particular system would ease his effort'. 92 93 ATU is defined as 'the degree to which individual evaluates and associates the target system with his or her 94 job'. Though TAM has been used extensively to explain new technology adaption for many sectors but it is also 95 argued that, the theory cannot fully explain the behavior as there are several other factors which influences the 96 adaption which creates a need to extend the theory (Legris et al., 2003). For this reason, several new theories i.e. TAM 2 (Venkatesh and Davis, 2000), TAM 3 (Venkatesh and Bala, 2008), unified theory of acceptance and use 97 of technology (Venkatesh et al., 2003) have been proposed. But still, a comparative study confirms the usefulness 98 of TAM theory over other models (Mathieson, 1991). 99

TAM theory and several versions of it (i.e. TAM2, TAM 3) with other models have been used in different 100 research perspectives in different context such as, eshopping, e-banking, e-tourism, on-line tax filling etc. For 101

example, in e-shopping in Pakistan; it was found that PEOU and perceived enjoyment are the most important 102 factor. PU did not have that much impact in this case and is strongly dependent on PEOU. Similar study was 103 done in Malaysia and there as well, PEOU was found to be the most important factor in case of adoption intention 104 (Lim and Ting, 2012).Lu, Huang and Lo (2016) have applied TAM theory with variable integration from Theory 105 of Planned Behavior (TPB) to understand the on-line tax filling appearance intention in Taiwan. Results show 106 that PU and PEOU have a great impact. Along with these, 'tax equity', 'social norm' and 'moral norm' also 107 have an important impact on adoption. In case of the adoption intention of e-learning study done in South Korea 108 which integrates the constructs of TAM and e-learning self-efficacy, subjective norm, system accessibility, Park 109 (2009) found that, e-learning self-efficacy was the most important construct. This discussion indicates two facts. 110 The first one is, application of TAM theory in different geographic locations and for different industries showed 111 different results which means if a specific industry's (in a specific country) adoption behavior is to be studied, 112 then the theory has to be applied in that specific environment. The second fact is that, in most of the cases, 113 scholars incorporated different theories with TAM to explain the adoption intention, which indicates that in some 114

115 cases, TAM along may not be enough to explain adoption intention.

¹¹⁶ 6 c) Mobile Banking Studies in Bangladesh

The research related to mobile banking services in Bangladesh has also received substantial academic attention. Literature explore different perspectives of mobile banking such as perception, customer satisfaction, loyalty, trust and so on For example, to understand the customer's perception service quality

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Volume XX Issue IV Version I Year 2020 () and its relationship with satisfaction and loyalty, a study was 121 122 conducted by (Sagib and Zapan, 2014) with the use of SERVQUAL model and it was found that, three variables 123 from the model -reliability and responsiveness, efficiency and convenience influences the satisfaction and only two 124 of them reliability and efficiency influences the loyalty. A study by (Ahmed et al., 2011) says that the people who have adopted mobile banking in Bangladesh have done it because they think this is time saving, less costly and 125 speedy. Their study also revealed that, highest number of people uses the service for 'Air-time top-ups'. Another 126 study done by ??Islam, 2013) shows similar results. The study reveals that, in Bangladesh, users have adopted 127 mobile banking because it is less costly, time saving, easy to access and trust worthy. However, those studies 128 confirm to understand the post purchase behavior of mobile banking services. Very little research has been 129 conducted so far to understand the pre purchase behavior such as customer intention, attitude, social influence, 130 and its impact on the decision to use or not to use mobile banking services. Furthermore, most of the studies are 131 not theory driven and no study has been conducted that applied TAM model. Only one study by Islam (2013) 132 highlighted the trust issue but that was only for the current users. The adoption intention and its relationship 133 with trust for the potential users have not been studied in Bangladesh. This validates this proposed study. 134 Moreover, as the previous discussion indicates that culture and geographical variable plays an important role in 135 determining the relationship, so to understand the adoption intention well, country specific study is necessary. 136

¹³⁷ 8 d) TAM and Trust issue

Trust can be defined as a psychological expectation that a trusted party will not act opportunistically. Customer 138 trust is known as a critical factor for the success of adoption of mobile banking. Many research papers have been 139 found with the formation of mechanism of trust with the adoption of mobile banking. According to the study of 140 (Siau and Shen, 2003), trust is classified into two categories-trust of technology and trust of mobile banking service 141 providers and this is supported by Lee and Chung(2009), and in this study Lee and Chung(2009), focuses on 142 three trust dimensions-trust in bank, trust in mobile network and trust in wireless infrastructure. In the context 143 of mobile banking trusting intentions symbolizes consumers' willingness in terms of engagement in subsequent 144 transactions with the service provider (Bhattacherjee, 2006). Higher level of trust in terms of service provider will 145 lead to greater intentions of consumer's engagement in mobile banking transaction (Bhattacherjee, 2006). TAM, 146 along with its original model included different external variable to understand the intention and acceptance of 147 particular behavior of interest. Perception, trust, social norm, economic factors are name of few. In case of 148 many studies impact of different variable along with TAM is noticed. For example-In Ghana 85% people are 149 not aware of mobile banking services. Most of the people in Ghana replied that they mainly want to use mobile 150 banking services for time saving and convenience (Tobbin, 2012). There is some other motives like-availability, 151 affordability, high interest of savings, trust, and security of resources. Along with easy to use and usefulness two 152 other variables likeeconomic factors and perceived trust have an impact on mobile banking. Among variables, 153 the use of trust factor with TAM for understanding technology adoption can be noted widely. For instance, to 154 understand the first purchase intention of online shopping in Korea trust and TAM was integrated (Kim, 2012) 155 156 and the result shows that trust in the form of company reputation, structural assurance, trusting stance and 157 initial trust beliefs indirectly affects the intention and from the variables of TAM, only PU directly influenced the intention. The relationship of trust and TAM was explained in case of on-line shopping by (Gefen, Karahanna 158 and Straub, 2003). According to their proposed model, in USA PEOU is an antecedent of trust, trust is an 159 antecedent of PU and trust also directly influences the behavioral intention (BI). The result of this study is in 160

line with the on-line tax adoption study in Taiwan, where researchers have also found necessity of trust factor. They proposed a model which incorporates the TAM, TPB and trust factor and they have given the opinion that in case of adopting a new technology like online tax, trust is equally important with PU and PEOU (Wu and Chen, 2005). This discussion indicates that, several scholars have considered trust as an important construct while studying adoption intention.

¹⁶⁶ 9 e) Integrating Trust and TAM in Case of Mobile Banking

Several study has also been conducted to understand the relationship between trust and the TAM theory in case 167 of mobile baking (Pu "schel et al., 2010) have done a research in the developed cities of Brazil and proposed 168 an integrated adoption intention framework specially for mobile banking where they proposed 13 independent 169 variables (attitude, selfefficacy, compatibility, perceived behavioral control, results demonstrability, technology 170 171 facilitation condition, resource facilitation condition, perceived ease of use, image, intention, subjective norm, 172 testability, relative advantage and visibility) which explains the dependent variable (intention to adopt mobile 173 banking) by 69% in case of non-users. Tobbin(2012), finds in his study done on the rural dwellers of Ghana that PU and PEOU along with A study done on New Zeland's young adults by Tran and Corner (2016), indicates that 174 most important factors in creating usage intention for mobile banking is PU followed by perceived credibility and 175 perceived costs. Besides that, one of the most persuasive ways of building trust according to them is face-to-face 176 communication. 177

A study done in UKby Lewis, Palmer and Moll (2010), indicates that in case of young consumers, compatibility, perceived usefulness and risk are significant indicators in case of the adoption of mobile banking. Not only compatibility had direct effect but also it was identified as very important antecedent for PEOU, PU and also credibility. They have also indicated that, trust and credibility are very crucial in case of reducing the perceived risk. One very important implication of this study is the exceptionally high variance (65%; typical rate 40%) in intention to adopt the system seeks the attention of the scholars to further reconfirming of the model.

In a cross cultural study done by Mortimer et al.(2015), it was found that in case of the adoption intention of Australian consumers, most important variables are, PU, PEOU and perceived risk (PR) and in case of Thailand, the variables are PU, PR and social influence.

While examining the role of PU, PEOU, PR and self-efficacy for mobile banking in Jordan, Alalwanet al. (2016),
 found that the adoption intention is significantly influenced by PU, PEOU and PR.

A study in Trukey reveals that, in case of the young users, along with perceived usefulness, perceived social risk & perceived performance risk are also important (Akturan and Tezcan, 2012).

While the adoption intention was studied with the variables perceived risk, brand awareness, and brand image of MBS providers in Taiwan, it was found that even in a single country, perceived risk and innovation benefits have different impact on the users with different behavioral pattern. Brand awareness and brand image of the service provider also had a mentionable impact.

Another study by Luarn and Lin's (2005), says risk have a superior impact than PU in case of adoption intention in Taiwan. Laforet and Li(2005), have found out that, the mobile banking users in China are predominantly male and the main barrier in adopting the system is the lack of awareness, lack of understanding of the benefit provided by the system, concerns about hacking and fraud which.

In order to understand the adoption intention of the customers of India, a study was done by Deb and David 199 (2014). They incorporated factors from TAM, diffusion of innovation model (DOI) -influence of society (SI), 200 facilitating condition, PEOU & PU) along with the trust facts (perceived competence, perceived benevolence, 201 perceived privacy & security and communication) important for the technology adoption. From the study they 202 found that, two of the trust factors among four -benevolence and privacy & security have negative impact 203 on the adoption, which means these factors can create hindrance to the adoption. Another variable having 204 negative relationship with adoption was facilitating condition which was explained by the economic factors by 205 the researchers. 206

Similar study done by Chauhan (2015), in India depicts slightly different result. In this case the study finds an impact of trust and PU has an impact but it didn't find any impact of PEOU in case of adoption.

One of the major criticisms of the TAM theory is it was tested for the work-related issues which did not involve any monetary issue where the user actually has to get involved in monetary transaction. The original model was tested in case of the adoption of the personal computer where personal transaction or monetary fact is not related. It is very obvious that, wherever monetary fact is involved, trust becomes a major issue (Chircu and Kauffman, 2000).

All these researches indicate that trust is a very crucial part of the adoption model for almost all the countries. Moreover, inconsistent results can be seen for different countries. This difference highlights the fact that, adoption intention variables are different in different cultures and unless a study on Bangladeshi people on adoption intention of mobile banking is not done, getting a clear understanding is not possible.

²¹⁸ 10 f) Complexity in Mobile Banking

Complexity is the degree of innovation which is relatively considered as difficult to understand and use. It's a direct effect on consumer's adoption of mobile banking service (khraim, Shoubaki, & Khraim, 20 november, 2011). Related researcher found that it negatively influences the adoption of internet users or consumers. It is the reverse of ease of use and it's a major factor in mobile banking adoption. Mobile technology suggests that intension of mobile banking is inhibited by the perceived complexity of the innovation. Users will be inhibited to use of mobile banking if it finds more mental effort, time consuming or frustrating. There are some barriers in a number of studies which are complexity in use, technical infrastructure and design of technology. Therefore, it is hypothesized that perceived complexity inhibits mobile banking adoption (Al-Jabri & Sohali, 2012).

Complexity registries collected frequency of responses relatively two variable which are one variable is "using complicated" and another is requires "knowledge and learning" (Cruz & laukkanen, nov 5, 2010). There is significant research on the mobile banking which recommend that mobile banking s the

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Volume XX Issue IV Version I Year 2020 () hindered by complexity of the innovation. This means that barriers of mobile banking are largely related to the technology infrastructure and design.

²³³ 12 g) Relationship between compatibility and mobile banking

Compatibility can be extended with a new service that consist of users, existing values, beliefs, previous experience, habit that faster increase of innovation. Its conforming individuals' user's lifestyle for faster adoption (Lewis, Palmer, & Moll, 2010). Compatibility now integrated with TAM model in the virtual store's context. It will lead to higher perceived ease of use that's effort is required. The innovative are likely get trust underlying the technology through more competence. (Al-Jabri & Sohali, 2012) This presence beliefs of compatibility are very useful for explaining mobile banking adoption. it will lead to higher behavior intension use of mobile banking.

Compatibility is assumed to be consistent with socio-culture values, belief as well as need of potential adopters. Its sincere conformance can significantly increase mobile banking adoption rate. Between an innovation and existing product incompatibility services may inhibit an adopter's acceptance. Many researchers) demonstrated that it is significant which is determining consumer's attitude toward virtual store. It affects consumer willingness to adopt an innovation to mobile banking. Numerous recent studies have also provided supporting evidence to the adoption of mobile banking through compatibility. The degree which innovation is considered with existing value of users.

²⁴⁷ 13 h) Social influence on Behavioral Intention

(Riquelme & Rios, january 2010)Social norms are that factors which are related to family, friends, and relative. It's a relevant concept to explain the adoption of technology or mobile banking. It cannot be ignored because of their adoption and behavior contribution. Social influences significantly affect an individual's intention to use the mobile banking. Some researcher discovers that individual's decision to adopt mobile banking services are influenced by social network like family, friends or others. As for the mobile banking, social environment is influenced by a customer intention to mobile banking adoption. ??

254 14 Methodology

In this paper, the quantitative method has been used. Both primary and secondary data has been collected. For 255 the collection of primary data, the researchers have chosen convenient sampling technique; 339 respondents have 256 been chosen throughout the country who are using mobile banking services. Among 339 data, 300 has been used 257 for this paper. On the other hand, for the collection of secondary data, different kinds of journals, papers, blogs, 258 websites, articles, newspapers, and magazines have been used. The data is analyzed through SPSS and Microsoft 259 software. The paper is conclusive in nature and both metric (nominal and ordinal level data) and non-metric 260 (Interval and ratio data) are used for the analysis of this paper. The equation of statistical model which have 261 been analyzed from the survey data is shown below: 262

Regression Equation ??Y = ? 0 + ? Here, Y = Behavioral intension to adopt X 1 = faster banking transaction, 263 X 2 = easier transaction, X 3 = beneficial, X 4 = control over finance, X 5 = more convenient, X 6 = easy to264 265 use, X 7 = easy learning, X 8 = become skillful, X 9 = clear and understandable, X 10 = easily works, X 11 = 266 trustworthy, X 12 = potential risk, X 13 = confidentiality, X 14 = safe uses on smartphone, x 15 = require of 267 mental effort, X 16 = frustrating, X 17 = requires knowledge and learning, X 18 = comparable with life style, X 19 = managing finance, X 20 = keep fit with working style, X 21 = think important, X 22 = most people use, X 268 23 = becoming familiar, ?0= intercept of the line, e= error associated with the model. ??Y=?0+? 24? 24 + e269 Here, Y = Usage X 24 = use of mobile banking is worthy, ?0= intercept of the line, e= error associated with the270 model. 271

272 15 Regression Equation

²⁷³ 16 IV.

²⁷⁴ 17 Data Analysis and Presentation

The author collected data from survey questionnaire and analyses this through SPSS software. Moreover, in this paper 300 data are collected from customer who are involved with mobile banking.

²⁷⁷ 18 a) Demographic Information

Gender: All respondents are not only male or female. In this demographic profile there are 15.33% are female respondents and 84.67% are male respondents and total respondents are 300. So, here male respondents are more than female. From the table it has shown that Pearson Correlation (r) is .29 and the value of R square is .87 which expresses that there is a positive relation between perceived usefulness and behavioral intention. Adjusted R square value is .71 which implies that independent variables are perfect and dependent variable can be changed. For this model summery the regression equation is Y=?

²⁸⁴ 19 Age

 $285 \quad 0 + ? \ 1 \ ? \ 1 + ? \ 2 \ ? \ 2 + ? \ 3 \ ? \ 3 + ? \ 4 \ ? \ 4 + ? \ 5 \ ? \ 5 + e$

286 20 ANOVA Testing

Dependent Variable: To use mobile banking is worthy. Predictors: (Constant), Mobile banking is more
convenient, Mobile banking is beneficial, using mobile banking enables me to do my banking transactions faster,
Mobile banking gives me greater control over my finances than traditional forms of banking, using mobile banking
makes it easier to perform my banking transactions.

From the ANOVA table, the researcher get F value is 5.590 which significant level is 0.05 and calculated critical F value is 2.245 therefore, F distribution is larger than calculated critical value (5.590>2.245) it means that the null hypothesis is rejected.

²⁹⁴ 21 Hypotheses 2

Null Hypotheses: perceived ease of use has not positive effect on behavioral intention. Alternative Hypotheses: perceived ease of use has positive effect on behavioral intention. From the table it has shown that Pearson Correlation (r) is .30 and the value of R square is .90 which expresses that there is a positive relation between perceived ease of use and behavioral intention. Adjusted R square value is .75 which implies that independent variables are perfect and dependent variable can be changed.

300 22 Model

³⁰¹ 23 Limitations and Further Study

The major limitations for this paper includes respondents, resources, knowledge and, budget. Firstly, as 302 respondents were not always available and sometimes were not willing to give time, degree of difficulties were 303 faced. Moreover, for finding suitable respondents for this paper, researchers also faced challenges. Secondly, 304 resources are limited to conduct the paper. Thirdly, it is difficult to identify determinates regarding consumers 305 intention to use mobile banking, limitation of appropriate knowledge in this arena would considered as another 306 problem. Finally, budget is considered as another limitations. For the completion of paper, researchers had to 307 reach 339 respondents, more respondents would be covered if more budget can be raised. The researchers will 308 work with further factors of affecting consumer's intention towards using mobile banking. By conducting, factor 309 analysis, it would be understood which factors are most significant in terms of using mobile banking. 310

311 **24** VI.

³¹² 25 Major Findings, Conclusion and Recommendations

In this paper it is find out that, people basically adopt mobile banking for its easiness as highest significant value 313 is noticed here (.90). Another important factor is identified which is social influence. From the table it is seen 314 that, social factors has one of the most significant values which is (.64). People install bKash app during festivals 315 316 in order to get discounts or instant cash back offer. Via social media various companies, now offering discounts 317 through bKash payment, so it is considered as one of the important factor in order to understand customer's 318 pre-purchase conception. Though trust has .73 significant value, most of the respondents faced security related 319 problems like-many unwanted and fraud call were received by asking bKash and rocket password in order to get bonus. People who are living in rural areas mostly lost money due to fraudulent. Due to various fraudulent 320 cases, mobile banking companies started campaign by telling not to share password with anyone by in rural areas 321 people are still facing this kind of issues. People find to use mobile banking is very useful, and less complex. 322

With the help of mobile banking services people can also recharge mobile anytime at any place so it saves time and, cost. 1

			Alalwan
		2017)Information and encouragement play a dynamic role in contributing customer awareness by surrounding people. Social influence is a person's perception that	, dwivedi, & Rana,
		are performed by individual. In the context, (Gu, Lee, & Suh, 2009) mobile banking will be useful when customer get recommendation from colleague, friend or family member. It positively affects behavioral intention of customer in mobile banking.	
i) Conceptual		0	
Framework			
Usefulness	Η	Behavioral Intention to adopt Demographics a. Gender b.	H Usage
Perceived	1	Age c. Education d. Occupation e. Income H 8a-f	7
ease of use	Η		
Complexity	2		
Perceived	Η		
Compatibility	5		
Social Influence	Η		
Figure 1:	6		
Perceived Trust	Η		
Perceived	3		
	Η		
	4		

 $[Note: @ 2020 \ Global \ Journals]$

Figure 1:

324

Figure 2:

 $^{^1 @}$ 2020 Global Journals

25 MAJOR FINDINGS, CONCLUSION AND RECOMMENDATIONS

Model Regression	ANOVA Testing Null Hypothese ANOVA Table effect on be Sum Df Alternative Hypotheses: of Squares
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(Trust and Behavioral Social influence and Behavioral intention	Totas7.37209 .054
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Globialtention to adopt From the table it has shown that Pearson .270	a .073 Correlation (r) is .27 and the $\mathbf v$
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B 5.383	Model Summery Hypotheses Testi R R Square T statistic Critical value					
$4.999 \\ 4.680$	6.885 1.976 .29 3 986 ANOVA Table .083 1.976 Sur a					
1 From the table it has shown that Pearson Regression 11.173 Residual 176.197 Correlation (r) is .29 at YearTotal behavioral intention and usage. Adjusted R square value 187.370 ANOVA Table 299 Y=? 0 +? 2 2020 Model Sum of						
of Squares Volumependent Variable: I will use mobile banking in the future Predictors: (Constant), To use mobile XX Is- sue IV Ver-						
31 whic	h significant level is 0.05 and					
	99 Dependent Variable: To use mobile nd calculated critical F value is 2.635					
	5.383 4.999 4.680 173 Res alue 18 re Predi 31 whic 7.370 29					

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25 MAJOR FINDINGS, CONCLUSION AND RECOMMENDATIONS

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