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A Study on Understanding the Acceptance of M-Payment among Gen Z in India

***Prof. DhruvinChauhan*[*1], *AtrayeeKonwar*[*2], *ShagunBhatnagar*[*3]**

[*1]. Assistant Professor, Faculty of Management Studies (MBA), Parul University, Vadodaara 391760, India
[*2] Student, PIET (MBA), Parul University, Vadodara 391760, India
[*3] Student, PIET (MBA), Parul University, Vadodara 391760, India

ABSTRACT

The study's purpose is to find out what inspires Indians and Generation Z ers to utilise a mobile crowdsourcing app. These factors were taken into account when determining whether or not members of the Y and Z generations in the Maldives would really utilise crowdsourcing software for home repair, property repair, and upkeep. 53.77 percent of respondents from generation Y and 46.73 percent of respondents from generation Z were selected for the research. “Respondents were all paid in some way by their employers”. We tested four hypotheses to see how Maldivian individuals' behavioral intention to utilise a crowdsourcing mobile app was impacted by four factors: There were three statistical methods used to evaluate the hypotheses: the Pearson Correlation, linear regression, and multiple regression

An app's perceived value, social influence, and the desire for a good time were all shown to have a significant impact on users' behavioural intentions to use it. Three behavioural qualities were shown to be positively associated with a desire to behave. When it comes to using a crowdsourcing mobile app, the bigger the sense of danger is linked to using the app, the lesser the intention to use the app. older generations are more likely to use the mobile crowdsourcing app because of its perceived utility, social effect and hedonic incentive than younger generations... According to the study, women have a greater fear of risk than men. The need for enjoyment outweighed the desire to be a part of a social group among women when it came to utilising mobile applications.

Keywords: Analysis, investigation, research, Generation Z, India.

INTRODUCTION

Mobile commerce is a logical next step in the evolution of e-commerce. Electronic commerce is propelled by online payment options and a well-designed website. Automated teller machines (ATMs) and shared banking networks, debit and credit card systems, electronic money and stored value applications, and electronic bill presentation and payment systems have all helped to make electronic commerce possible. In the future, mobile commerce will be made easier thanks to the natural development of e-payment systems into mobile payments. The term "mobile payment" or "m-payment" refers to any transaction where a mobile device initiates, authorizes, and confirms an exchange of value in return for goods and services, as specified above (Kauffman, 2017).

There are a variety of mobile devices available, such as cell phones, PDAs, wireless tablets, and anything else that can make payments over a mobile telecommunications network (Fokus, 2014). The introduction of mobile payments will open up new avenues of convenience and business. Unexpected technical advances are conceivable. Music and video on demand, location-based services, and other services may be procured using mobile devices if mobile payments become widely accepted and widespread. Mobile payments may serve as an alternative to cash, checks, credit cards, and debit cards. With account-based payment instruments like electronic money transfer, Internet banking, direct debit, and electronic bill presentment, it may also be used for bill payment (particularly utility and insurance premiums).

It is possible to make payments using mobile phones. Customers may use a mobile phone to transfer money or pay for products and services rather than cash, check, or credit card. Sending money through SMS, Java application via GPRS, WAP service, IVR, or any mobile communication technology may be used by a consumer to make a payment or transfer funds. This service is provided by a bank in India. Customers who want to take use of this service will need to register with banks that provide it. Many large banks are now providing this service, and it is projected to expand in popularity. India's Mobile Payments Forum of India (MPFI) serves as the governing body for mobile payments in the country. When IDRBT in Hyderabad and IIT Madras teamed together in 2006, they aimed to create the Mobile Payment Forum of India with the goal of making mobile payments and financial services available to all citizens of the digital India via safe and efficient transactions at cheap costs. MPFI was born.

More than one-third of Indians don't have bank accounts, and the majority of them live in the countryside. Despite India's enormous rural population, conventional financial institutions are unable to meet their demands. In order to open a traditional bank branch in a remote region, large sums of money would have to be spent on infrastructure and extra staff. Most rural Indians are unable to receive basic financial services, such as deposits and withdrawals from a trustworthy source, due to a lack of banking infrastructure in their area. Mobile telephony has had a major influence since it has allowed agents in information-restricted places to participate in more optimum arbitrage.

A negative influence on market orientation and the role of more knowledgeable and empowered consumers is being caused by the emergence of disruptive information technology (e.g., social networks). Digital wallets and "buy now, pay later" (BYP) are becoming more popular as a result of this disruptive technology and altering customer expectations (BNPL). Fintech advancements have enabled businesses to provide a wider range of payment options tailored to match the needs of modern consumers. This includes virtual and digital wallets, cryptocurrencies, BNPL, and contactless payments that don't use conventional payment methods like cash.For online retail sales in the United Kingdom, APMs are expected to account for 4% of all sales by 2020. Generation Z (GZ) and Y (GY) customers are becoming the most common users of APM and BNPL solutions due to a rising consumer trend. BNPL consumer trends have been studied quantitatively in the past, but less attention has been paid to GY and GZ consumer motives from a multi-factored and holistic perspective. By 2020, the amount of BNPL services is predicted to climb by 10-15 times its present level, making the payment card sector a target for APM's rising popularity. There are 7.4 million people in the UK who claim to live a "almost-cashless existence," with cash payments anticipated to account up just 9 percent of all transactions by 2028.

Millennials and members of Generation Z

GZ and GY are the primary target groups, thus it's critical to identify the traits and preferences of this demographic group. A member of Generation Y (GY) is a person who was born between 1981 and 1996, during the birth of new technologies such as the internet and social media. The result is that GYs are frequently referred to be the first "digital natives" because of their intrinsic digital abilities and language. Because they make up the second-largest generational group in the UK, they have significant impact on the economy. As a result, e-commerce relies on their buying power and technical prowess. When it comes to marketing and product offers, GYs employ mobile devices and the internet to their full advantage. The needs of GY's customers, including their payment habits, must be well understood by both marketers and commercial organizations alike.

According to omnichannel research, 83 percent of consumers want firms to use different electronic payment methods. Businesses must provide various payment channels to fulfil high customer expectations.

It has been suggested, however, that GZ are truly digital native since they were born amid the extensive usage and expansion of information technology, and hence have a greater competency and dependency on digital services. These are people born between 1995 and 2016, and GY and GZ are typically perceived as having similar qualities, while GZ has distinct customer-oriented behaviour.

People in Generation Z (GZ) are considered more in control than prior generations [20] and have more complicated, multichannel expectations for market offers than earlier generations. Expectations of technology and user experience innovation and convenience are greatly influenced by this desire. Payment methods that GZ constantly rejects in favor of older, less sophisticated ones. Though they lack buying power compared to GY because of their restricted finances, they represent the next generation of customers and so provide as a great opportunity for marketers. GZ's population in the UK is expected to surpass GY's (12.56 million) by the year 2050.

OBJECTIVES

- To Study on financial technology has advanced rapidly over the last several decades, the way we live and do business has been profoundly altered.
- To Study on widespread use of the internet is encouraging the development of new types of business. Paying for goods and services on the go is a handy.
- To Study on digital platforms may be used to successfully perform.

LITERATURE REVIEWS

The novel feature of the present study is to extend the traditional UTAUT model to include the constructs of promotional activities, perceived financial/privacy risks as well as psychological/social risks. In what follows, we provide a description of each of the construct in the extended UTAUT model and the research hypotheses outlining the structural relationships.

The UTAUT Model

The UTAUT model identifies four major determinants of behavioral intention and usage: performance expectancy, effort expectancy, social influence, and facilitating conditions, while at the same time moderated by gender, age, experience, and voluntariness of use. The model was found to achieve a high level of the explanatory power of 70% with empirical data and, thus, has been applied in wide-ranged of fields. Some recent research, for example, concentrated on applying UTAUT in modeling the adoption of mobile payment services.

Performance Expectancy

Performance expectancy captures the user's perceived gain in job performance when the technology is applied. In general, performance expectancy is composed of five sub-facets:

(i) perceived usefulness the user believes that the adoption of technology improves work efficiency

(ii) extrinsic motivation users believe that there is an added value in adopting the technology

(iii) job-fit—users think that adopting this technology improves job performance; (iv) relative advantage users think that adopting this new technology is better than the previous one

(iv) outcome expectation—users expect to have a sense of accomplishment and pleasure after applying the technology. This study posits the research hypothesis concerning the effect of performance expectancy on behavioral intention as following

Effort Expectancy

The effort expectancy is defined as "the degree of ease associated with the use of the system" p. 450, and can be divided into three sub-facets, which includes perceived ease of use, complexity, and ease of use. The following hypothesis postulates the relationship between effort expectance and behavioral intention

Social Influence

Social influence concerns the positive or negative view of the technology held by the individual's social reference group including families, friends, peers, and the individual's expectancy of gaining recognition or acceptance. A couple of studies emphasized social influence, which signifies the effects of peers, young celebrities, and role mod- els. The social influence construct, therefore, includes four sub-facets:

(i) subjective norm—the influence from others around including the families, friends, such as the degree to which one should or should not take action;
(ii) social factors—the influence of culture and social norms on individual behavior;
(iii) image—the user believes that adopt- ing the technology is beneficial to improve one's social image and social relations
(iv) celebrity endorsement.

Creating a Model of Behavioral Intentions

When determining whether or not a consumer would purchase or make use of certain goods, services, or technologies, one considers their "behavioral intention" (Davis, 1989). Many research has been conducted to discover the most significant elements that influence the use of new technology. As a starting point, this model incorporates theories such as the Theory of Reasoned Action, the Planned Behavior Theory, and the Technology Acceptance Model (TAM) (UTAUT).

Since its inception in 1967, the Theory of Reasoned Action (TRA) has sought to explain how attitudes, subjective standards, and behavioral intentions interact (Ajzen&Fishbein). Whether or whether the intended consequence of a person's attitude influences their conduct, the desire to act is impacted by the attitude of a previous person. A person's decision on whether or not to engage in the conduct is also influenced by social influences.

Normative views and the desire to emulate affect subjective norms, while attitudes are determined by beliefs and evaluations. the amount to which one has an appraisal of activity that they enjoy or detest; whereas the sub- jective norm of one's opinion is whether other people feel they should engage in particular actions (Ajzen&Fishbein, 1969). According to Ajzen and Fishbein (1977), intention to act is the degree to which someone is ready and eager to engage in specific behaviour. The Perceived Behavior Control (PBC) construct was included into the TRA to create the Planned Behavior theory (TPB). Perceived behavioral complexity (PBC) refers to an individual's assessment of how easy or difficult it is to carry out a certain activity (Sommer, 2011). Perceived behavioral control (PBC) is also a person's view of how they control particular actions (Davis).

The link between user attitudes and perceptions of interest in technology adoption and actual adoption is explained by the Technology Acceptance Model (TAM).(1989) Davis (Davis). Users' interest in diverse information systems may be predicted using TAM, which builds on TRA. Its core constructs are "perceived utility" (PU) and "perceived simplicity" (PEOU). Information systems technology is more likely to be adopted if the user believes it will enhance his or her work performance. PU measures how much a person feels that implementing a certain method would improve their ability to do their job (Davis, 1989).

In addition, PEOU is the degree to which a person feels a system is simple to use. TAM is one of several useful conceptual frameworks for examining how new information system technologies get adopted by the general population. More than TRA or TPB, TAM has the ability to explain why consumers want to utilise certain technologies (Leong, Hew, Tan, &Ooi, 2013). Researchers studying how people embrace new technologies and information systems often turn to the TAM model. As a result, the UTAUT model was developed by (Venkatesh et al., 2003) by incorporating ideas from the TRA, TPB, TAM, motivation models, and social cognitive theories (Unified Theory of Acceptance and Use of Technology). It is the goal of the UTAUT to describe how users intend to embrace new technologies and their subsequent use behaviour, based on four constructs: performance expectations, Effort Expectancies, Facilitating Conditions, and Social Influences. A number of new factors, such as Perceived Enjoyment and Trust (Chao, 2019), have been added to UTAUT insubsequent investigations (Oliveira, Thomas, Baptista, & Campos, 2016)

Behavioral Intentions and Expectations: The Role of Performance

People's faith in the system's ability to boost their performance on the job is known as "Performance Expectancy" (Venkatesh et al., 2003). The TAM model may be applied to this statement. Those who see the advantages of using mobile payment systems for their transactions or financial concerns will begin to use them. As part of articulating the motivation to utilise mobile payment technologies, performance expectations are critical. For example, a study by Handayani&Sudiana (2017) found that Performance Expectancy significantly affects the behavioural intention to use certain technologies, such as academic information systems (Ali &Qaisar, 2018), mobile commerce technologies (Ali &Qiasar, 2018), and mobile learning (Chao, 2019), among others (Jung et al., 2020). In light of the foregoing, the following hypothesis has been formulated

Behavior Intentions and Expected Effort

When it comes to Effort Expectancy, individuals believe that a system will be simple to use and error-free (Venkatesh et al., 2003). An information technology system is seen to be easy to use because of this belief. According to TAM, the perceived ease of use is a crucial factor in people's decision to accept new technology (Davis, 1989). Effort Expectancy has been proven in several research to have a major impact on an individual's desire to embrace a given technology (Oliveira et al., 2016); (Pea &Brajkovi, 2016); (Slade, Dwivedi, Piercy, & Williams, 2015). In light of the above, we may say

The Influence of Social Pressures on a Person's Behavior

Influenced by others (e.g. friends, colleagues, family members) is a term used to describe the extent to which an individual is influenced by the actions of others (Venkatesh et al., 2003). The TAM model does not take into account the effects of social influence. It's easy to compare Social Influences to Theory of Reasoned Action's subjective norm (TRA). As a result, the UTAUT model acknowledges the significance of adding a social component, such as the views of close friends and family members, in the model. According to this idea, when people utilise particular technology at a young age, Social Influences grow stronger. People become more sensitive to the opinions of others.

People are more likely to utilise mobile payment systems under the influence of social norms if other people see the benefits of the technology (Nassar et al., 2019). When it comes to social expectations, the term Social Influences refers to one's view of what influential others think and expect one to do.

According to a number of studies, Social Influences have an important role in people's Behavioral Intention to utilise new technologies in learning management systems, such as mobile learning (Slade et al. 2015), and mobile payment (Oliveira et al., 2016). (Al-Okaily, Lutfi, Alsaad, Taamneh, &Alsyouf, 2020).

People's impressions of all available resources and support for certain actions are referred to as "facilitating conditions" (Venkatesh et al., 2013). If a

person has this belief, then the technological infrastructure is there to facilitate the system's adoption. People are more likely to accept new technology if there is a supportive infrastructure in place (Oliveira et al., 2016). For example, Mensah and Chuanyong and Zeng (2020) and Patil and colleagues (2020) found that Facilitating Conditions greatly influenced the Behavioral Intention of utilising a given technology (Gupta, Manrai, &Goel, 2019).

The Influence of Belief in One's Self on Future Behavior

A customer's trust in an online store is based on an in-depth knowledge of the merchant's attributes. Beliefs such as trust are built on the foundation of honesty, reliability, kindness, and dependability (Pavlou, 2003). People's confidence in mobile payment technology is measured by how much they feel it is trustworthy. Mobile payments are still dominated by users' anxiety about their degree of trust, security and secrecy as a new technology (Septiani, Handayani, &Azzahro, 2017).

It is very uncommon for consumers and sellers to do online transactions without ever meeting in person, which contributes to a lack of confidence in mobile commerce in the first place. Consequently, customers are apprehensive that the vendor may swindle them or abuse their personal information. This is why (Septiani et al., 2017). As a result, customers may be hesitant to acquire products or services from internet sources due to a lack of trust. Studies have shown that a person's level of confidence in a certain technology influences their willingness to utilise it; (Patil et al, 2020). (Al- Saedi et al., 2020).

RESEARCH METHODOLOGY

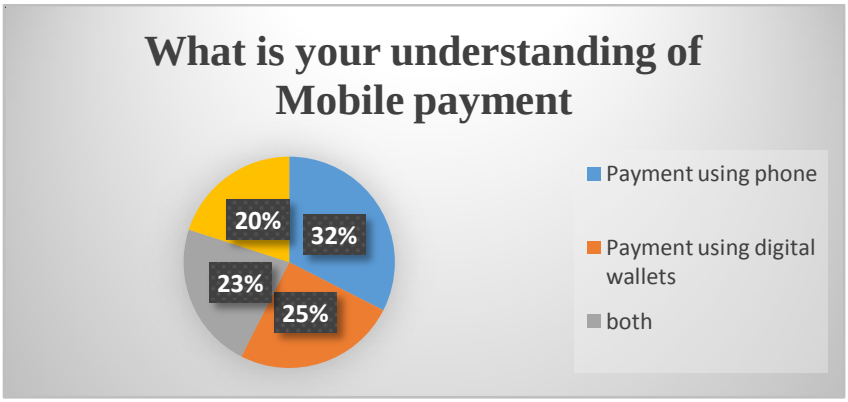
The data collected for the research is from primary sources of a sample size of 200 persons, people from Generation Z of India were taken into consideration, to understand the acceptance of M-payment among Gen Z in India.

H0: This study examines the acceptance of mobile payments among India's Generation Z and finds that there is a substantial and distinct difference.

H1: In India, a study on understanding the acceptance of m-payments among gen z, there is no major and different.

RESULTS AND DISCUSSION

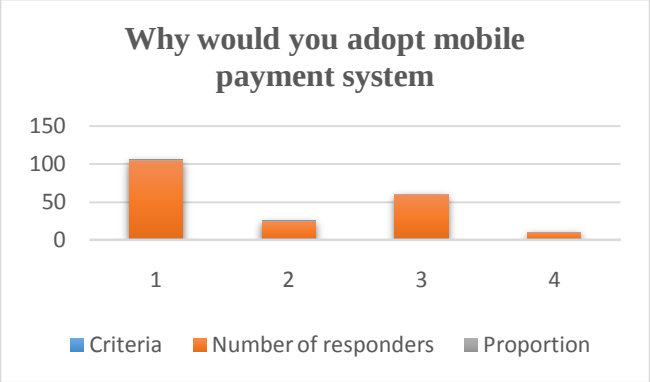
Option	Noofrespondents	Percentage
Payment using phone	65	32.5%
Payment using digital wallets	50	25%
both	45	22.5%
Others	40	20%



INTERPRETATION

A graph depicts A total of 32.5 percent of the population understands payment by phone, 25 percent understand payment via digital wallets, 22.5 and 20 percent of the population comprehend mobile payment, and the rest of the population does not.

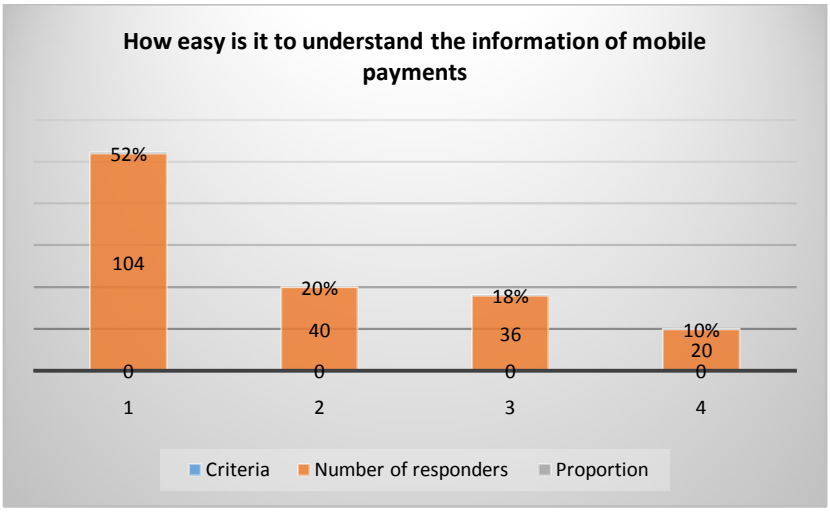
Sl Number	Criteria	Number of responders	Proportion
1	Convenience	105	52.5%
2	Ease of use	25	12.5%
3	Cash back/ rewards	60	30%
4	Other	10	5%



Interpretation

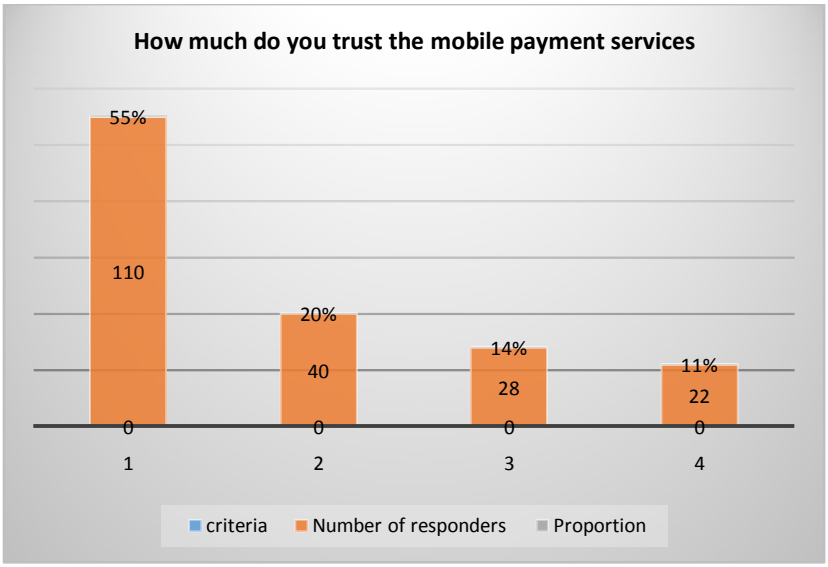
According to graph 52.5 percent of respondents cite convenience as the primary reason for using a mobile payment system, followed by 12.5% percent citing ease of use, and 30%
percent citing security. Rewards in the form of money, The remaining 5% There was no response from any of the participants.

Sl number	Criteria	Number of responders	Proportion
1	Extremely easy	104	52%
2	Not so easy	40	20%
3	Very easy	36	18%
4	Not at all easy	20	10%



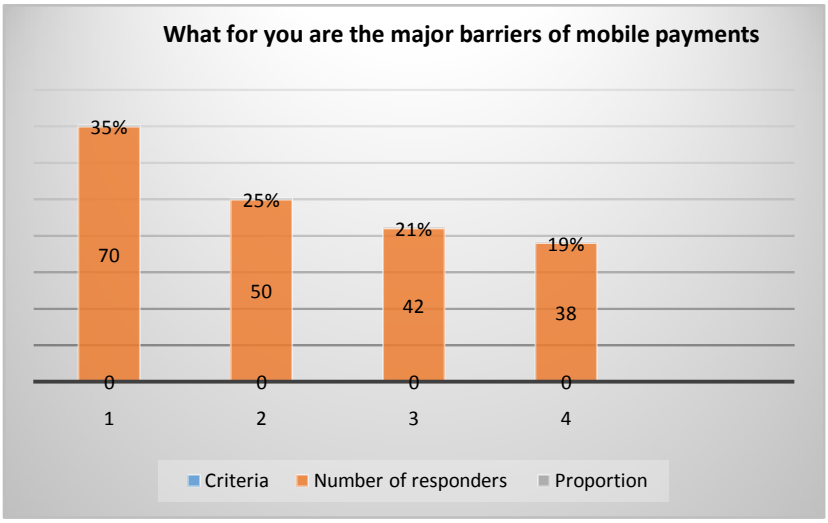
Interpretation

More over half of those polled (52 percent) said they strongly believe that they have a method for assessing workplace health and safety results. A whopping 20% of those polled agreed with this news (although not enthusiastically). One-eighth of those polled had no opinion on the matter. None of the opinions expressed were universal. Ten percent of the people who responded said this.



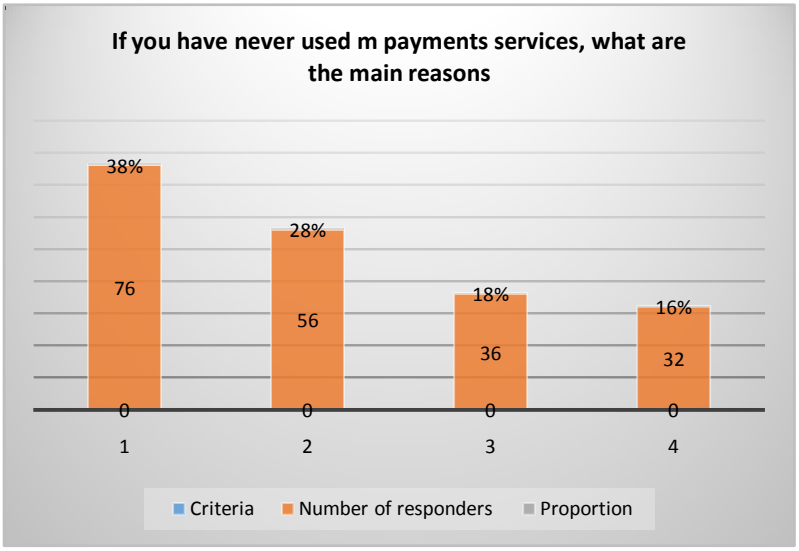
Interpretation

According to the graph, 55% of those questioned believed that a lot of money was a big deal At 55%, 20% are just a little, a lot, and never, which is 14,11% of the total. How much trust do you have in the mobile payment services.



Interpretation

According to the graph, 35 percent of those polled said that the biggest obstacle to mobile payments was that they had no barriers to entry. 25 % of the population Put no faith in the security. About 21% of the population Not a fan of typing information into a computer and time-consuming 19% of the total.



Interpretation

The data shows that 38% of respondents had never used or heard of mobile payments. Only 28% of the population is concerned about security. Some 18 percent of individuals don't like technology, and 16 percent aren't available via a bank account The bank does not have the capacity to offer this kind of service.

CONCLUSION

This study illustrates the risk-averse preferences of India young generation, since different types of perceived dangers drastically decrease the young generation's chance of embracing mobile payment." According to the results, a more secure mobile payment system and policy should be implemented. There is no clear evidence that gender affects behaviour intention or actual usage. In Taiwan, there is a relatively little gender gap in the adoption of ICTs and mobile payment services, despite the fact that this finding contradicts some past study that did not focus on the younger generation. We did research to better understand how young people use new technology commodities like mobile payment systems. Be aware that risk was shown to be a moderate moderator in the adoption of mobile banking in India since the two gender group's perceived risk as equally important. Consequently, it is necessary that the perception of risk by mobile payment users be decreased in order for the technology to be widely used.

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