

OPEN ACCESS

Volume: 7

Issue: 4

Month: April

Year: 2020

P-ISSN: 2321-788X

E-ISSN: 2582-0397

Received: 08.02.2020

Accepted: 15.03.2020

Published: 01.04.2020

Citation:

Soundarapandian,
Ramkumar. "Impact
of Digital Payment
Implementation on
Consumer Behavior."
*Shanlax International
Journal of Arts, Science
and Humanities*, vol. 7,
no. 4, 2020, pp. 132–137.

DOI:

[https://doi.org/10.34293/
sijash.v7i4.2103](https://doi.org/10.34293/sijash.v7i4.2103)

The Impact of Digital Payment Implementation on Consumer Behavior

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The revolutionary impact of digital payment systems on consumer behaviour is examined in this research report. This study aims to investigate the effects of vendor and consumer behavioural changes brought about by the increasing use of digital payment systems. In order to offer light on the changing dynamics of digital payments and its implications for many stakeholders, this research will examine consumer preferences, attitudes, and adoption patterns in addition to vendor experiences and obstacles. Consumer acceptance of digital payment options has increased significantly in recent years. These payment methods' growing acceptance can be attributed in part to their accessibility, quickness, and ease of use. There are currently several options available to consumers, such as online banking, contactless payments, and mobile wallets. This study aims to illuminate these processes in order to offer useful information to consumers, companies, and regulators navigating the changing financial transaction landscape of the digital age.

Keywords: Digital Payment, Implementation, Consumer Behaviour, Impact, Analyse.**Introduction**

The rise of digital payment systems has altered the way that transactions are conducted nowadays. Due to the convenience that cell phones offer, both buyers and sellers are rapidly adopting digital payment methods as their preferred means of conducting financial transactions (Alfian, 2019). The transition to digital payments has brought about significant changes in the financial landscape and in the behaviour of both buyers and sellers (Dudin, 2018). This study aims to examine the effects of customer and merchant behavioural changes brought about by the widespread adoption of digital payment methods. This analysis aims to shed light on the evolving aspects of digital payments and its recommendations for various partners by looking into consumer inclinations, mentalities, and reception designs in addition to seller encounters and challenges. Consumer acceptance of digital payment methods has experienced a critical surge recently. These payment structures' increasing popularity is a result of their ease, quickness, and availability (Farida, 2019). Currently, consumers have a plethora of options to choose from, such as online banking, contactless payments, and flexible wallets (Rita, 2019). As a result, there have been behavioural shifts among consumers, including a reduced reliance on cash, an increased propensity for digital transactions, and altered purchasing patterns (Hossain, 2018).

Furthermore, attitudes and perceptions of customers toward digital payments have also changed. Concerns about security and trust have had a significant influence on how digital payment methods are received (Liébana-Cabanillas F. R.-R., 2017). Customers must have confidence in the security of their financial information and the protection of their transactions against fraud or security lapses (Park, 2019). Thus, developing limitless reception now requires an awareness of customer trust elements and taking care of security challenges (Akram, 2018).

On the other hand, the shift to digital payments has also caused vendors to undergo adjustments in their business practices and relationships with their customers. Accepting digital payments is now a must for vendors to stay in business and pay close attention to their customers' changing preferences (Mendoza-Tello, 2018). It is imperative for merchants to adapt to emerging payment innovations, integrate them seamlessly into their existing systems, and ensure a uniform customer experience. These advancements come with a unique set of challenges, such as the need for framework updates, hiring qualified staff, and managing conditional data (Nugrahtama, 2018).

These behavioural shifts have an effect on more than just specific buyers and vendors. The disruption of established plans of action caused by the change in customary payment biological systems has encouraged associations to progress and find new ways to express value (Pahwa, 2017). The competitive landscape has also experienced changes due to the entry of new firms, such as fintech startups and digital payment platforms. In response to these developments, regulators and policymakers have implemented measures to manage electronic payments, protect consumers, and promote financial inclusion (Razon, 2019). Due to a number of circumstances, it is crucial to comprehend how behavioural changes affect customers and merchants in the digital payment space. It provides tidbits of insight about consumer preferences, which can help businesses better tailor their offerings and foster customer loyalty. It also enables policymakers to identify gaps in the administrative system and develop strategies to promote progress while safeguarding the interests of consumers (Thiebaut, 2019). Furthermore, by being aware of the challenges faced by sellers, stable conditions and incentives that support efficient digital payment coordination can be improved. By examining various viewpoints, this research aims to contribute to the existing literature and provide partners interested in the field of digital payments with useful experiences (P., 2019). The insights will support procedures, enable industry professionals, legislators, and scientists to successfully investigate the emerging field of digital payments and make well-informed decisions (Lin, 2019).

Objectives of the Study

1. The following are the objectives of the study:
2. To examine customer attitudes and reception patterns about digital payment methods.
3. To understand how consumer buying patterns are affected by digital payments.
4. To look into the challenges and issues retailers faced when using digital payment frameworks.

Literature Review

Liébana (2018) carried out a thorough investigation with an emphasis on user behaviour in the new electronic environment of mobile payment systems. Their study takes a worldwide perspective, highlighting the need of comprehending user behaviour patterns in many geographical areas. Through their analysis of variables like perceived utility, convenience of use, and trust, the writers offer insightful information about what motivates users to embrace and interact with mobile payment systems (Liébana, 2018).

Sivathanu (2019) looks into India's acceptance of digital payment methods, especially in light of demonetization. Sivathanu investigates, using empirical analysis, the variables influencing people's choices to embrace digital payment systems in the face of major shifts in economic policy. By illuminating the socio-economic effects of government interventions on the adoption of digital financial technology, this study adds to the body of previous literature (Sivathanu, 2019).

Alaeddin et al. (2018) concentrate on customer behaviour concerning the shift in payment methods from physical to digital, with a particular attention on the phenomena of adopting mobile wallets. Their study emphasizes how critical it is to comprehend customer preferences and motives in order to facilitate the shift to mobile payment options. The report offers significant insights for firms and politicians seeking to promote digital financial inclusion by highlighting characteristics including ease, security concerns, and perceived usefulness (Alaeddin, 2018).

Sobti et. al (2019) using an expanded Unified Theory of Acceptance and Use of Technology (UTAUT) model, investigates how demonetization has affected the spread of mobile payment services in India. Sobti clarifies the intricate relationship

between technical improvements, user behaviour, and regulatory actions by looking at the causes of behavioural intention and adoption. By providing a comprehensive understanding of the factors influencing the uptake of mobile payment services following major regulatory changes, this study adds to the body of literature (Sobti, 2019).

Mohamad and Kassim (2019) examined the relationship between UTAUT constructions, financial cost, technological awareness, and e-payment acceptance among Malaysian microfinance clients. The study conducted by Venkatesh et al. (2003) is theoretically supported by the UTAUT model, which suggests that users' behavioural intention and actual usage behaviour of technology are significantly influenced by performance expectancy, effort expectancy, social influence, and facilitating conditions. The study expands on this model by adding financial cost and technological awareness as other variables affecting the uptake of e-payments. Mohamad and Kassim conduct a quantitative analysis and discover that while financial cost has a negative association with adoption intention, performance expectation, effort expectancy, and facilitating factors have a favourable impact on microfinance clients' intention to embrace e-payment. These results emphasise the role that affordability plays as a deterrent to e-payment adoption among microfinance consumers, while simultaneously underscoring the significance of perceived benefits and simplicity of use in promoting e-payment adoption (Mohamad, 2019).

Research Methodology

Sampling Design

The knowledge acquired in Coimbatore was adopted by the analyst as an optimal testing strategy. 300 surveys were distributed as part of an organized poll; of those, 240 were completed by respondents and returned. The analyst distributed a survey to sellers in addition; only 71 responses were obtained out of 80 questionnaires that were distributed to merchants. This review includes all 240 completed surveys from customers and 61 from sellers.

Analysis and Interpretation

Table 1 Consumers' Adoption and Preference for Digital Payments

Sl. No.	Level of Adoption and Preference	Number of Consumers	Percentage
1	In-convenient	65	28.10
2	Convenient	75	30.90
3	More Convenient	100	41.90
	Total	240	100

The degree of acceptance and inclination of the customers are displayed in the above table. 65 (28.10%) of the 200 and 40 respondents said it is not advantageous. Of the responders, 75 (30.90%) thought it was beneficial, but the remaining 100 (41.90%) thought it was more useful. The majority of responders (41.90%) believed it to be more beneficial.

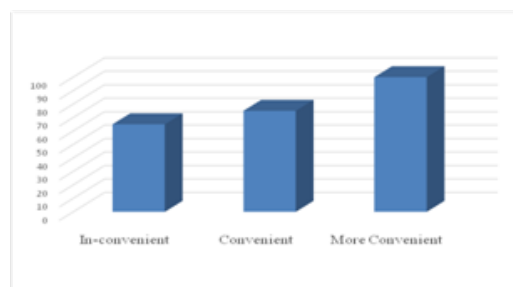


Figure 1 Adoption and Preference of Digital Payment – Consumers

Table 2 Vendors' Adoption and Preference for Digital Payments

Sl. No.	Level of Adoption and Preference	Number of Vendors	Percentage
1	In-convenient	10	15.27
2	Convenient	35	40.98
3	More Convenient	30	43.75
	Total	75	100

The acceptance and propensity of digital payments by retailers are displayed in the above table. Of the sixty respondents in the example, ten (15.27%) were poorly suited to adopt the digital payment framework, 35 (40.98%) believed it to be beneficial, and the remaining forty-seven percent

(43.75%) perceived it to be more helpful in terms of reception and inclination. The majority of respondents, 43.27%, were more accommodating when it came to accepting and favoring digital payments.

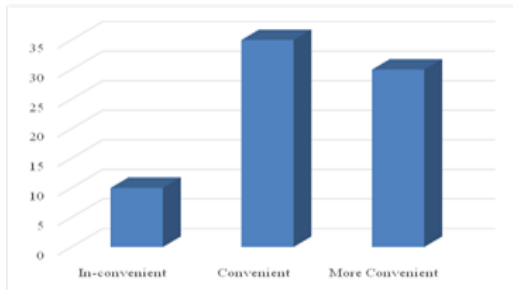


Figure 2 Adoption and Preference of Digital Payment – Vendors

Table 3 Consumers' Level of Impact from Digital Payments

Sl. No.	Level of Impact of Digital Payment	Number of Consumers	Percentage
1	Not much useful	28	8.27
2	Useful	126	52.98
3	More useful	93	38.75
Total		246	100

According to the above table, of the 246 respondents, 52.98 percent thought that the degree to which digital payments have an impact is helpful, 38.75 percent thought that digital payments are more valuable, and the remaining respondents thought that digital payments have very little value. The overwhelming majority of respondents believe that using digital payments to make payments is beneficial to them.

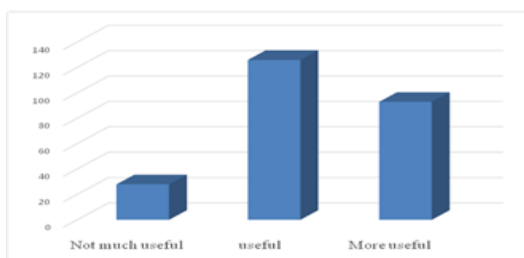


Figure 3 Level of Impact of Digital Payment – Consumers

Table 4 Level of Impact of Digital Payment – Vendors

Sl. No.	Level of Impact of Digital Payment	Number of Vendors	Percentage
1	Not much useful	12	25.59
2	Useful	20	27.51
3	More useful	29	46.90
Total		61	100

From the above, it can be inferred that of the 61 respondents, 46.90 percent believe that digital payments are more beneficial, 27.51 percent believe that digital payments are valuable, and the remaining respondents believe that digital payments are not at all helpful. The majority of respondents think that digital payments are more beneficial.

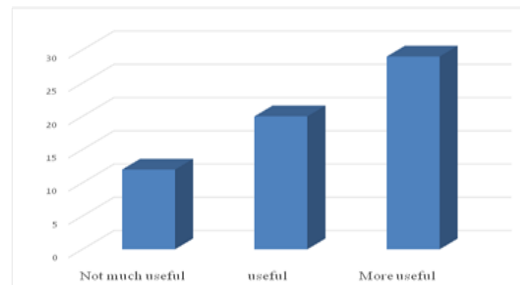


Figure 4 Level of Impact of Digital Payment – Vendors

Interpretations

- **Increased Safety Efforts:** Customers value the safety of their financial transactions. Thus, in order to foster confidence and protect customer data, digital payment systems should continuously invest in robust security measures like two-factor authentication, biometric verification, and encryption technologies.
- **User-friendly Connection Points:** Users appreciate intuitive and simple-to-use interfaces that facilitate the digital payment process. Payment applications and stages should focus on easy-to-explore planning connection points, with unambiguous instructions and little advancements required to complete an exchange.
- **Uniform Combination:** Digital payment systems should attempt to integrate with various platforms

and devices in a uniform manner. Customers want the convenience of being able to use their preferred method of payment on many websites, mobile apps, and in-store terminals without having to deal with duplication.

- **Rewards and Incentives:** Putting in place a rewards system or providing incentives might encourage users to adopt and regularly use digital payment systems. This could include rebate programs, reliability initiatives, restrictions, or limitations for users of digital payments.
- **Fast and Reliable Exchanges:** Customers want digital payments to be reliable and fast. Payment frameworks should be used for gold exchanges in order to provide a seamless and professional payment experience by reducing handling times and technical mistakes.
- **Consistent Cross-Line Payments:** Digital payment systems should aim to provide consistent cross-line payment capabilities for customers involved in international transactions. This includes shrewd foreign exchange rates, transparent fees, and profitable asset transfers across several currencies.
- **Client support:** When it comes to answering clients' queries and concerns about digital payments, effective client support is essential. Quick and knowledgeable assistance across several channels (such as phone, in-person visit, and email) can help to increase client confidence and successfully handle any concerns.

Conclusion

Together, the study's findings highlight the profound impact that digital payment technologies have on both suppliers and consumers, fundamentally altering the way that people conduct business. Customers have widely used digital payment methods due to their exceptional speed, security, and simplicity. Due to this acceptance, consumer behaviour has significantly changed, leading to a rise in online purchases and a fall in the usage of traditional payment methods. As a result, vendors have had to adjust their business strategies to accommodate the increasing demand for digital payments. Those who have used these solutions have seen improvements in operational efficiency, cost

savings associated with cash handling, and growth in their clientele. All in all, the report highlights how revolutionary digital payment technologies are, altering not just how individuals communicate but also how companies need to adjust their operations. As more and more customers use digital payment methods, vendors must adjust their business models to thrive in the digital economy. This includes keeping up with technological advancements and consumer preferences. According to the study's findings, consumers are no longer considering how much money they have to spend while making purchases. The quick transfer of funds from the customer's bank account to the vendor's bank account. To save or withdraw money, customers must open a separate bank account and be maintained apart from the running cash. Additionally, the suppliers' turnover is transferred to their bank account. They should have a separate account to hold their savings and deposits since they must record the amount they get from their clients.

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