



An Understanding of Customer Satisfaction of Paytm Wallet

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Abstract

In this day and age, when people don't have time to sit back and relax, how can they complete their personal tasks like charging their phones, paying their insurance or utility bills, or shopping, among other things? By using digital wallets filled with coupons and offers, the current era is introducing a new pace in the payment system. Using digital wallets loaded with coupons and offers, the contemporary era is bringing about a new speed in the payment system. A new app called Paytm or Pay U Money has been released to help people and relieve their stress. A customer is someone who makes purchases from manufacturers of goods and services. Customer satisfaction is tied to both products and services. The customer's expectations significantly influence this incredibly subjective evaluation. It differs according to the situation and the service or product. It has made people's lives easier because a larger proportion of individuals utilise this programme on their mobile phones. The focus of the current study is on how these new digital payment systems influence customers and any potential problems that might have emerged.

Keywords: Digital Payment System, Paytm, Pay U Money, digital wallets

Introduction

customers are not all the same. Customers receive items for their own consumption, as opposed to customers such as middlemen, agents, and so on, who may or may not choose to purchase products for their own use. In August 2015, Paytm received a licence from the Reserve Bank of India to launch a payments bank. The Paytm Payments Bank is a separate

entity in which founder Vijay Shekhar Sharma will hold 51% of the shares, One97 Communications will hold 39%, and a subsidiary of One97 and Sharma will hold the remaining 10%. The bank was officially inaugurated in November 2017 by the Indian Finance Minister, Arun Jaitley. The inauguration ceremony featured prominent banking personalities, including former RBI Executive Director PV Bhaskar, Saama Capital Director Ash Lilani, and former Shriram Group Director GS Sundarajan. It is set to launch over 100,000 banking outlets across India by the end of 2018.

Review of literature

Lirong Chen et al. (2017) Consumers can get important references from online reputation systems before making a purchase decision. So designing a mechanism to encourage consumers to leave honest online reviews becomes very important for e-commerce platforms. Na Young Jung (2017) As consumers become better informed and more demanding about their purchases of services, the service provider's failure to satisfy all consumers during the delivery of the service is unavoidable. Consequently, alleviating consumer dissatisfaction that results from service failure has become important. The results indicated that consumers' perceptions of distributive and interactional justice differ by the types of service recovery and supported significant relationships among perceptions of justice, satisfaction, and WOM intentions.

Iviane Ramos de Luna et al. (2018) have analysed In addition to identifying the key elements that drive the adoption of various mobile payment systems as a form of payment, this study examines the factors that influence consumer acceptance of SMS (Short Message Service), NFC (Near Field Communication), and QR (Quick Response) payment systems. The study's findings and originality can be found in the formulation of various behaviours based on how each of the suggested payment tools is used by its users. The conclusions and management implications offer businesses many possibilities.

According to Luis-Alberto Casado et al. (2019), trustworthy e-payments are critical for encouraging future online purchases. This study employs functional magnetic resonance imaging (fMRI) to investigate the underlying brain mechanisms involved in the use of two widely used systems: debit cards and PayPal. It also employs fMRI to detect neural effects associated with both dangerous and secure e-payments. According to the survey, people are more likely to use Paypal because they perceive it to be more effective, rewarding, and secure. E-payments made with a debit card, on the other hand, result in brain activity

associated with unpleasant and dangerous situations. These findings provide critical information about how consumers make unconscious payment method choices.

S.H. Hsu (2020) has analysed this study and proposed an online customer satisfaction metric based on the American Customer Satisfaction Index (ACSI). Because online shopping differs from traditional shopping in many ways, a new electronic customer satisfaction index (e-CSI) is required to measure it. This study serves as a starting point for combining the satisfaction literature and developing a satisfaction index for online environments. During a one-month study of Taiwan's leading online store, the e-CSI model was discovered to significantly predict customer loyalty and overall customer satisfaction (PChome Online). In this analysis, we discovered that PC Home Online's satisfaction score is comparable to the ACSI average for the online retail sector.

Tomi Dahlberg (2021) has analyzed, according to a prior review of the literature (Dahlberg et al. 2008b), which covered articles published between 1999 and 2006, that the majority of research has concentrated on a few themes. To address this issue, a research agenda was developed to encourage scholars to investigate novel topics. Our assessment after nearly ten years reveals that little new information has been accumulated and that academics have largely focused on the same issues (particularly those related to consumer uptake and technological features). We assess existing research, investigate potential causes of the field's lack of diversity, and make new recommendations for future mobile payment studies.

Need of the study

Customer satisfaction may have an impact on a company's success or failure. If banks want to compete in the market, they must please their customers. As a result, online payment systems must be aware of the characteristics that customers use to evaluate service quality in order to improve it. The purpose of this research is to learn more about how customers value online payment services.

Scope of the study

The study outlined the preferred methods and issues associated with improving performance attitudes. to learn what subscribers think about the product's price, level of service, coverage, clearance, charges, and availability. This study also helps to understand the Paytm service subscriber decision-making process and provides information on Paytm offers, premiums, and other schemes.

Gaps in the Literature

After reviewing national and international literature on the acquisition of knowledge on customer satisfaction with Paytm wallet, with a focus on Tiruvannamalai, I identified significant gaps that the previous researcher, namely

1. To identify the factors that influence customers using the online payment service
2. To find out customer satisfaction with respect to the sales and services offered by Paytm

Objectives

1. To study the factors that influence customers' use of the service offered by Paytm
2. to find out what factors influence occupation and usage frequency.

Hypotheses

H₀1: There is no significant relationship between the age of the respondents and the reason for using Paytm.

H₀2: There is no significant relationship between occupation and usage frequency.

Methodology

This study is based on both primary and secondary data. The primary data is obtained through a well-structured questionnaire, which consists of two paths: demographic detail and customer satisfaction, with special reference to Tiruvannamalai. These questionnaires are optional, and they include statements on a five-point Likert scale.

Data collection

At the initial stage, the researcher conducted a pilot study with 100 respondents distributed. The researcher distributed 200 questionnaires throughout Tamilnadu using the Conveyance Sampling method in all towns. The researcher takes great care in selecting respondents who are at ease giving the questionnaire; after distribution, the researcher received only 120 usable responses. As a result, the researcher's sample size is 120.

Data analysis

After collecting the 120 respondents, they were systematically calculated and entered in the IBM SPSS package. The following statistical tools are used to analyse the data:

1. simple percentage analysis
2. Chi-square analysis
3. ANOVA

Data analysis

Simple percentage Analysis

Age of the respondents

Age	No. of respondents	Percentage (%)
Below 18 yrs	17	14.2%
18 to 25 yrs	36	30.0%
26 to 40 yrs	48	40.0%
Above 40 yrs	19	15.8%
Total	120	100

Sources: Primary Data

The above table shows that 14.2% of the respondents are Below 18 yrs age, 30% of the respondents are 18 to 25 yrs age, 40% of the respondents are 26 to 40 yrs, and 15.8% of the respondents are Above 40 yrs age. The Majority 40% of the respondents are 26 to 40 yrs.

Educational qualification of the respondents

Educational qualification	No. of respondents	Percentage (%)
School level	18	15%
Graduate	36	30%
Post graduate	54	45%
Others	12	10%
Total	120	100

Sources: Primary Data

The above table shows that **15%** of the respondents are school level qualified, **30%** of the respondents are Graduate qualified, **45%** of the respondents are Post graduate qualified, and remaining **10%** of the respondents are other qualified.

Occupation of the respondents

Occupation	No. Of respondents	Percentage (%)
Student	34	28.3%

Self employed	35	29.2%
Business	32	26.7%
Industry purpose	19	15.8%
Total	120	100

The above table shows that **28.3%** of the respondents are Student in occupation, **29.2%** of the respondents are Self-employed in occupation, **26.7%** of the respondents are Business in occupation, and **15.8%** of the respondents are Industry purpose in occupation.

Purpose of using Paytm

Purpose of using paytm	No. of respondents	Percentage (%)
Money Transfer	61	50.8%
Recharge	32	26.7%
Utility & Bill payment	23	19.2%
All of these above	4	3.3%
Total	120	100

Sources: Primary Data

The above table shows that know 50.8% of the respondents are using Paytm for Money Transfer, 26.7% of the respondents are using Paytm for Recharge, 19.2% of the respondents are using Paytm for Utility Bill, and remaining 3.3% of the respondents are using Paytm for all of these above. The Majority 50.8% of the respondents are using Paytm for Money Transfer.

Mostly use for e- payment

Mostly use for e- payment	No of respondents	Percentage (%)
Paytm	44	36.7%
Phone pe	26	21.7%
Mobikwick	28	23.3%
Others	22	18.3%
Total	120	100%

Source: primary data

The above table shows that mostly use for e- payment, 36.7% of the respondents are use Paytm, 21.7% of the respondents are use Phone pe, 23.3% of the respondents are use Mobikwick, and 18.3% of respondents are use Other payment option. The Majority 36.7% of the respondents are use Paytm.

Utilized for last one year

Utilized for last one year	No of respondents	Percentage (%)
Paytm	42	35.0%
Phone pe	29	24.2%
Mobikwick	25	20.8%
Others	24	20.0%
Total	120	100%

Source: primary data

The above table shows that you utilized for last one year, 35% of the respondents are utilized for last one-year paytm, 24.2% of the respondents are utilized for last one-year Phone pe, 20.8% of the respondents are utilized for last one year Mobikwick, and 20% of respondents are utilized for last one year Others. The Majority 35% of the respondents are utilized for last one year paytm.

Any risk of using the Aaytm app

Risk of using paytm	No of respondents	Percentage (%)
Yes	28	23.3%
No	48	40.0%
Don't know	44	36.7%
Total	120	100%

Source: Primary Data

The above table shows that, 23.3% of the respondents are think paytm is risk for using, 40% of the respondents not think paytm is risk for using, and remaining 36.7% of the respondents of the respondents think Don't know for paytm is risk for using. The Majority 40% of the respondents not think paytm is risk for using.

Times of using Paytm

Times of using paytm	No of respondents	Percentage (%)
3 months	4	3.3%
6 months	13	10.8%
9 months	35	29.2%
1 Year	68	56.7%
Total	120	100

Sources: Primary Data

The above table shows that, 3.3% of the respondents are using 3 months, 10.8% of the respondents are using 6 months, 29.2% of the respondents are using 9 months, and remaining 56.7% of the respondents are 1 Year using. The Majority 56.7% of the respondents 1 year

using Paytm.

Level of satisfaction towards use of paytm

Factors/Satisfaction level	Highly Satisfied		Satisfied		Dissatisfied		Highly Dissatisfied	
	Res	Per	Res	Per	Res	Per	Res	Per
Recharge	38	31.7%	43	35.8%	23	19.2%	16	13.3%
Ticket Booking	36	30.0%	30	25.0%	32	26.7%	22	18.3%
Bill Payments	38	31.7%	31	25.8%	26	21.7%	25	20.8%
Shopping	34	30.8%	42	35.0%	24	20.0%	17	14.2%
Transfer funds	40	33.3%	35	29.2%	28	23.3%	17	14.2%

Source: Primary Data

The above table shows that Level of satisfaction towards use of Paytm, 35.8% of the respondents are Satisfied with Recharge, 30.0% of the respondents are Highly Satisfied with Ticket Booking, 31.7% of the respondents are Highly Satisfied with Bill Payments, 35.0% of the respondents are Satisfied with Shopping and remaining 33.3% of the respondents are Highly Satisfied with Transfer funds. Majority 35.8% of the respondents are satisfied with Recharge.

Level of satisfaction towards Paytm service

Factors/Satisfaction	Highly Satisfied		Satisfied		Dissatisfied		Highly Dissatisfied	
	Res	Per	Res	Per	Res	Per	Res	Per
Transaction Speed	37	30.8%	44	36.7%	22	18.3%	17	14.2%
Safety & Security	38	31.7%	29	24.2%	30	25.0%	23	19.2%
Charges of Using Paytm	34	28.3%	36	30.0%	26	21.7%	24	20.0%
Software Issue	37	30.8%	42	35.0%	25	20.8%	16	13.3%
Convenience	39	32.5%	35	29.2%	28	23.3%	18	15.0%

Source: Primary Data

The above table shows that Level of satisfaction towards Paytm service, 36.7% of the respondents are Satisfied with Transaction Speed, 31.7% of the respondents are Highly Satisfied with Safety & Security, 30.0% of the respondents are Satisfied with Charges Of Using Paytm, 35.0% of the respondents are Satisfied with Software Issue and remaining 32.5% of the respondents are Highly Satisfied with convenience. Majority 36.7% of the respondents are satisfied with Transaction Speed.

Rate the level of awareness towards paytm facilities

Parameters	Highly Satisfied		Satisfied		Dissatisfied		Highly Dissatisfied	
	Res	Per	Res	Per	Res	Per	Res	Per
Mini statement	38	31.7%	41	34.2%	25	20.8%	16	13.3%
Fund transfer	43	35.8%	26	21.7%	29	24.2%	22	18.3%
Bills payment	31	25.8%	27	22.5%	38	31.7%	24	20.0%
Maximum Rs 20000 Per Day	42	35.0%	37	30.8%	24	20.0%	17	14.2%

Source: Primary Data

The above table shows that Rate the level of awareness towards Paytm facilities, 31.7% of the respondents are Highly Satisfied with Mini statement, 35.8% of the respondents are Satisfied with Fund transfer, 31.7% of the respondents are Dissatisfied with Bills payment and remaining 35.0% of the respondents are Highly Satisfied with Maximum RS 20000 Per Day. Majority 35.8% of the respondents are satisfied with Fund transfer.

Chi-Square Test

Null Hypothesis

H₀: There is no significance relationship between Age of the respondents and Purpose of using Paytm.

Alternative Hypothesis

H₁: There is a significance relationship between Age of the respondents and Purpose of using Paytm.

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Age * Purpose	120	100.0%	0	.0%	120	100.0%

Age * Purpose Crosstabulation

Count	Purpose				Total
	Money transfer	Recharge	Utility & Bill payment	All of these above	

Age	Below 18 years	17	0	0	0	17
	18-25 years	36	0	0	0	36
	26-40 years	8	32	8	0	48
	Above 40 years	0	0	15	4	19
Total		61	32	23	4	120

Chi-Square Tests

	Value	Df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1.609E2 ^a	9	.000
Likelihood Ratio	167.498	9	.000
Linear-by-Linear Association	81.767	1	.000
N of Valid Cases	120		

a. 7 cells (43.8%) have expected count less than 5. The minimum expected count is .57.

Symmetric Measures

	Value	Asymp. Std. Error ^a	Approx. T ^b	Approx. Sig.
Nominal by Phi	1.158			.000
Nominal Cramer's V	.669			.000
Contingency Coefficient	.757			.000
Ordinal by Ordinal Kendall's tau-b	.815	.026	20.144	.000
N of Valid Cases	120			

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

Result

The significant value (**0.57**) is > greater than the P value (**0.000**). Hence null hypothesis is

accepted so there is no significant relationship Age of the respondents and Purpose of using Paytm.

ANOVA

Null hypothesis H_0 :

There is no significant relationship between Occupation and Usage frequency.

Alternative hypothesis H_1 :

There is a significant relationship between Occupation and Usage frequency.

Descriptive

Occupation	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
Daily	54	1.37	.487	.066	1.24	1.50	1	2	1.345
Weekly	19	2.21	.419	.096	2.01	2.41	2	3	
Weekly twice	35	3.20	.406	.069	3.06	3.34	3	4	
Monthly	12	4.00	.000	.000	4.00	4.00	4	4	
Total	120	2.30	1.050	.096	2.11	2.49	1	4	
Mode Fixed			.429	.039	2.22	2.38			
l Effects									
Random Effects				.660	.20	4.40			

Test of Homogeneity of Variances

Occupation

Levene Statistic	df1	df2	Sig.
22.039	3	116	.000

ANOVA

Occupation	Sum of Squares	df	Mean Square	F	Sig.
Between (Combined)	109.850	3	36.617	198.942	.000

Groups	Linear	Unweighted	78.994	1	78.994	429.183	.000
	Term	Weighted	109.701	1	109.701	596.023	.000
		Deviation	.148	2	.074	.402	.670
Within Groups			21.350	116	.184		
Total			131.200	119			

Robust Tests of Equality of Means^b

Occupation	Statistic ^a	df1	df2	Sig.
Welch
Brown-Forsythe

a. Asymptotically F distributed.

b. Robust tests of equality of means cannot be performed for Occupation because at least one group has 0 variance.

Post Hoc

Multiple Comparisons

Dependent Variable: Occupation

(I) Usage frequency (J) Usage frequency			Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Tukey HSD	Daily	Weekly	-.840 [*]	.114	.000	-1.14	-.54
		Weekly twice	-1.830 [*]	.093	.000	-2.07	-1.59
		Monthly	-2.630 [*]	.137	.000	-2.99	-2.27
	Weekly	Daily	.840 [*]	.114	.000	.54	1.14
		Weekly twice	-.989 [*]	.122	.000	-1.31	-.67
		Monthly	-1.789 [*]	.158	.000	-2.20	-1.38
	Weekly twice	Daily	1.830 [*]	.093	.000	1.59	2.07
		Weekly	.989 [*]	.122	.000	.67	1.31

	Monthly		-.800 [*]	.144	.000	-1.17	-.43
	Monthly	Daily	2.630 [*]	.137	.000	2.27	2.99
		Weekly	1.789 [*]	.158	.000	1.38	2.20
		Weekly twice	.800 [*]	.144	.000	.43	1.17
LSD	Daily	Weekly	-.840 [*]	.114	.000	-1.07	-.61
		Weekly twice	-1.830 [*]	.093	.000	-2.01	-1.65
		Monthly	-2.630 [*]	.137	.000	-2.90	-2.36
	Weekly	Daily	.840 [*]	.114	.000	.61	1.07
		Weekly twice	-.989 [*]	.122	.000	-1.23	-.75
		Monthly	-1.789 [*]	.158	.000	-2.10	-1.48
	Weekly twice	Daily	1.830 [*]	.093	.000	1.65	2.01
		Weekly	.989 [*]	.122	.000	.75	1.23
		Monthly	-.800 [*]	.144	.000	-1.08	-.52
	Monthly	Daily	2.630 [*]	.137	.000	2.36	2.90
		Weekly	1.789 [*]	.158	.000	1.48	2.10
		Weekly twice	.800 [*]	.144	.000	.52	1.08
Tamhane	Daily	Weekly	-.840 [*]	.117	.000	-1.16	-.52
		Weekly twice	-1.830 [*]	.095	.000	-2.09	-1.57
		Monthly	-2.630 [*]	.066	.000	-2.81	-2.45
	Weekly	Daily	.840 [*]	.117	.000	.52	1.16
		Weekly twice	-.989 [*]	.118	.000	-1.32	-.66
		Monthly	-1.789 [*]	.096	.000	-2.07	-1.51
	Weekly	Daily	1.830 [*]	.095	.000	1.57	2.09

Dunnett T3	twice	Weekly	.989 [*]	.118	.000	.66	1.32
		Monthly	-.800 [*]	.069	.000	-.99	-.61
	Monthly	Daily	2.630 [*]	.066	.000	2.45	2.81
		Weekly	1.789 [*]	.096	.000	1.51	2.07
		Weekly twice	.800 [*]	.069	.000	.61	.99
	Daily	Weekly	-.840 [*]	.117	.000	-1.16	-.52
		Weekly twice	-1.830 [*]	.095	.000	-2.09	-1.57
		Monthly	-2.630 [*]	.066	.000	-2.81	-2.45
	Weekly	Daily	.840 [*]	.117	.000	.52	1.16
		Weekly twice	-.989 [*]	.118	.000	-1.32	-.66
		Monthly	-1.789 [*]	.096	.000	-2.07	-1.51
	Weekly twice	Daily	1.830 [*]	.095	.000	1.57	2.09
		Weekly	.989 [*]	.118	.000	.66	1.32
		Monthly	-.800 [*]	.069	.000	-.99	-.61
	Monthly	Daily	2.630 [*]	.066	.000	2.45	2.81
		Weekly	1.789 [*]	.096	.000	1.51	2.07
		Weekly twice	.800 [*]	.069	.000	.61	.99

*. The mean difference is significant at the 0.05 level.

HOMOGENEOUS

Occupation

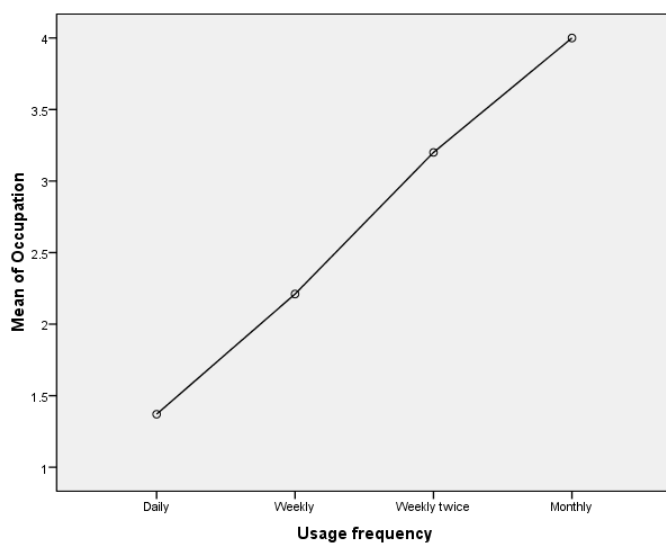
	Usage frequency	N	Subset for alpha = 0.05			
			1	2	3	4
Student-Newman- Keuls ^a	Daily	54	1.37			
	Weekly	19		2.21		

	Weekly twice	35			3.20	
	Monthly	12				4.00
	Sig.		1.000	1.000	1.000	1.000
	Tukey HSD ^a					
	Daily	54	1.37			
	Weekly	19		2.21		
	Weekly twice	35			3.20	
	Monthly	12				4.00
	Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 21.851

Means



Result

From the above analysis, we find that calculated value of the F-value is a positive **429.183** value, so H_1 accept. There is a significant relationship between Occupation and Usage frequency.

Conclusion

The majority of the payment systems discussed above provide a secure method for transferring credit/debit card information for settlement in today's financial systems. Low-value transactions are not profitable in this situation due to transaction processing costs. Well-known institutions with a large installed base of clients may aid in EPS (electronic payment system) adoption. Furthermore, according to the findings of this study, these organisations play additional important roles in the adoption of online payment systems. Because of its significant role, Electronic Paytm wallet System stands to benefit from a marketing boom and affiliation with well-known brands. These increase the system's legitimacy and visibility. After that, users evaluate the system based on shared characteristics such as ease of use, security, and consumer benefits.

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