Apps: How to realize their full value

Finance, Indonesia



Background & Methodology







Objectives

Understand how apps can help improve business brand, growth, and revenue, particularly in light of changing behaviour as a result of COVID-19, by exploring the different and developing customer engagements on apps



Methodology

Part of a larger consumer research conducted among mobile App users covering Retail, Telco, and Finance verticals. n=2002 for Indonesia Quantitative with 2 playgroups (n=4, each) per vertical for Qualitative. Research covered 9 brands and their respective apps*.





(Quantitative)

(Qualitative)



Respondent Criteria

Quantitative

- Frequent internet user
- 18-64 years old smartphone user
- Interacts with vertical via app

Qualitative

- Mixture of male and female
- Light finance users: Use finance apps 1-3x a month & conducts 4 different app activities
- Heavy finance users: Use finance apps at least once a week & conducts 4 different app activities

Using screenout data, the incidence of finance app usage is approximately 83%.

Who are generally using finance apps?

Background and Methodology

Profiling

Gender	_		
44% Male	56% Female		
Age			
59% (18-34)	41% (35-64)		

99% Daily	nge	
77 /6 Dally		
Operating S	ystem	

Connected Devices

Income Less than Rp. 2,500,000 7% Rp. 2.500.001 - Rp. 4.000.000 14% Rp. 4.000.001 - Rp. 6.000.000 24% Rp. 6.000.001 or more 54%

Smartphone	100%
Tablet	37%
Laptop computer	85%
Desktop computer	44%
Smart speaker	18%
Region	
70% Metro	30% Non-Metro

Smartphone Storage			
Under 16 GB	3%		
16 GB	9%		
32 GB	26%		
64 GB	38%		
128 GB	21%		
Over 128 GB	3%		
Prepaid v/s Postpaid			

r ropaia vio r ootpaia	
Top up in advance online	76%
Top up in advance in-store	14%
Contract / fixed bills	9%

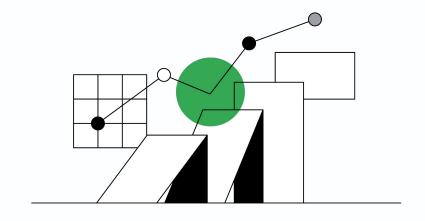
Think with Google

Background and Methodology

Consumers were asked about Finance & Banking in relation to the following brands and their respective apps

Brands	Apps	Brands	Apps
Bank Rakyat Indonesia	BRI Mobile	Gojek	Gojek
Bank Mandiri	mandiri online	Tokopedia	Tokopedia
Bank CIMB Niaga	OCTO Mobile	Jenius	Jenius
Bank Tabungan Negara	BTN Mobile	Dana	Dana
Bank Negara Indonesia	BNI Connect Mobile	Shopee	Shopee
Bank Central Asia	BCA Mobile	Ovo	Ovo
BTPN Sinaya	BTPN Sinaya Mobile	DBS Digibank	DBS Digibank
Panin Bank	MobilePanin	TMRW (UOB)	TMRW (UOB)
Bank OCBC NISP	OCBC NISP ONe Mobile	Bank Permata	Permata Mobile X
Bank Maybank Indonesia	Maybank2u ID		

Summary of findings





Summary of Findings

Introducing our 3 behavioral pillars that drive value for a brand in a consumer's app journey

App Discovery and Onboarding

Has the app been trialled following awareness and install?

Key for App Discovery and Onboarding

Consumers are beginning to form **affinity** with brands, which are aiming to create positive links to discovery metrics before engagement deepens.

App Engagement

How frequently is the app used?

Key for App Engagement

Consumers are using the app more frequently. Regular app usage links to increased **loyalty** and brand **satisfaction**.

App Satisfaction

How satisfied is the app user with the app?

Key for App Satisfaction

When consumers are highly satisfied with the app they will begin to recommend both the app and brand - which will help bring in more consumers to start their own discovery journey.

Think with Google

Stages of App Discovery and Onboarding, App Engagement, App Satisfaction in detail

App Discovery and Onboarding **App Engagement App Satisfaction** Initial Awareness: shift between "Never Regular Usage: shift between "Tried Neutral: shift between "Dissatisfied (1-6)" heard of app" and "Heard a little" app, still installed" and "Use regularly" and "Neutral (7-8)" Deeper Awareness: shift between Most Frequent: shift between "Use Positive: shift between "Neutral (7-8)" and "Heard a little" and "Heard a lot" regularly" and "Use app most often" "Satisfied (9-10)" Installation: shift between "Heard a lot" and "Installed but not used" Onboarding: shift between "Installed, not used" and "Tried app, still installed"

App Discovery and Onboarding: Key insights and recommendations

Insights



Recommendations to improve brand metrics



- 80-100% of finance brand's customers are aware of finance apps in Indonesia - with full awareness for major players
- On average 25% of recent brand customers (past 3 months) are not app users of the same brand brands used more often are performing better with app usage
- App discovery is a starting link to <u>building brand affinity</u>
 - 55% of successful onboarders have strong affinity
- 40% of app users have <u>installed at least one finance app</u> but never used

Focus less on awareness of the app

App awareness is high so time is better spent on promoting install or trial

- Encourage installation through regularly used and influential touchpoints such as online reviews
 Online and offline word of mouth is crucial
- Focus more on improving trial

<u>Key reasons</u> why app users do not try apps after install are: **in-person sign up** needed (33%), they perceive the app to be **complex** (27%), sign up process are **complicated** (27%).

Digital banking is here to stay and brands need to be ahead of the curve - brands need to promote the convenience and safety of digital in a time when consumers are wanting to change their habits

App Engagement:

Key insights and recommendations

Insights



Recommendations to improve brand metrics



- App engagement has a strong positive correlation with brand satisfaction and customer retention
 - o 70% 'most frequent' users are satisfied with the brand
 - 98% 'most frequent' users are "quite or very likely" to stay with the brand
- 76% of app users prefer to engage with brands via apps and many have multiple apps installed.
- Over 90% of app users prefer to use an app for critical finance <u>activities</u> such as checking accounts, paying bills, retail payments and person to person transfer
- App users are encouraged to <u>continue usage</u> when apps are secure (65%), use up little memory (46%) and are updated regularly (33%)

- Upkeep <u>core features</u> that bring app users back
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 - money between accounts (78%), person to person transfers (72%) paying bills (62%), payments (55%)
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App Satisfaction:

Key insights and recommendations

Insights



Recommendations to improve brand metrics



- App satisfaction is strongly correlated with brand recommendation - 84% who positively rate an app regard themselves as brand promoters
- 83% of app users would **prefer a multi-functional singular** app compared to multiple single purpose apps.
- As well as providing a channel that is safe during Covid apps can meet <u>changing consumer needs</u> regarding convenience and safety - 57% strongly agree they can use them from anywhere and 51% strongly agree apps keep them safe during Covid

• Get the basics right, consistently

Ensure <u>critical tasks</u> (e.g. balances, transfers) are reliable, seamless & elicit high satisfaction. <u>Bugs</u>, security concerns and excessive ads quickly put users off. Ensure all functionality is available in one app

• Understand changing consumer <u>needs</u>

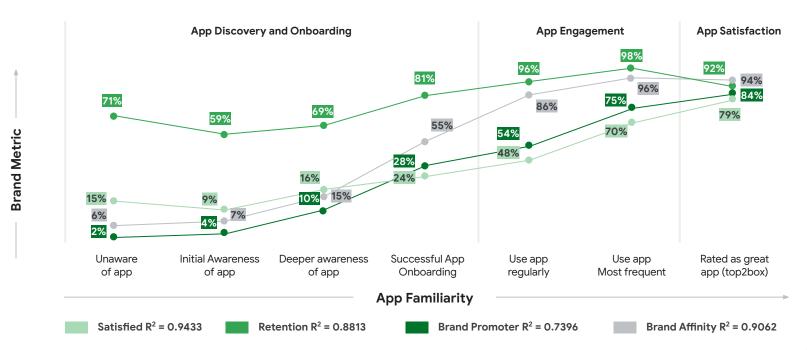
Key reasons for using Finance apps include staying safe at home during Covid (51%) & being able to complete tasks in a few seconds (51%)

Innovate to meet consumer needs

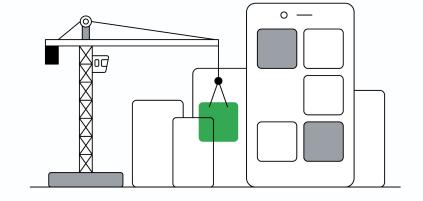
The shift to digital has begun and brands need to keep up with needs by providing increased virtual access, trust in data security and relevant functions that go beyond the current critical tasks



There is a strong relationship between brands metrics and app usage. Increase in brand metrics are evident as a user engages more with the app

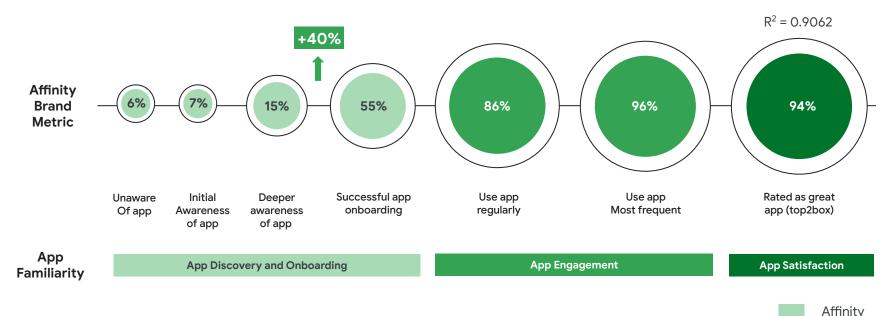


How does onboarding of an app impact brand metrics?

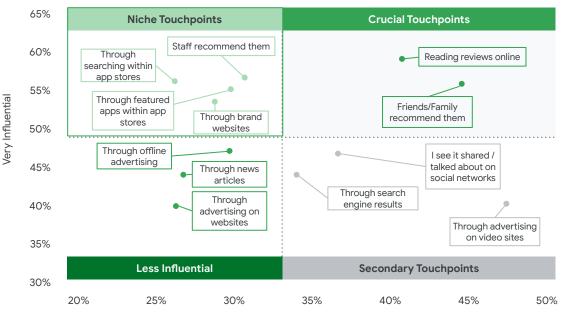




When users shift from being aware to actually trying an app, there is a significant impact on brand affinity



Sharing of experiences, either through online reviews or word of mouth, are the most effective way to discover new apps



Crucial Discovery Touchpoints

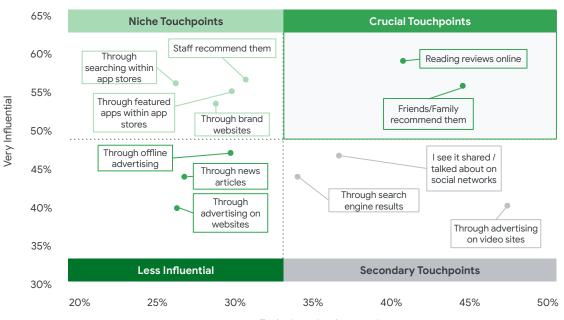
Touchpoints that are frequently used and influential in installation decision making

Online	Offline
Reading reviews	Family / friends
online	recommend them

Typical touchpoints used



Staff recommendations, brand websites and the app store are highly influential in decision making, but under-utilised



Opportunity / Invest Touchpoints

Touchpoints that not frequently used yet are influential in installation decision making

Online	Offline
Through searching within app stores	Staff recommend them
Through featured apps within app stores	
Brand websites	

Typical touchpoints used



Four in ten app users have unused finance apps installed due to perceived complexities or in-person sign up

Reasons To Install But Not Use

I need to go in branch to complete sign up processes	33%
I use a different app instead	27%
The sign up process looks complex	27%
The app design or user experience is complicated	27%
I haven't had the time	21%
I need someone to help me / teach me more	18%
It is too risky to sign up to new products during Covid-19	16%
I don't understand what the app provides me	16%



have installed at least one finance app but never used

Poor user experience is the top 3 barriers to usage. Invest in a seamless end-to-end banking process for users to drive engagement.

There is a desire to change banking habits - accelerated by the pandemic

Installation Triggers (top 10)

It had features that looked useful	
I wanted to be able to deal with all my finances in one place	
It is a safer option during Covid-19	
They are from my current financial provider	45%
I wanted to change payments due to Covid-19	
I wanted to change the way I do my banking	
Everyone uses this app / I was recommended to use it	28%
I needed help with saving money / budgeting	23%
They offer personalised offers and incentives	22%
I need financial help during Covid-19	

There is evidence of a switch to digital when it comes to finance, which was accelerated (perhaps forced) due to the pandemic.

Many appear to have changed the way they bank and have signed up to new products recently.

Apps need to provide support to new users whilst keeping current users happy with high performing features that provide relevance and safety during the pandemic.

Successful app discovery and first-use often depends on existing relationships and effortless onboarding

Builds on existing trust associations

Apps of banks which they have a prior relationship with are downloaded with little hesitancy, and is seen as a convenient extension of their usual banking behaviour

I don't look for reviews for bank app. I trust the app, because the bank itself, it's clear what it is, it's a big institution, established for a long time. There's a lot of users, everyone is fine.

- Heavy app user

Human factor is the most persuasive

Most are pushed to download an app by <u>bank</u> <u>personnel</u>, at <u>roadshows</u>, or <u>via friend referrals</u>.

Consumers are also trend followers, keen to trial apps they see lots of people using

I just wanted to help out the person selling it. It was the same with [App A], it was in a mall. And a lot of my friends use it, I wanted to follow them.

- Light app user

Successful app discovery and first-use often depends on existing relationships and effortless onboarding

Ease of onboarding is critical

Consumers appreciate having someone else do the work of setting up the app for their usage (i.e. at banks and roadshows), or else they have a high chance of getting frustrated and guitting

I deleted [App A] because I could not authenticate using the email. And the app didn't let me use a different email. So I gave up, it was too much of a pain.

- Heavy app user

Guidance to get them started

Some handholding is required to get consumers familiar with the process of using the app and carrying out basic essential functions (check balance, funds transfer, etc)

First time I knew was when I deposited cash, and the teller told me there's this app, but at the beginning I didn't understand how to use it. But once I understood, I found it very easy, and I don't have to go to the atm anymore.

- Heavy app user

App Discovery and Onboarding: Key insights and recommendations

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App Engagement

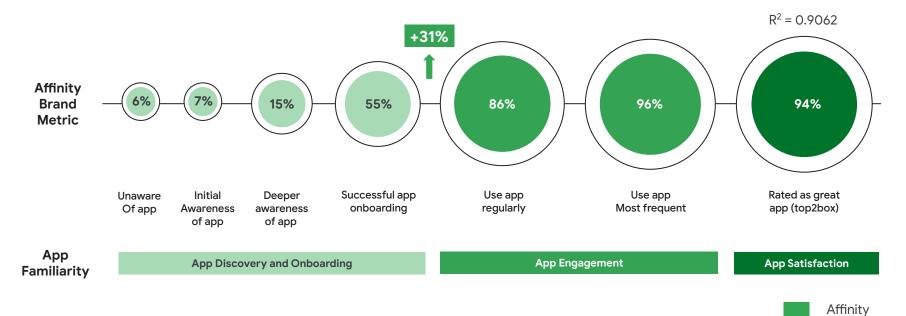
How frequently is the app used?







Regular usage is key as we see the highest increase in brand affinity occuring when a user transitions to using an app regularly





Increasing the frequency of app login positively links to strong brand love, loyalty and recommendation ...

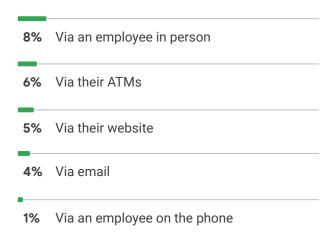
After increased usage where an app become the favoured app ("most frequent" used)			
Affinity (among brand users)	Satisfaction (among brand users)	Retention (among brand users)	NPS (among brand users)
9.5 in 10 like/love the brand (top2box)	7 in 10 are satisfied with the brand (top2box)	10 in 10 are likely to stay with the brand (top2box)	8 in 10 are likely to recommend the brand (top2box)
	Key for App Engagement		
Brand affinity is strongly linked to levels of app engagement	Correlation with brand satisfaction has risen dramatically as engagement deepens.	Nearly all consumers are likely to stay with the brand. Very strong correlation.	Correlation with recommendations has risen as engagement deepens - links to the stronger brand affinity

Three in four app users prefer to engage with branded through apps





prefer to engage with brands through their app





App Engagemen

Apps are a preferred channel as they are accessible, easy and safe

Reasons for engaging with brands through an app





Users have several finance apps with varied usage

7

financial apps installed on average 5

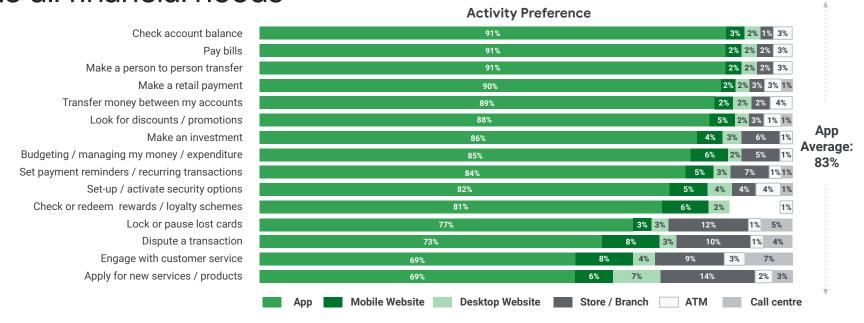
activities are regularly performed in finance apps, on average 3

activities are performed weekly, on average



App Engagement

Apps are the preferred method for all financial activities. Brands should ensure the app can cater to all financial needs





App users continue to use apps that are proven to be safe and secure as well as constantly evolving



Continued Usage (Top 10)

If it proved it was secure and safe	65%
If the app was updated regularly with new, useful features	46%
If the app was updated regularly to fix bugs	40%
I have to use the app as it is with my provider	38%
It it takes up less memory on my smartphone	36%
If it shows its relevance during COVID-19	33%
If it uses less mobile data	27%
If my friends or family are using / talking about it more	27%
If it sends useful notifications	26%
When the app notifies me of any changes	25%

Data security is a topic at the forefront of app users' minds even if current levels of trust appear solid - things can easily change and apps need to ensure security is always a top priority. There are potentially many new digital users who are sceptical and need reassurance over security.

Regular updates are crucial to continued app usage whether it is new features, or fixing issues. App developers and finance brands can not stand still, particularly in a time many are keen to switch digital banking

App users have some concerns over the size of apps as 4 in 10 Indonesians have phones with storage 32GB or under. App data usage is also a factor as 9 in 10 use prepaid mobile services and data usage allowance is limited

1 in 3 continue to use finance apps due to its relevance during Covid, particularly as the country has been hit hard recently as cases continue to grow



App Engagement

The App Engagement: Continued and regular usage depends on user experience, ubiquity of acceptance, and rewards

Convenience at their fingertips

Carry out their regular transactions in a convenient and easy way, from any location, at any time that they desire

You can receive and spend money while lying down. Everything is closer, all this time you had to go to the bank, meet the people there. here, you just open a handphone, everything you need is in one spot.

- Heavy app user

Simple interface, fewer steps

Consumers seek an interface that requires minimal time, effort and thought to navigate, without the need of anything but their phone

(46 [App A] has so many things, but it's not well organised, but I don't know where to find things like investment, check balance. [App B] categorisation is quite simple, and a token is not required.

- Heavy app user

App Engagement

Continued and regular usage depends on user experience, ubiquity of acceptance, and rewards

Widespread compatibility

Being able to use the app in a wide range of scenarios and with a variety of relevant partners help keep it top of mind for regular and frequent usage

I love [App A] because I like paying cashless, don't need to go to the atm. [App A] is very helpful, it's everywhere, even at the warung kopi. I can use it at the one near my office. Even the small coffee shop that sells toast, they accept [App A].

- Light app user

Rewards expected for transactions

Cashbacks & discounts are preferred the most, followed by merchant/ partner deals, gifts, bundles and raffles as a push for transactions and app-choice

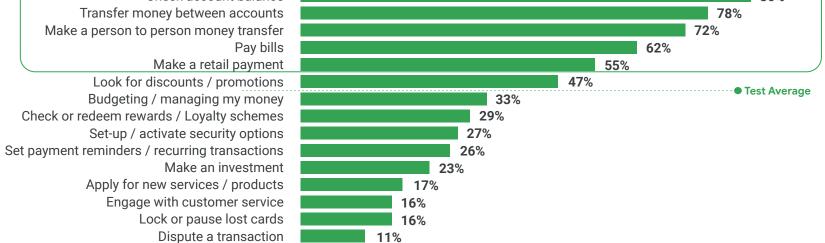
I like e-wallet, I top it up once a month, usually there is more promos, discounts and cash back. Mobile banking has hardly any promos.

- Light app user

Checking account balances, money transfer and payments are the most common and critical tasks



Check account balance 86% 78% 72% Pay bills 62% Make a retail payment 55% 47% Test Average 33% 29%

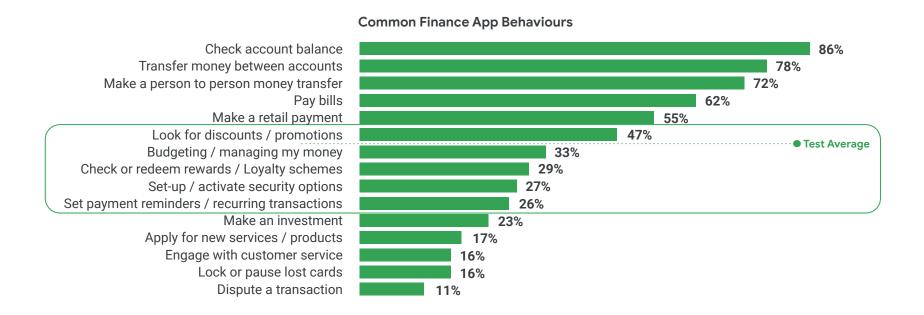


Common Finance App Behaviours



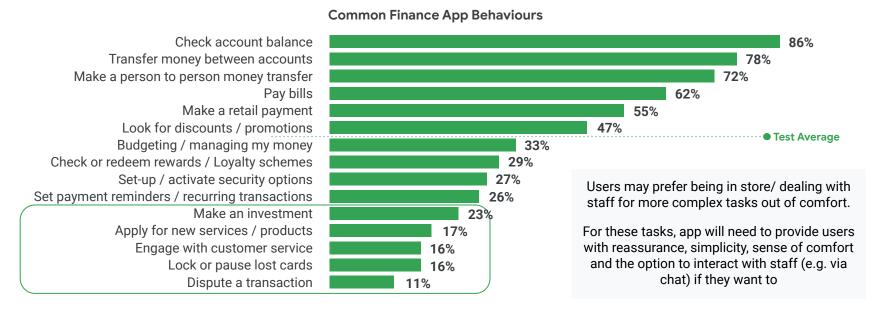
Apps are occasionally used for promotions, budgeting, rewards, or payment reminders





App Engagement

Stressful tasks and tasks requiring deeper knowledge / guidance are less common behaviours in finance apps





App Engagement

A super-app that can help them simplify their choices while helping them achieve broader financial goals

Guidance in financial journey

The pandemic increased awareness about the importance of planning for the future and diversifying one's income streams, but the learning curve is intimidating for consumers

For instance, you can have an USD account, gold account... within the app.... Actually I just wish that banking apps will make it easier for me to invest. I want a process that is uncomplicated to buy bonds

- Light app user

Innovate and educate

While innovation can create buzz and interest in an app, it's impact is short-lived unless consumers learn about how these functions are relevant and useful, and are incentivized to adopt

[App A] is for checking balance, making transactions. I've not really looked at the other features

- Heavy app user

App Engagement:

App Engagement

Key insights and recommendations

Insights



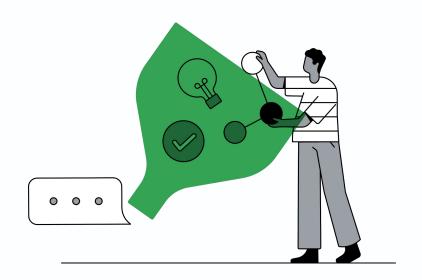
Recommendations to improve brand metrics



- App engagement has a strong positive correlation with brand satisfaction and customer retention
 - o 70% 'most frequent' users are satisfied with the brand
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- **76**% of app users prefer to <u>engage</u> with brands via apps and many have <u>multiple apps</u> installed.
- Over 90% of app users prefer to use an app for critical finance <u>activities</u> such as checking accounts, paying bills, retail payments and person to person transfer
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 E.g. checking balances (86% perform regularly), transferring money between accounts (78%), person to person transfers (72%) paying bills (62%), payments (55%)
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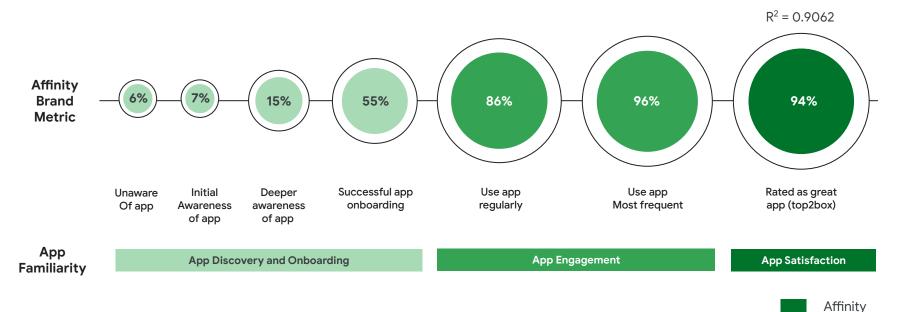
How satisfied is the user with the app?







When a user uses an app very frequently and is satisfied by it, we see very strong links to brand affinity





Increasing app satisfaction links to strong brand affinity, loyalty, and recommendation

Affinity (among brand users)	Satisfaction (among brand users)	Retention (among brand users)	NPS (among brand users)
9 in 10 like / love the brand (top2box)	8 in 10 are satisfied with the Brand (top2box)	10 in 10 are likely to stay with the brand (top2box)	8 in 10 are likely to recomment the brand (top2box)
M/han agraymagu aga agti	sfied with their app there are strong po	ocitiva linka with all matrice	If recommendation is hig

There is a strong preference for singular purpose finance apps where all details can be kept

App Preference



of app users prefer a **single** finance app covering multiple functions



of app users prefer multiple apps that cover specific functionality

Innovate and educate

"I like having all my financial details in one place" 41% strongly agree; 88% top2box

There is a strong preference for singular purpose finance apps where all details can be kept. This underlines the strong trust in financial apps and providers.



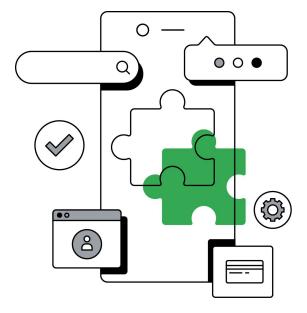
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Comprehensive all-in-one solution

Consumers seek to **streamline their app usage and the need to transfer funds between apps**, and desire an app that can do it all including saving, spending, and investment

I want this app to be used for everything, and can access any investment. I want to buy gold using the app, without having to sign up for other account and transfer money around

- Light app user





Multi-functionality drives convenience; Covid has provided a need to move to digital which is boosted by levels of trust

Primary motivations to app usage				
Convenience (% strongly agree)				
I can use them from anywhere and at anytime	57%			
I like being able to transfer money or check my balance within a few seconds	51%			
They are the easiest way to keep track of my finances	46%			
They are more convenient than going in-store / in-branch	42%			

Secondary motivations to app usage						
Covid Safety (% strongly agree)		Data Security (% strongly agree)				
They keep me safe during the Covid pandemic as I do not have to go outside	51%	I trust them to keep my details safe	35%			
I prefer to use digital payments over cash	41%					
Apps are safer than using cash	40%					



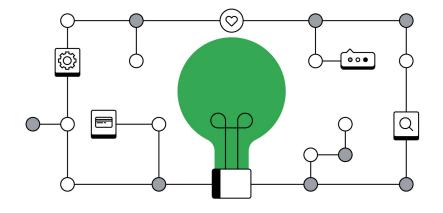
Multi-functionality drives convenience; Covid has provided a need to move to digital which is boosted by levels of trust

Seamlessness creates loyalty by default

Bearing in mind the **overarching consumer desire to simplify**, seamless linkage with other services can encourage them to set the app as a default option where possible

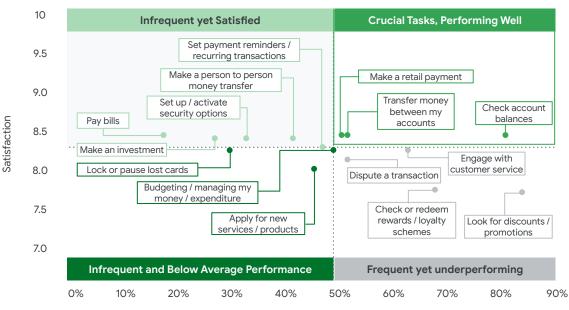
66 Maybe you can have a feature that connects you to all your favourite online shops. Or another feature that links to all the investment apps you use. And then do the payment through this app, just insert your virtual account.

- Heavy app user





Users are highly satisfied with the basic but important tasks e.g. transfers, payment and checking account balances



Frequent Activities x Satisfaction

Apps need to continue to deliver to these critical activities

Reminder: Apps are generally used for staple tasks such as checking accounts, money transfers, retail payments and bill paying





Poor CX will lead to deletion - alongside security concerns or too many distractions (notifications, ads)

Deletion Top 10

It has bugs / keeps crashing	46%
I don't use it enough	35%
I had security and/or privacy concerns	33%
There were too many ads	32%
It's too difficult to use	31%
It takes up too much memory on my smartphone	27%
I changed financial provider	26%
Poor interface	23%
I delete apps and reinstall them when I need them again	21%
It gives too many push notifications	21%

Unsurprisingly, app users will lose patience with apps that deliver a poor and frustrating performance. Updates need to be regular to fix bugs and improve features to keep app users happy and frequently using apps

This could be due to poor interface, lack of relevance or features etc. Unlocking this can bring in opportunities for more app usage and brand engagement

We have seen that security is at the forefront of app users minds and trust levels are currently high - but concerns will lead to deletion

App users will get frustrated by regular interruptions such as notifications and advertising (both need to be hyper relevant and as infrequent as possible)

Half of app users do delete apps at some point which ties in with deletion when they are not used

46% do not delete finance apps

37% delete finance apps less often than every few months



Finance providers need to be continually innovating whether through digital sign-ups, trusted security or additional features





Virtual access

This year has shown how important digital communication is, including in the finance world. Banks need to shift their services to digital as this is the first point of contact for customers. Priority is online sign ups for new products

- "I can make a new bank account online"
- "I hope it provides a feature for make a video call with customer service"
- "The register system to become a member does not need to come to the branch office"
- "The transaction history storage space is even longer, for example 6 months backward transactions"



Finance providers need to be continually innovating whether through digital sign-ups, trusted security or additional features



Digital safety

Serving customers online means protecting details and finances from any possible threat. As more users come online, people are expecting better security procedures in place moving forwards

- "The fingerprint security features"
- "This app keeps the customers data secure"
- "Double security"
- "It provides face recognition system so that other people can't use it"
- "The retina scanner feature"



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Features

The finance industry will continue to be disrupted as new technology emerges and consumer needs will continue to evolve. Financial providers need to stay ahead by constantly innovating and offering new features or products to meet the changing demands

- "Top up digital wallets directly through the mobile bank app."
- "Yes, why is [App A] not connected with PayPal, Payeer or Skrill, I really look forward to that innovation"
- "The promos and cashback"
- "Paylater Card"
- "The cash withdrawal via cardless app"
- "The finance planner"
- "The QR scan feature for payments"



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- App satisfaction is strongly correlated with brand recommendation - 84% who positively rate an app regard themselves as brand promoters
- 83% of app users would **prefer a multi-functional singular** app compared to multiple single purpose apps.
- As well as providing a channel that is safe during Covid apps can meet <u>changing consumer needs</u> regarding convenience and safety - 57% strongly agree they can use them from anywhere and 51% strongly agree apps keep them safe during Covid

• Get the basics right, consistently

Ensure <u>critical tasks</u> (e.g. balances, transfers) are reliable, seamless & elicit high satisfaction. <u>Bugs</u>, security concerns and excessive ads quickly put users off. Ensure all functionality is available in one app

• Understand changing consumer <u>needs</u>

Key reasons for using Finance apps include staying safe at home during Covid (51%) & being able to complete tasks in a few seconds (51%)

Innovate to meet consumer needs

The shift to digital has begun and brands need to keep up with needs by providing increased virtual access, trust in data security and relevant functions that go beyond the current critical tasks

Thank you

