Digital Payments

STEP BY STEP INSTRUCTIONS FOR VARIOUS MODES OF PAYMENT:

Cards, USSD, AEPS, UPI, Wallets

Bank Cards

Getting a Bank Card

1 HOW TO ISSUE A CARD FROM YOUR ACCOUNT

– Approach nearest bank branch

– Multiple cards from one account

– PIN issued by bank separately

2 ACTIVATE YOUR CARD

– At your Bank's ATM by even balance checking

– At your bank branch by any transaction

Point of Sale (PoS) & Card steps

BANKS ISSUE VARIOUS CARDS FOR THEIR ACCOUNT HOLDERS	USE YOUR CARD TO SHOP ANYWHERE	PREPAID CARD CAN BE ISSUED BY ANY BANK FROM ACCOUNT OR CASH (FOLLOWING BENEFITS)
Prepaid Cards	At any PoS	Pre-loaded card
Debit cards	At ATM	Equivalent to cash
Credit Cards	Online shopping	Can be recharged several times
		Can be used at any PoS, ATM

Unstructured Supplementary Service Data (USSD) based Mobile Banking

*99# - National Unified USSD Platform (NUUP)

Required for Activation

1 ACCOUNT IN A BANK

2 ANY MOBILE PHONE ON GSM NETWORK; NO INTERNET NEEDED

Can be used for payments upto Rs 5000 per day per customer

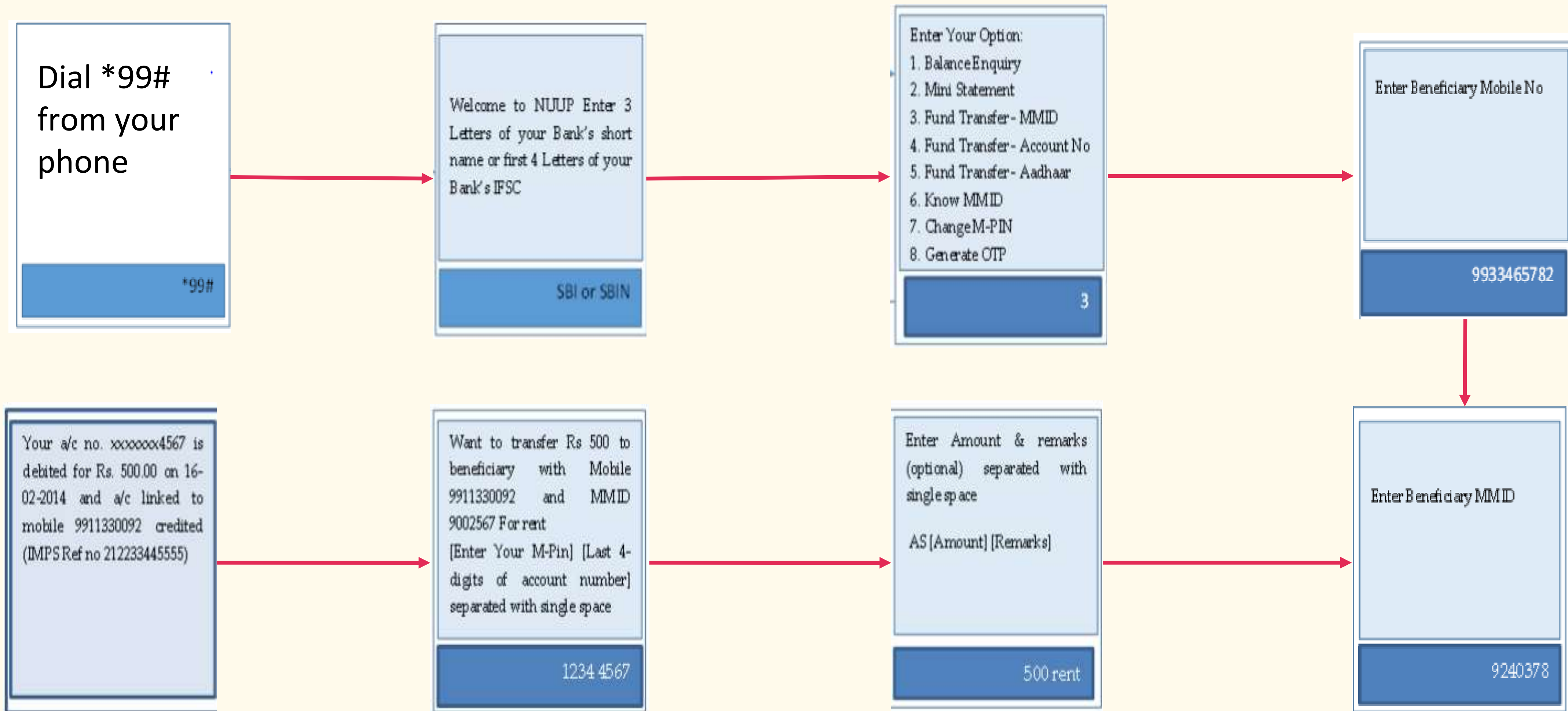# Registration

1 Visit your branch to link mobile number and bank account
Can be done at ATM or online also

2 You will get your Mobile Money Identifier (MMID) and Mobile PIN (MPIN) upon registration

3 Remember your MMID and MPIN

New changes being brought to simplify user experience; no need for separate MMID

Transfer Funds to another Bank Account

Dial *99# from your phone

*99#

Welcome to NUUP Enter 3 Letters of your Bank's short name or first 4 Letters of your Bank's IFSC

SBI or SBIN

Enter Your Option:
1. Balance Enquiry
2. Mini Statement
3. Fund Transfer - MMID
4. Fund Transfer - Account No
5. Fund Transfer - Aadhaar
6. Know MMID
7. Change M-PIN
8. Generate OTP

3

Enter Beneficiary Mobile No

9933465782

Your a/c no. xxxxxxx4567 is debited for Rs. 500.00 on 16-02-2014 and a/c linked to mobile 9911330092 credited (IMPS Ref no 212233445555)

Want to transfer Rs 500 to beneficiary with Mobile 9911330092 and MMID 9002567 For rent
[Enter Your M-Pin] [Last 4-digits of account number] separated with single space

1234 4567

Enter Amount & remarks (optional) separated with single space

AS [Amount] [Remarks]

500 rent

Enter Beneficiary MMID

9240378

Aadhar enabled payment system (AEPS)

Aadhaar Enabled Payment System (AEPS)

AEPS allows bank-to-bank transaction at PoS (MicroATM) with the help of Banking Correspondent
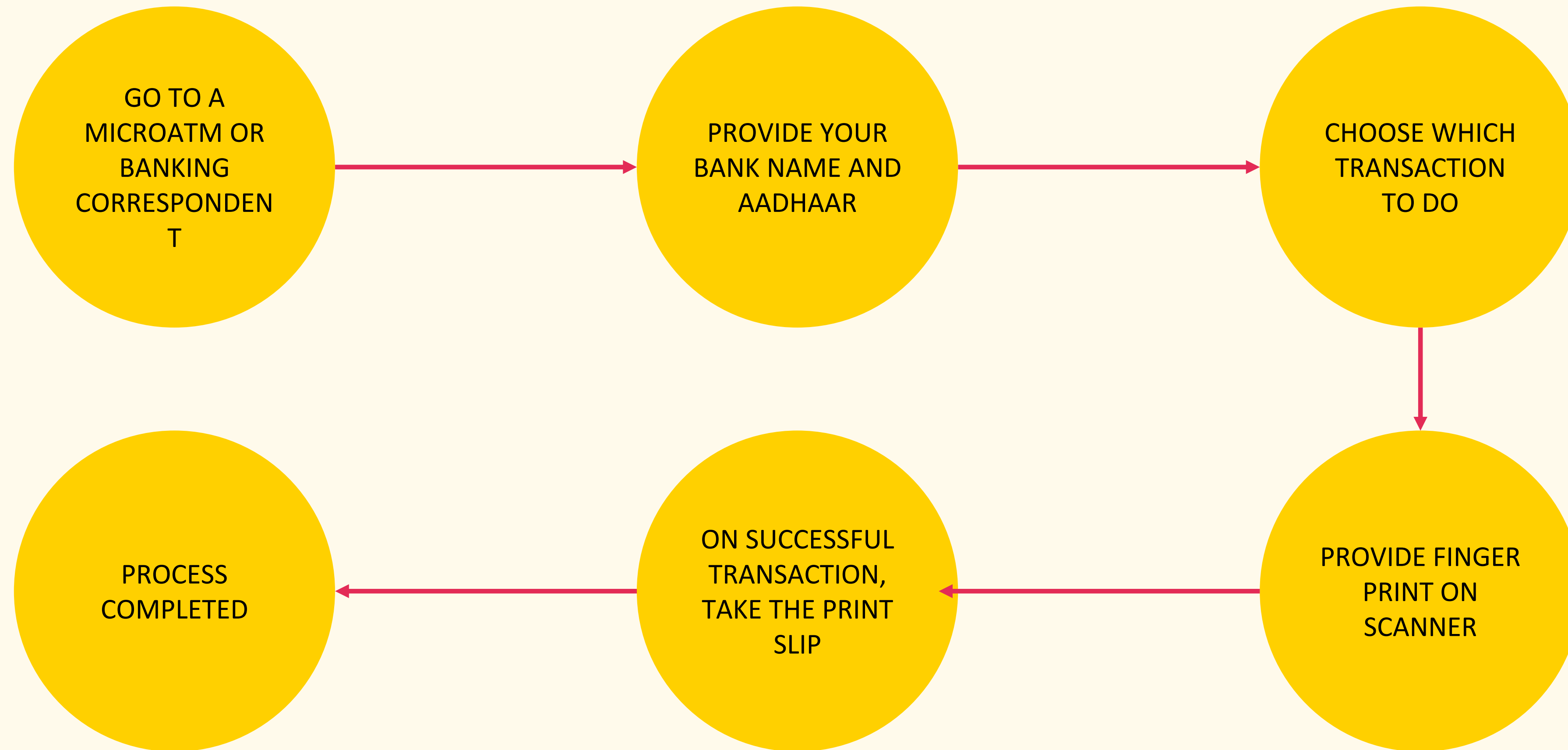
Seed your account with your Aadhaar number

Now do transactions without remembering any PIN

Aadhar enabled Services

- Balance Enquiry
- Cash Withdrawal
- Cash Deposit
- Aadhaar to Aadhaar Funds Transfer

Key Steps for AEPS Transaction

GO TO A MICROATM OR BANKING CORRESPONDENT → PROVIDE YOUR BANK NAME AND AADHAAR → CHOOSE WHICH TRANSACTION TO DO

PROCESS COMPLETED ← ON SUCCESSFUL TRANSACTION, TAKE THE PRINT SLIP ← PROVIDE FINGER PRINT ON SCANNER

MicroATM Transaction

UPI

Requirements for registration on UPI

REQUIREMENTS

Smartphone with internet facility

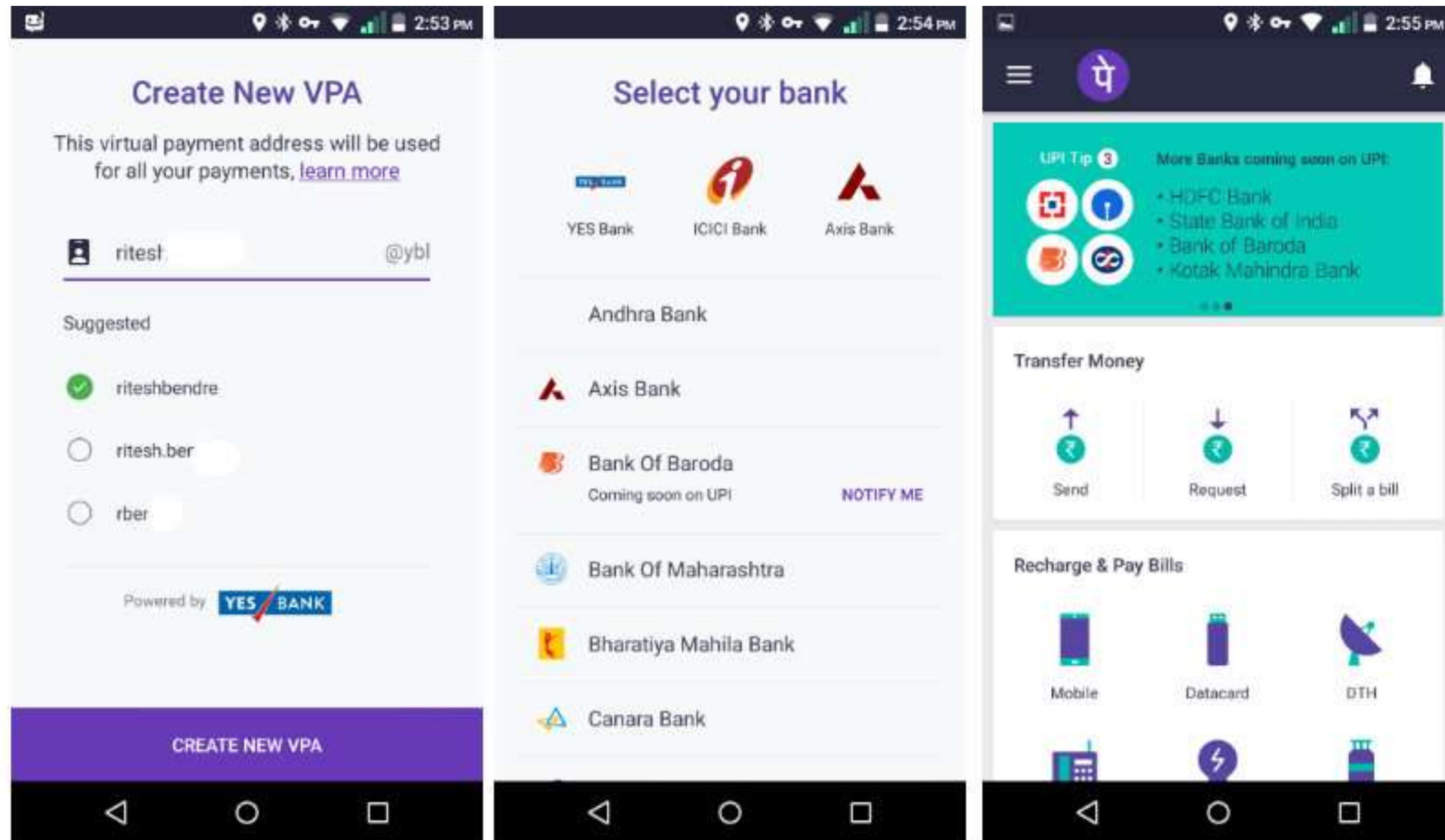Bank Account details (only for registration)

AVAILABLE APPS (28 BANK APPS)

SBI app, PNB UPI, UPI Collect (ICICI), Axis Pay, Canara Bank UPI, UCO UPI, Union Bank UPI, OBC UPI and 20 other banks
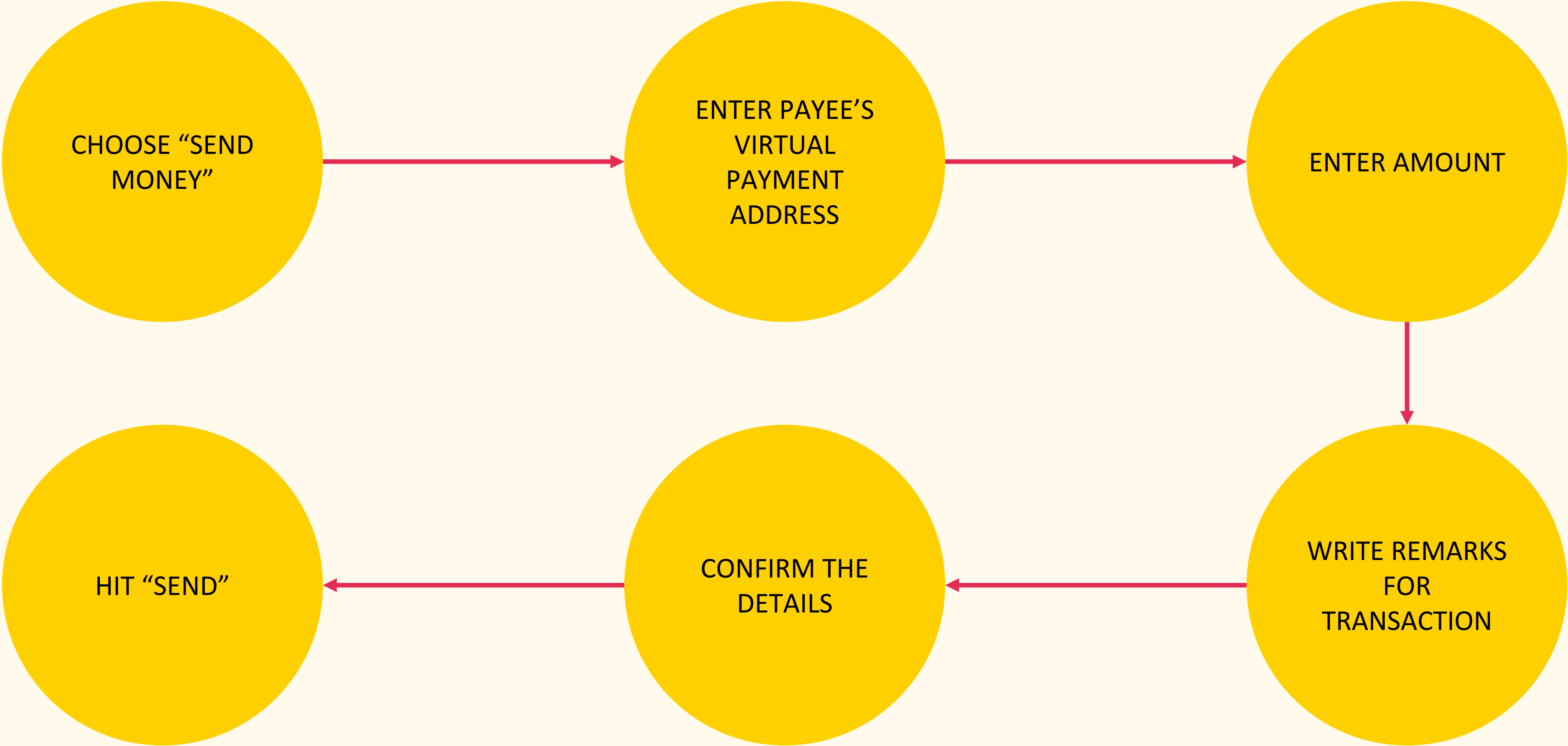
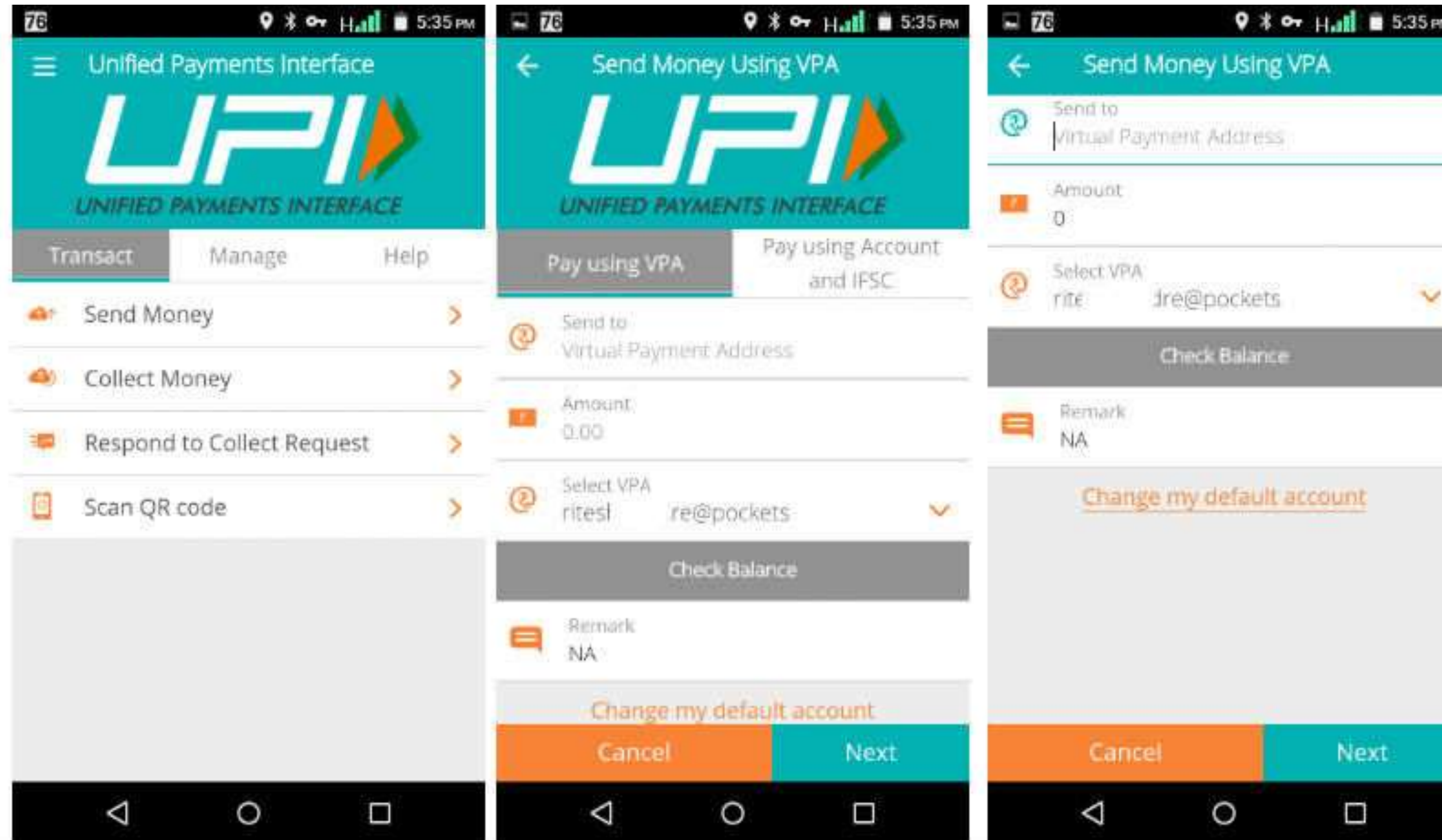# UPI Registration Process
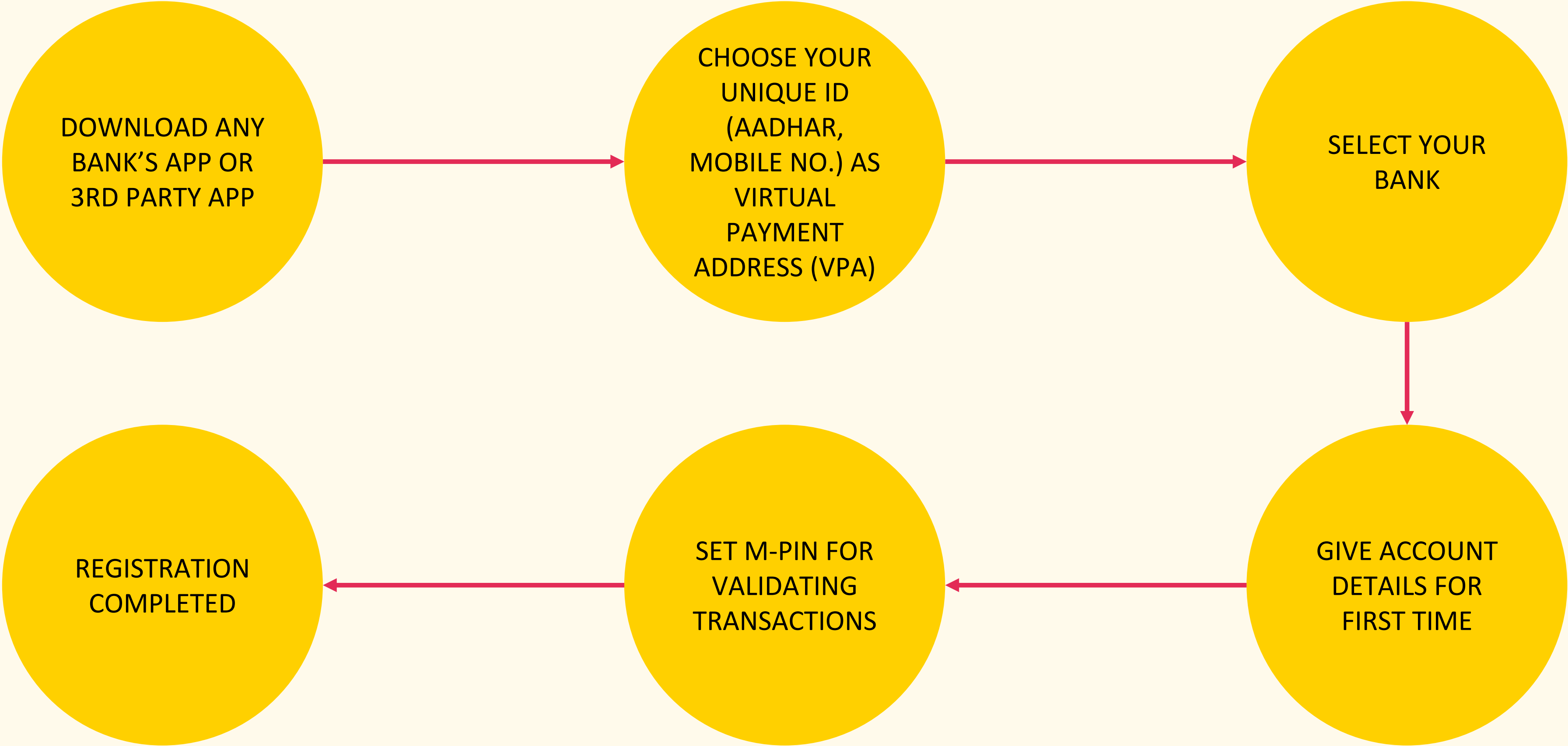
Registering on UPI

Sending Money on UPI

CHOOSE "SEND MONEY" → ENTER PAYEE'S VIRTUAL PAYMENT ADDRESS → ENTER AMOUNT → WRITE REMARKS FOR TRANSACTION → CONFIRM THE DETAILS → HIT "SEND"

Sending Money
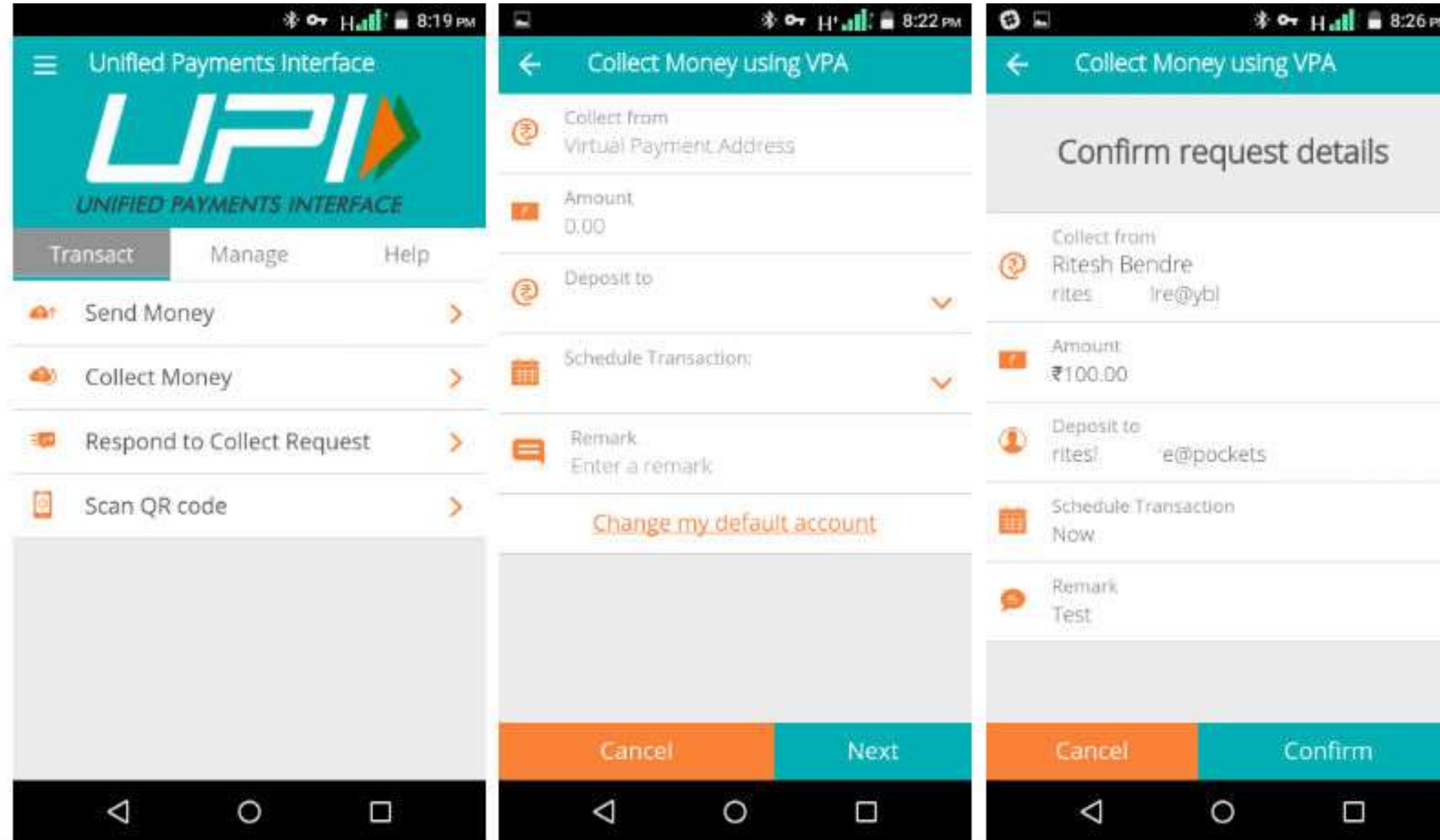
Collecting Money (raise a demand) on UPI

Collecting Money

Wallets

What are e-wallets?

Electronic pre-paid payment system, mobile-first

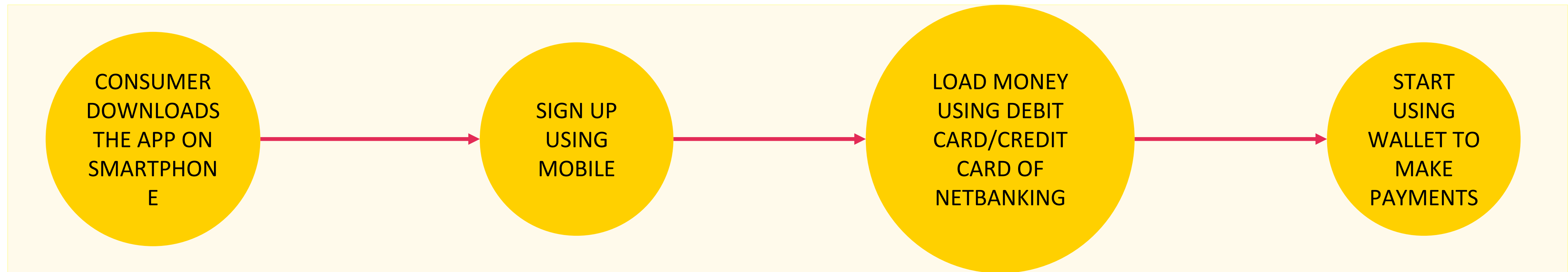Used in purchasing items on-line with a computer or a smartphone at a store.

An individual's account is required to be linked to the digital wallet to load money in it.

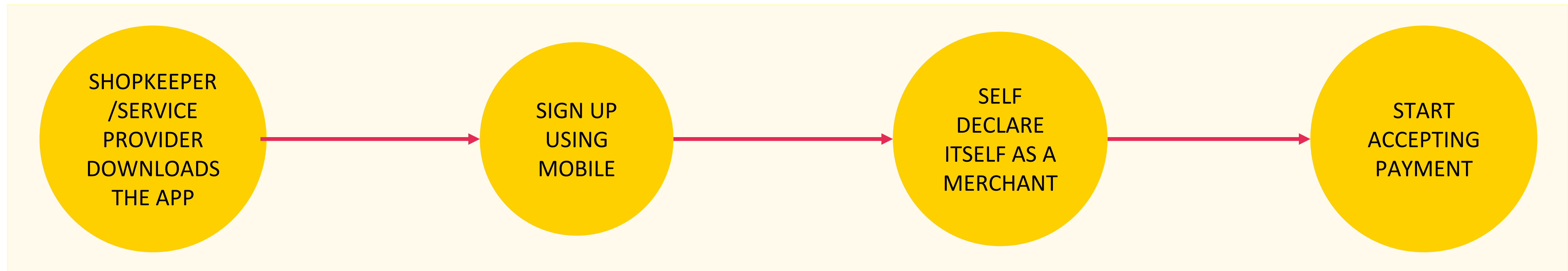Most banks have their e-wallets and some private companies

Using Wallets

Consumer Wallet Limits: Rs.20,000/month for all. Rs.1 lakh/month with KYC

CONSUMER DOWNLOADS THE APP ON SMARTPHONE → SIGN UP USING MOBILE → LOAD MONEY USING DEBIT CARD/CREDIT CARD OF NETBANKING → START USING WALLET TO MAKE PAYMENTS

Merchant Wallet Limits: Rs.50,000/month with Self Declaration. Rs.1 lakh/month with KYC

SHOPKEEPER /SERVICE PROVIDER DOWNLOADS THE APP → SIGN UP USING MOBILE → SELF DECLARE ITSELF AS A MERCHANT → START ACCEPTING PAYMENT

Basic Requirements to Start Using a Wallet: Bank Account**,** Smartphone, 2G/3G Connection & A Free Wallet App

Point of Sale
(PoS)

Types of PoS

PHYSICAL POS

Physical Card Swiping – PTSN with landline / GPRS enabled

MPOS

Phone connected with external POS device through jack / Bluetooth

V-POS

Virtual E-payment Gateway

Physical PoS

1 SWIPE A DEBIT/CREDIT CARD ON THE POS MACHINE

2 ENTER AMOUNT TO BE PAID AND PIN

3 GENERATE RECEIPT

Installation of Physical PoS Terminal

1 Open / identify current account for transactions

2 Fill in the application form (online / at the branch)

3 Identify type of PoS required (landline / GPRS)

4 Submit following documents:
- Proof of business (any one)
  - Shop & establishment registration certificate
  - VAT certificate
  - Sales tax
- Proof of address
- Photo identity proof of proprietor / partner
- Financial details
  - Bank statement
  - Income tax return

5 Acceptance of MDR by merchant

6 Execution of Merchant Establishment Agreement

Mobile PoS

Note: mSwipe is used as an example of MPOS here

V-PoS

No PoS machine required

QR code used for payment to bank account of merchant

Complete privacy of merchant bank account
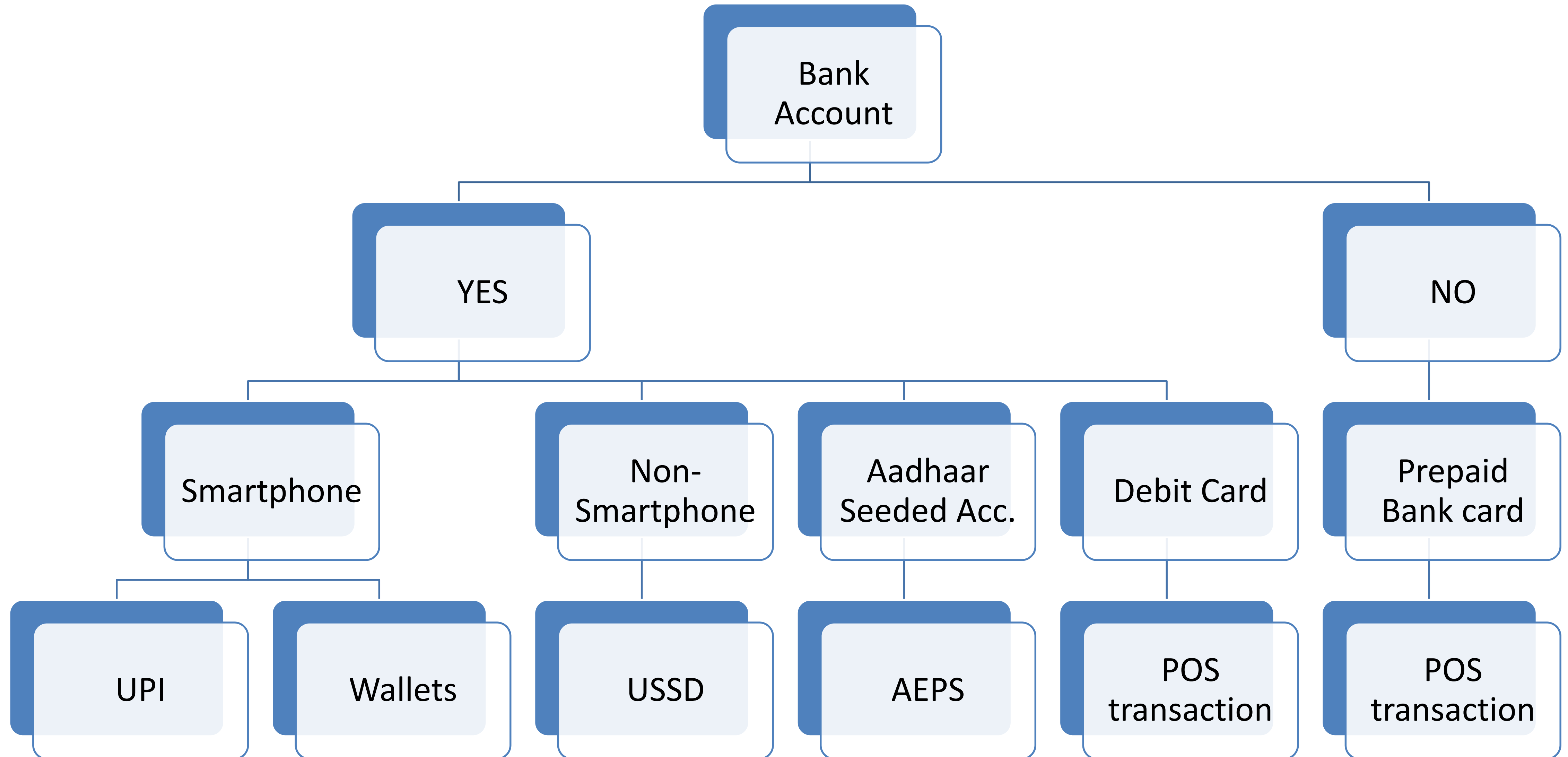
Must Do Practices

Register your mobile number at bank for regular information by SMS for every transaction

Never share your PIN to anyone

Transact at only trusted merchants

While at ATM, ensure no one is looking over your shoulders

Summary

Digital Payment Matrix

Characteristics	Bank Cards			*99#/NUUP	AEPS	UPI	Wallets	PoS		
	Prepaid	Debit	Credit					Physical	Mobile	Virtual
Prerequisites	Bank A/C (Personal/ Authorized)	Bank A/C	BankA/C	Bank A/C, GSM Mobile	Aadhar Number, Bank A/C	Bank A/C, UPI App by Bank, Smart Phone, 2G/3G Internet	Bank A/C, Smart Phone, Free E-Wallet App & 2G/3G Internet	Current Bank A/C, Physical PoS - PTSN with landline or GPRS enabled	Smartphone, PoS App, 2G/3G Internet, External Pos Device - through jack or bluetooth	Smartphone, 2G/3G Internet, Virtual E-Payment Gateway, QR Scanner
Registration	At bank	At bank	At bank	Mobile # with Bank A/C	Aadhar Number with BankA/C	Mob#/Aadhar# with UPI App of the Bank	Mobile# reg. with Bank seeded in App	Physical submission of doc in bank; Accept MDR	Bank A/C with PoS App	Nil
Approx Duration for Initiation	1-2 WDs	5-7 WDs	1-2 WDs	1-2mins	5mins	5mins	5 mins	Procurement of Physical PoS takes 2-4 weeks	Mobile PoS not easily accessible as of now	5 mins for payment through QR Code
Linkages	Mobile#	Mobile# and bank acc	Mobile#	Mobile#	Aadhar	Mobile#/Aadhar#	BankA/C or Bank Card with Wallet	Current Banks A/C of merchant	Bank A/C of the Merchant	QR Scanner App/Virtual Payment Gateway
Fund Transfer Limit	Limited	Unlimited	Limit varies	5000/day, 50,000/annum	No Limit	1 lakh/tr.	Consumer: Rs.20,000/month for all; Rs.1 lakh/month with KYC Merchant: Rs. 50,000/month with self declaration.; Rs.1lakh/mnth with KYC	No Limit	No Limit	No Limit
Transction Cost for Merchant	0.45p/tr.*	1-2% of tr.*	1-2% of tr.*	Nil	Nil	Nil	Nil	*	*	Nil
Transaction Cost for Consumer	Nil	Nil	Nil	Nil	Nil	Data charges for App download	Data charges for App download	Nil	Nil	Nil
Security Features Available	PIN	PIN, OTP, Sig.on Card, SMS	PIN, OTP, Sig.on Card, SMS	MMID, MPIN (In future, MMID will not be needed)	Finger Prints & Iris Detection	ID: Mobile # OR Aadhar#; MPIN	ID: Mobile#, Password	PIN & SMS post transaction	PIN & SMS post transaction	Secured - No external machine and bank details are required