Digital Payments

STEP BY STEP INSTRUCTIONS FOR VARIOUS MODES OF PAYMENT:

Cards, BHIM and UPI, e-Wallets, USSD, AEPS,

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

Prepaid Cards

Debit cards

Credit Cards

USE YOUR CARD TO SHOP ANYWHERE

At any PoS

At ATM

Online shopping

PREPAID CARD CAN BE ISSUED BY ANY BANK FROM ACCOUNT OR CASH

(FOLLOWING BENEFITS)

Pre-loaded card

Equivalent to cash

Can be recharged several times

Can be used at any PoS, ATM

BHIM (UPI)

Bharat Interface for Money (BHIM)

1 WHAT IS BHIM?

– National system for a/c to a/c transfers

– One app for all users from all banks

– Instant registration and transaction

2 FEATURES OF BHIM

– Much more than e-wallets; money does not stop earning interest

– Direct transactions from and to your bank account

– Faster and cheaper than NEFT, RTGS

Requirements for registration on BHIM

REQUIREMENTS

Smartphone with internet facility

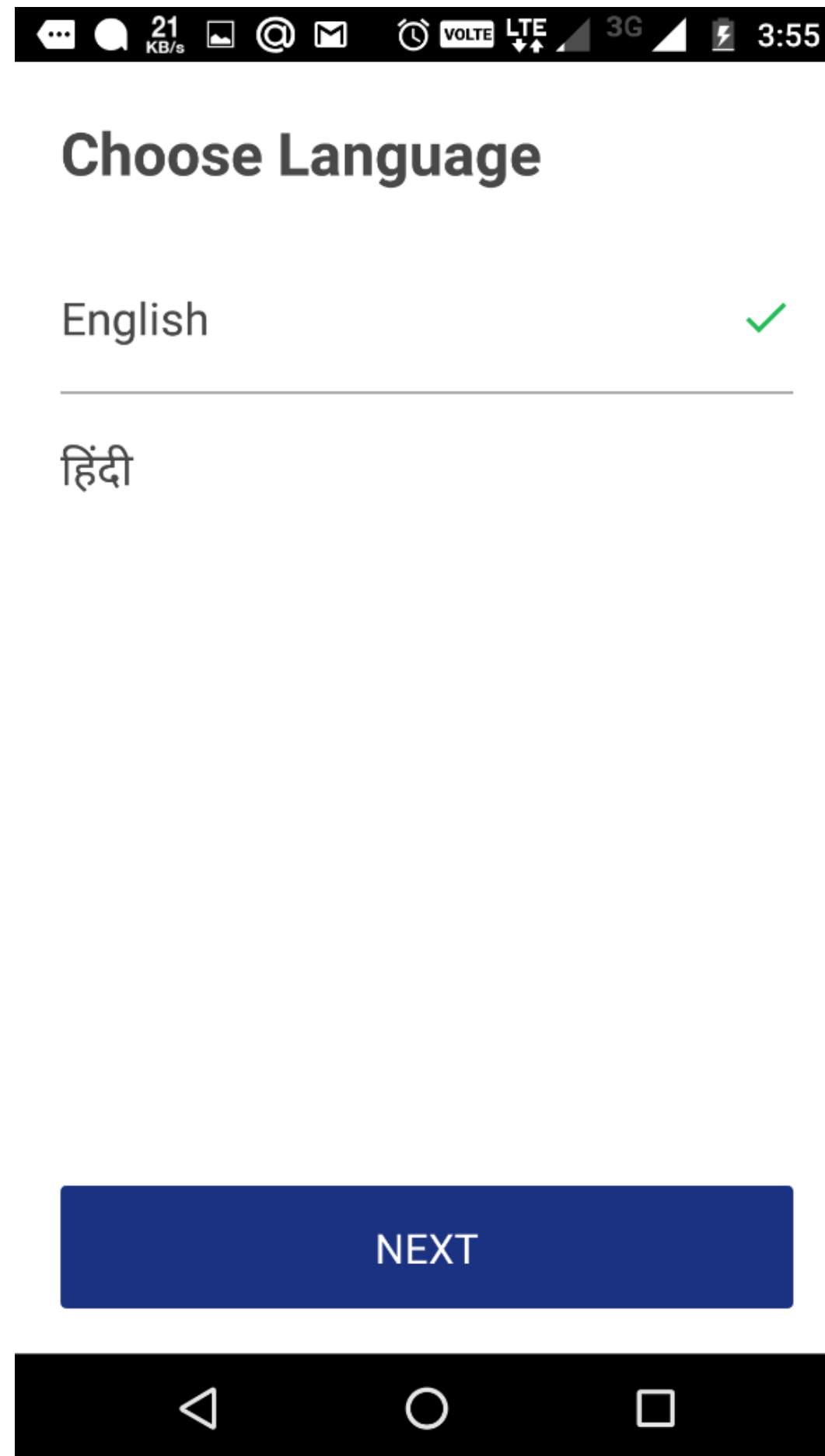Bank Account details (only for registration)

Phone number should be registered with your bank
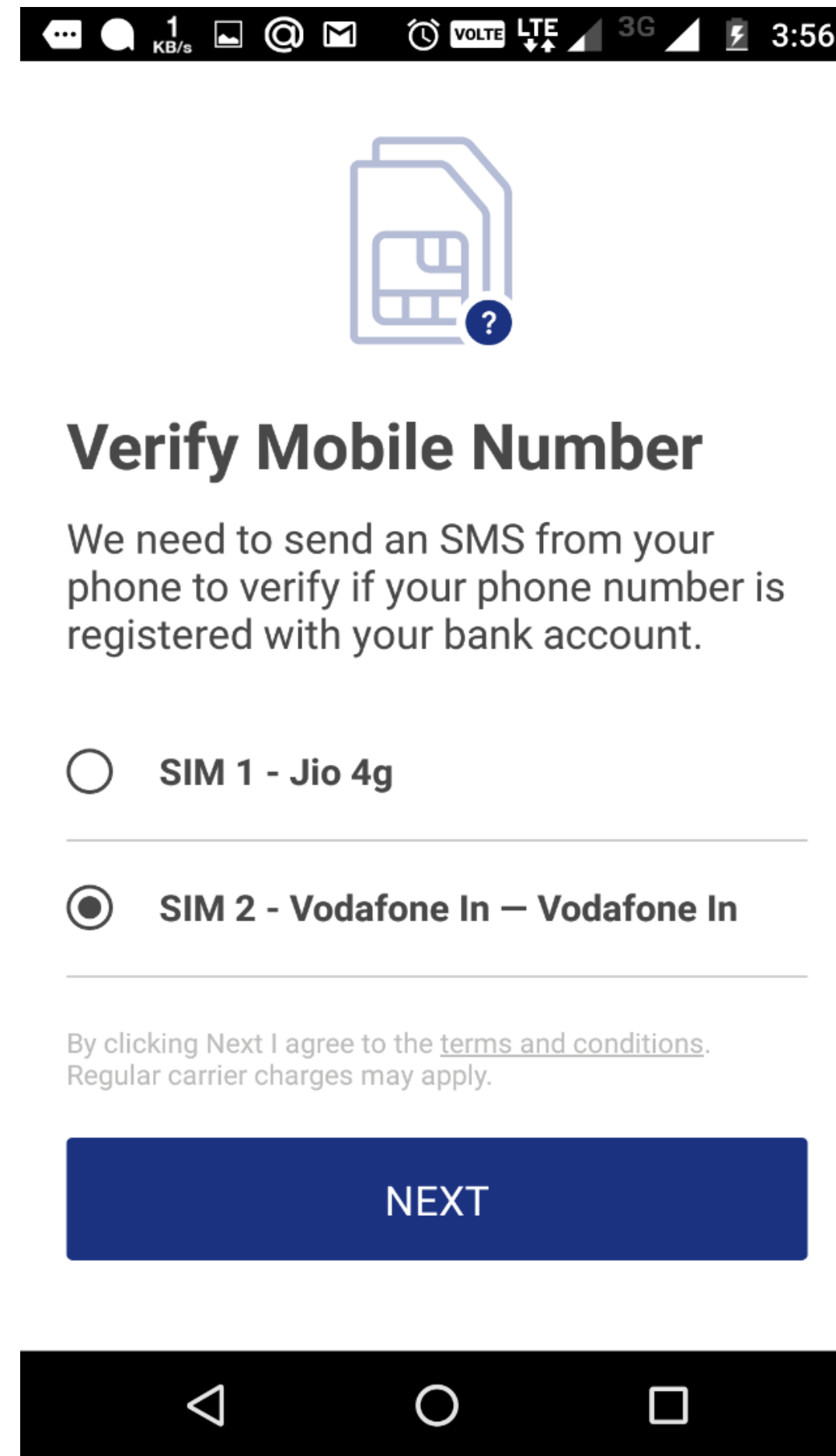
AVAILABILITY

BHIM app available on Google Play Store; expected on Apple phones shortly

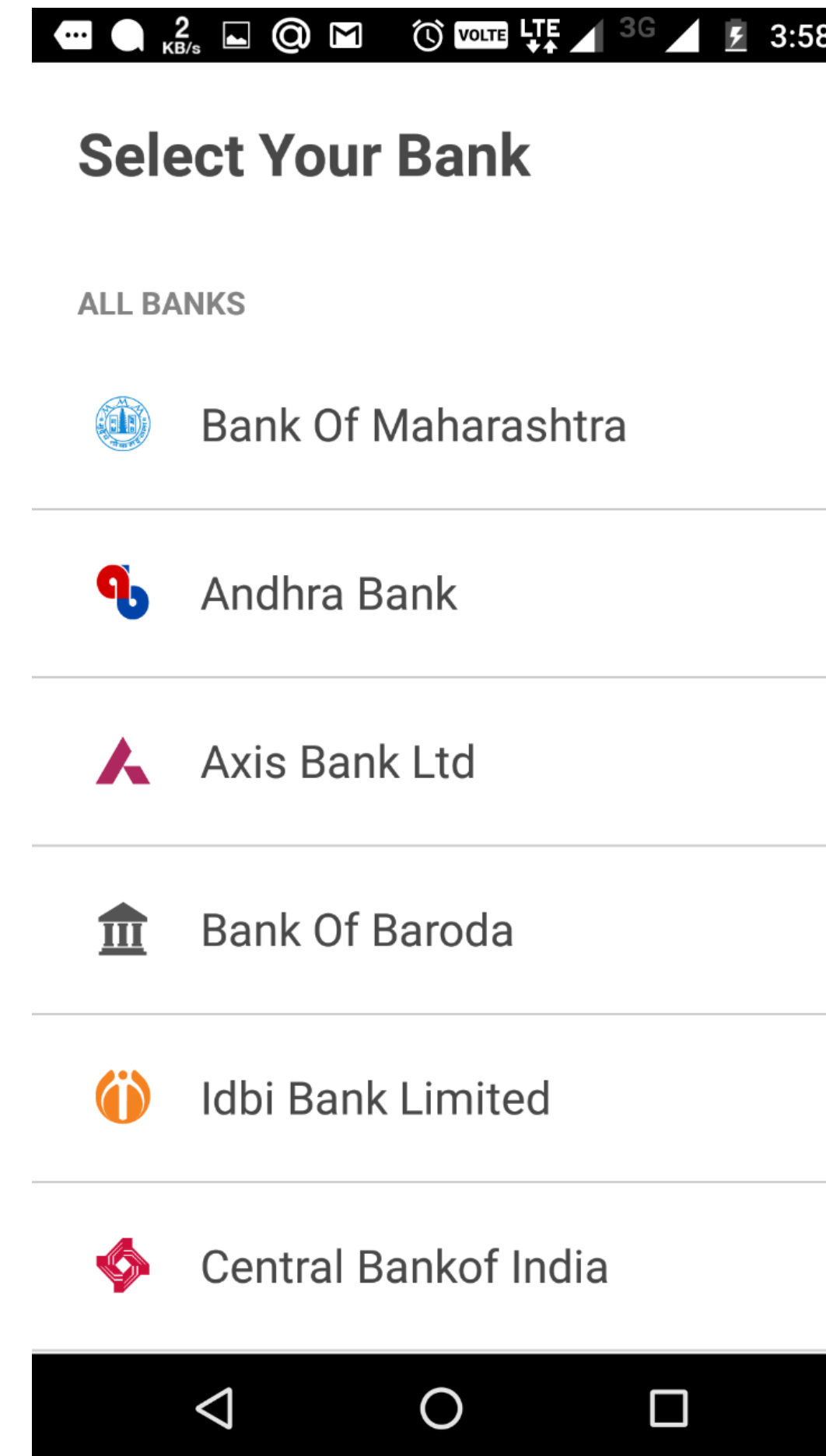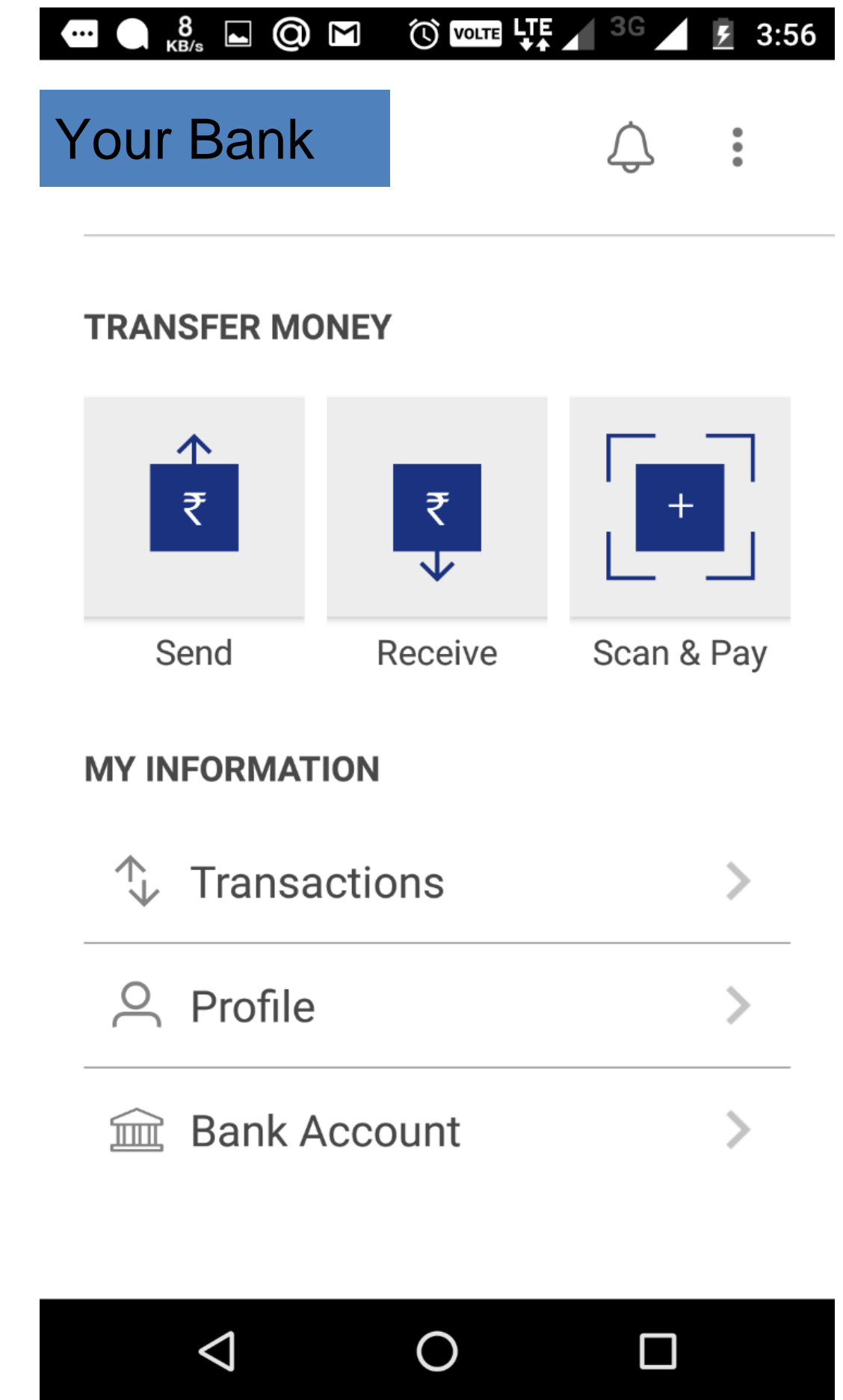35 banks on BHIM; more coming soon

Registering on BHIM

Choose language after installing
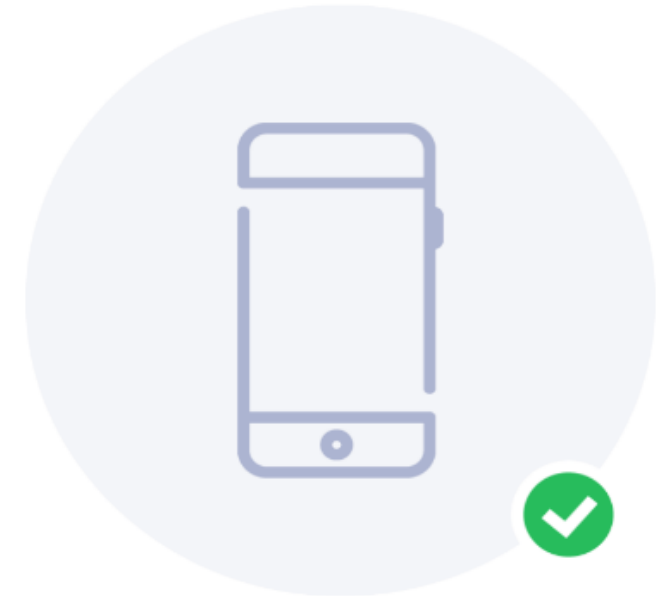
Choose SIM registered with bank

Select the bank and enter details

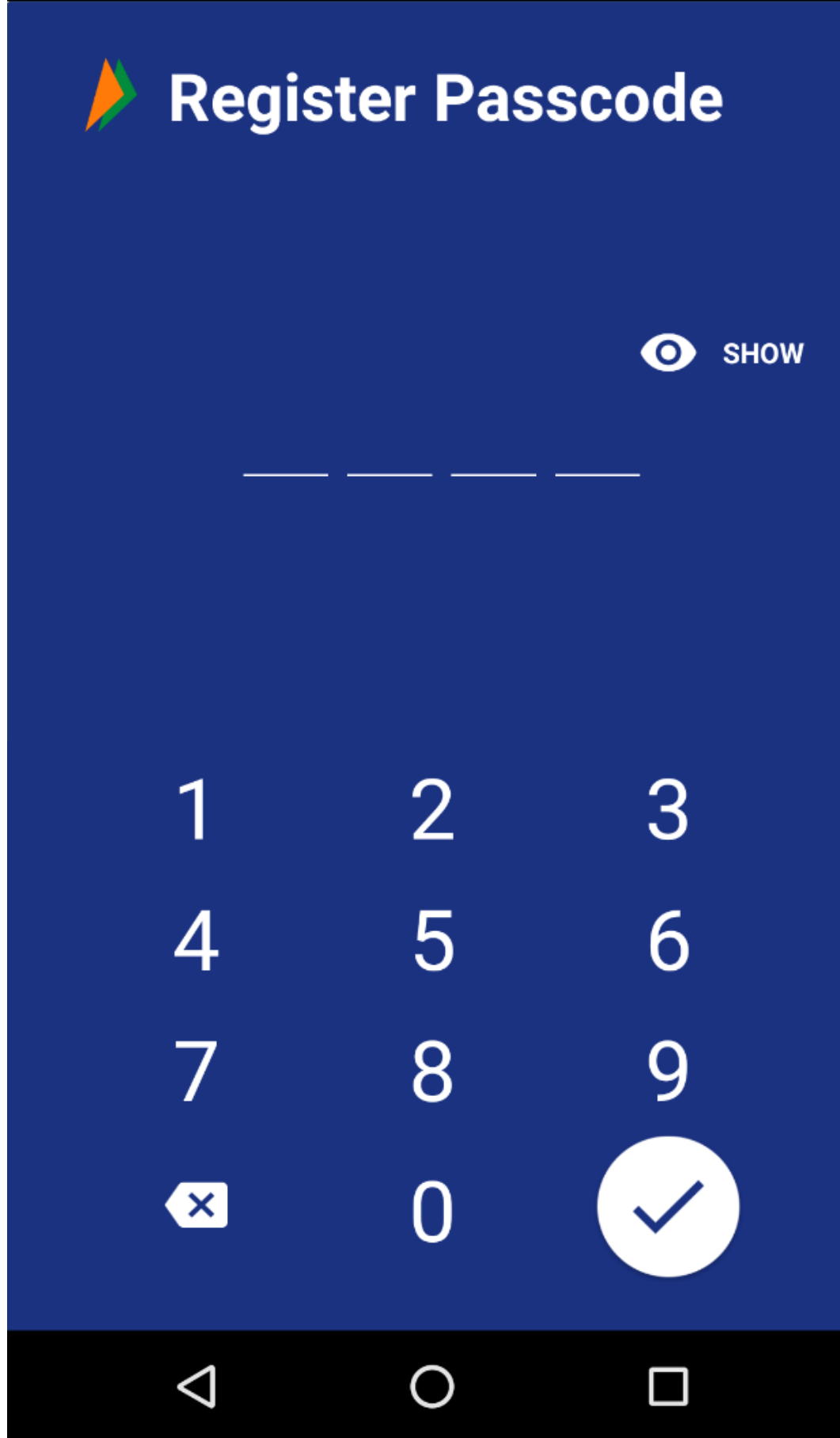Homepage after successful registration
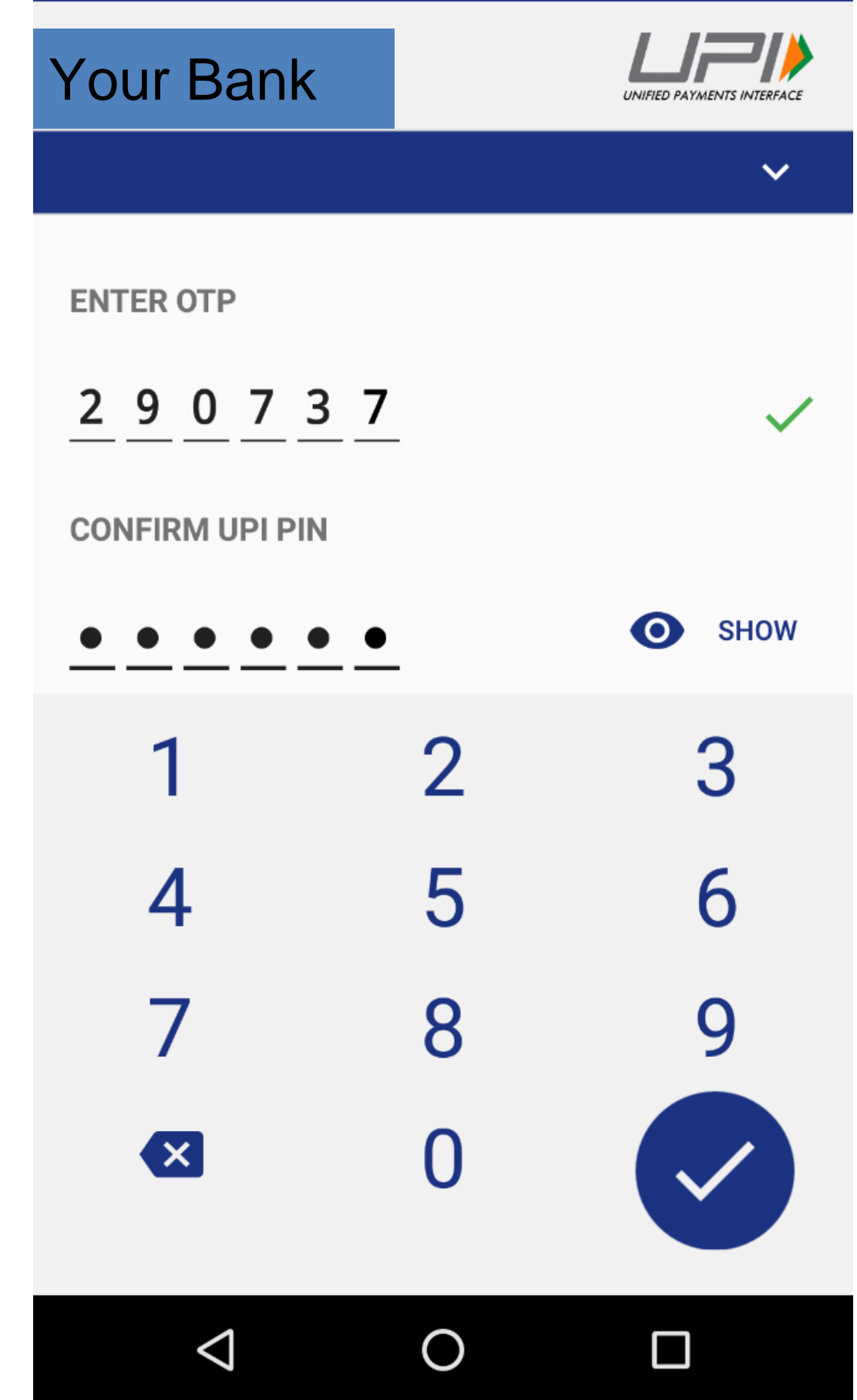
Security Features of BHIM

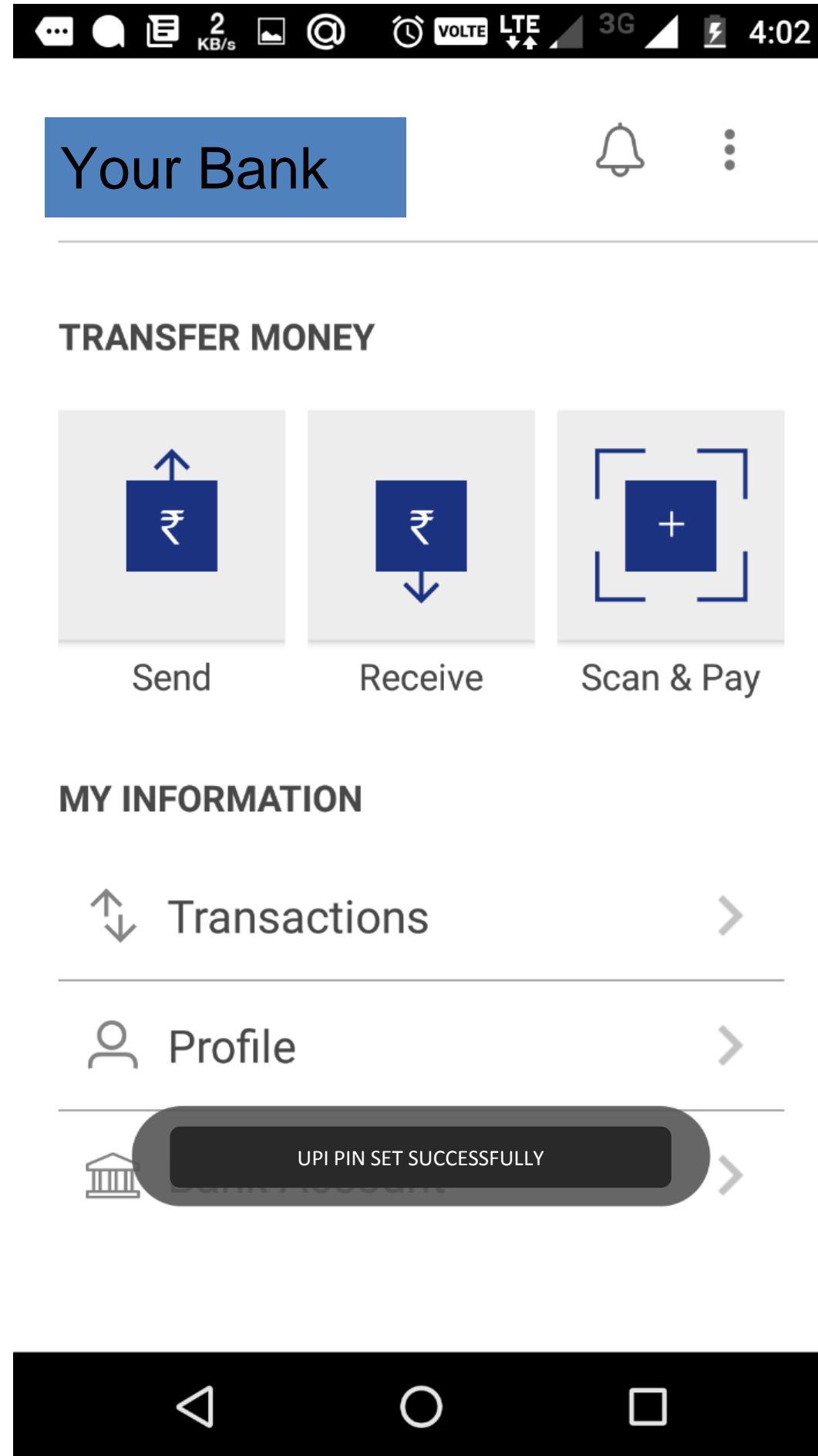Verification with mobile number and phone handset

Password for opening BHIM app

UPI PIN for making transactions

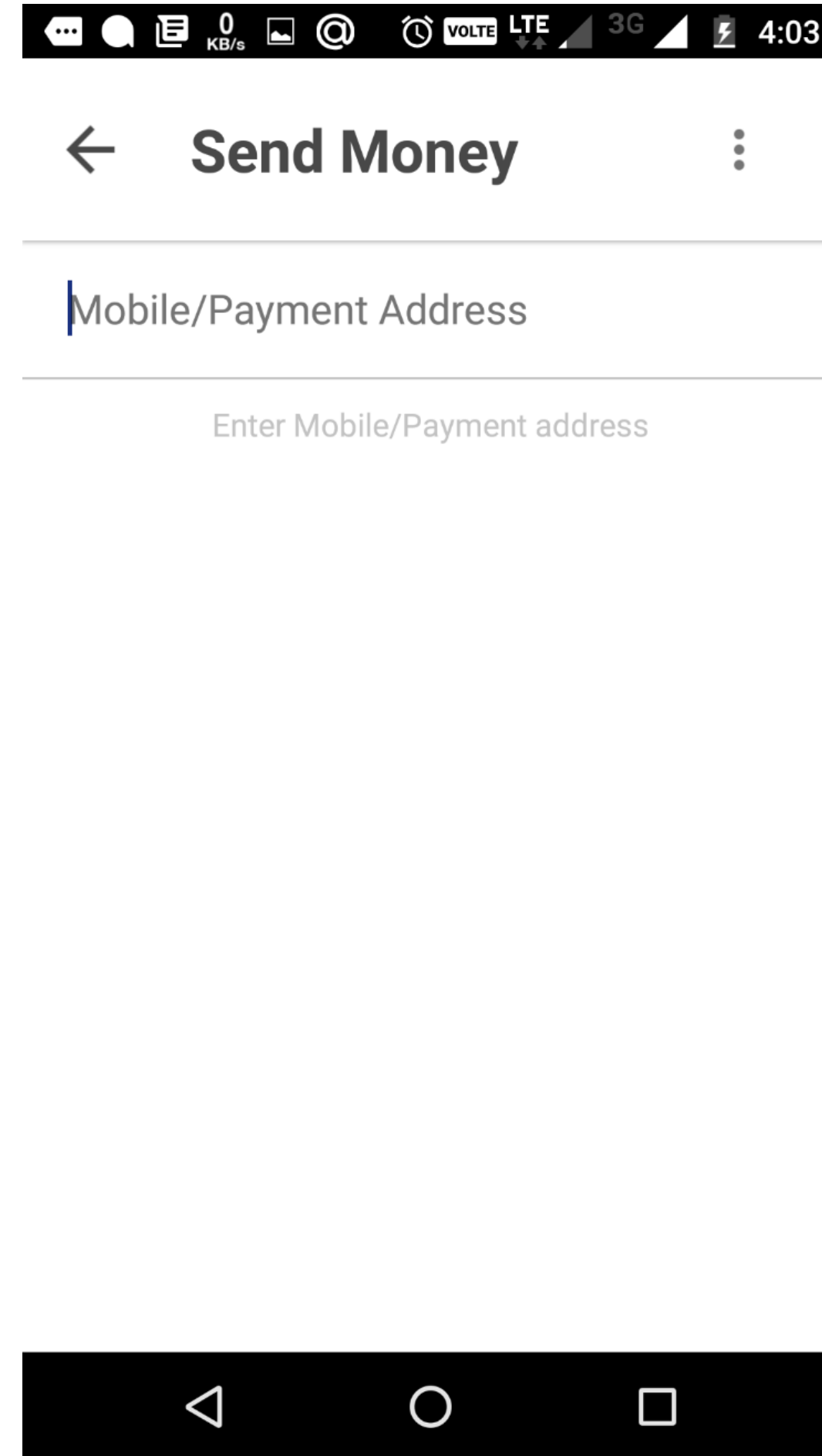# Sending Money on UPI

Select option "Send" on BHIM app homepage

Enter mobile number of payment address of payee
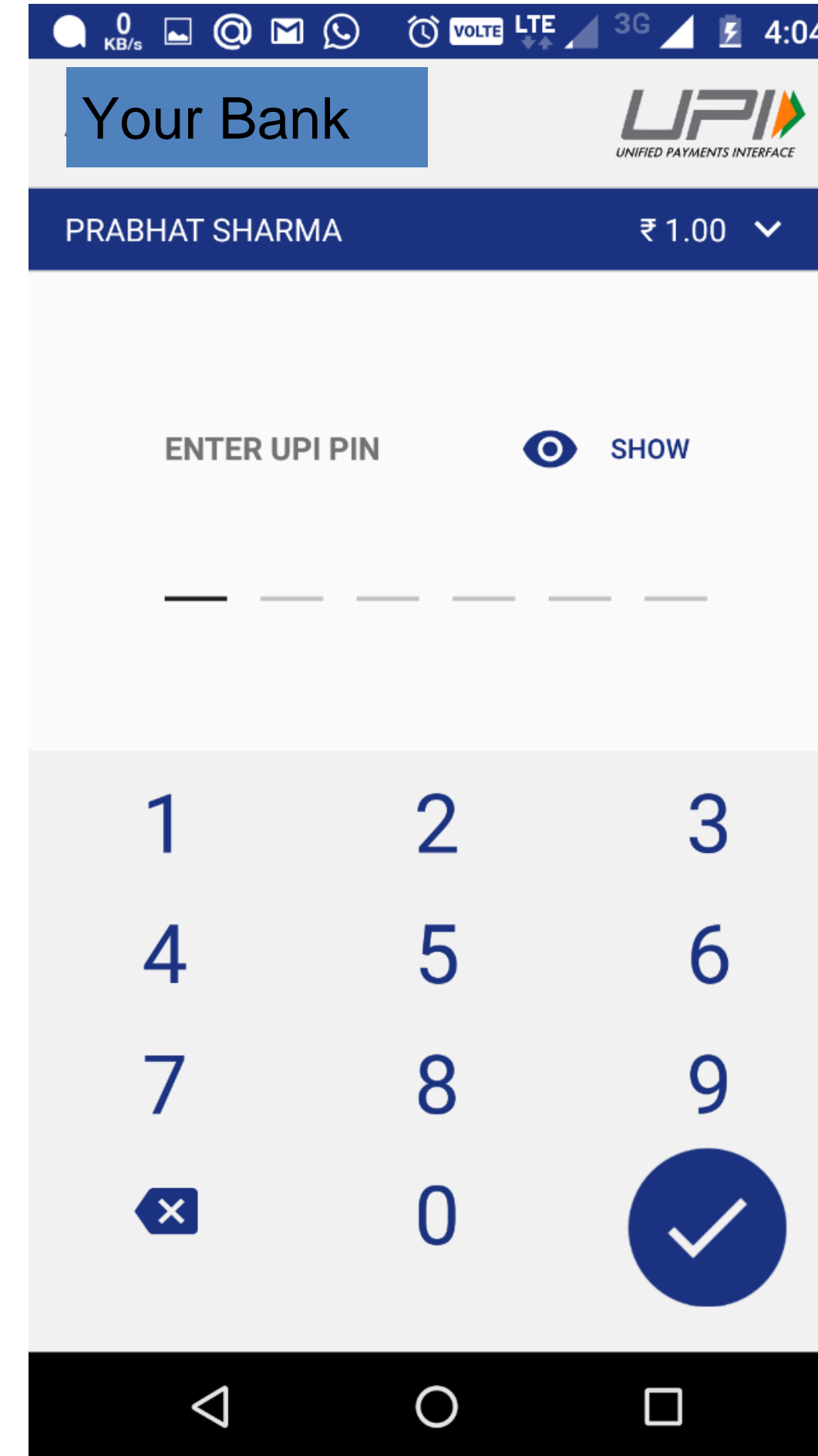
Enter you UPI PIN
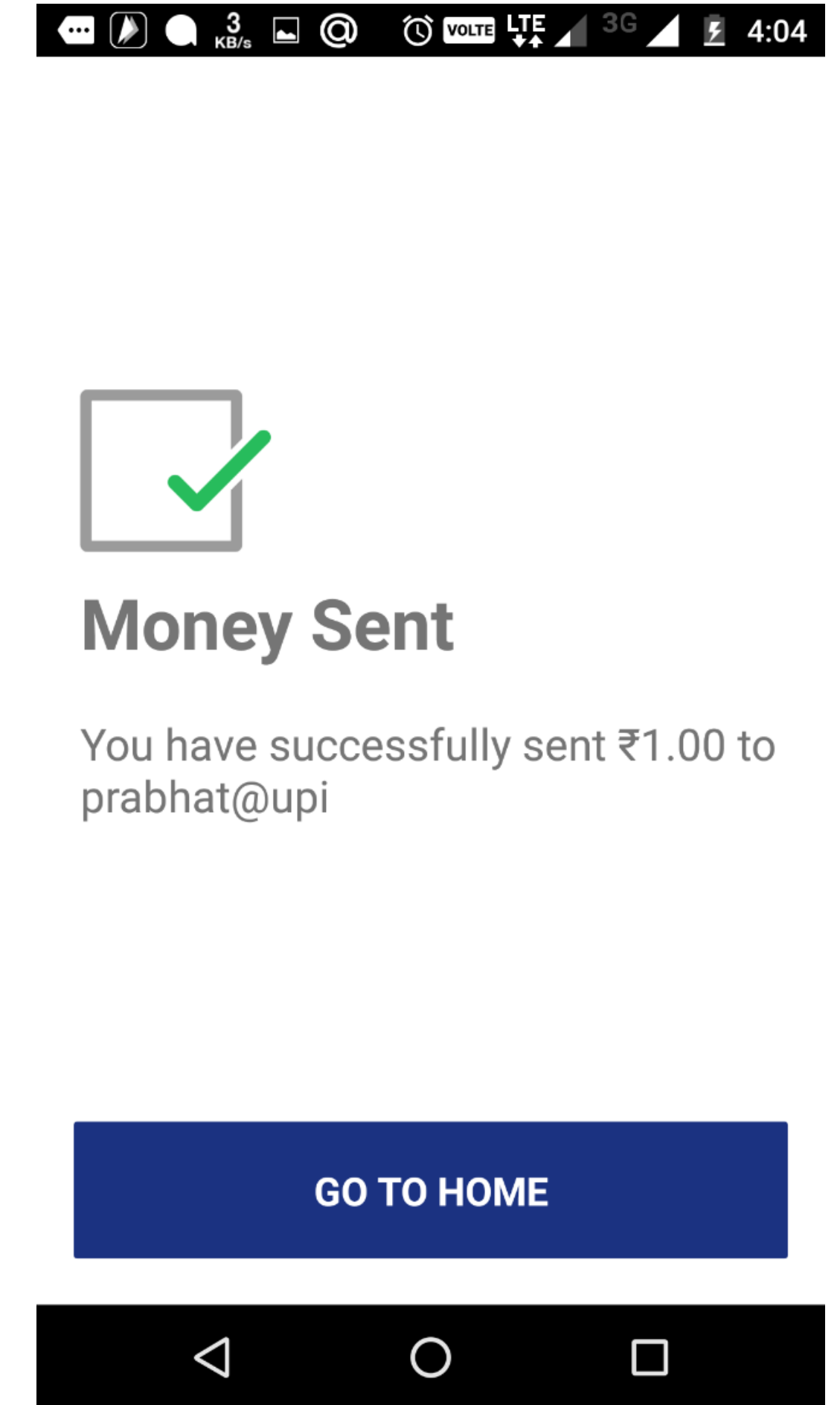
Message displayed after successful transaction

Scan and Pay on BHIM
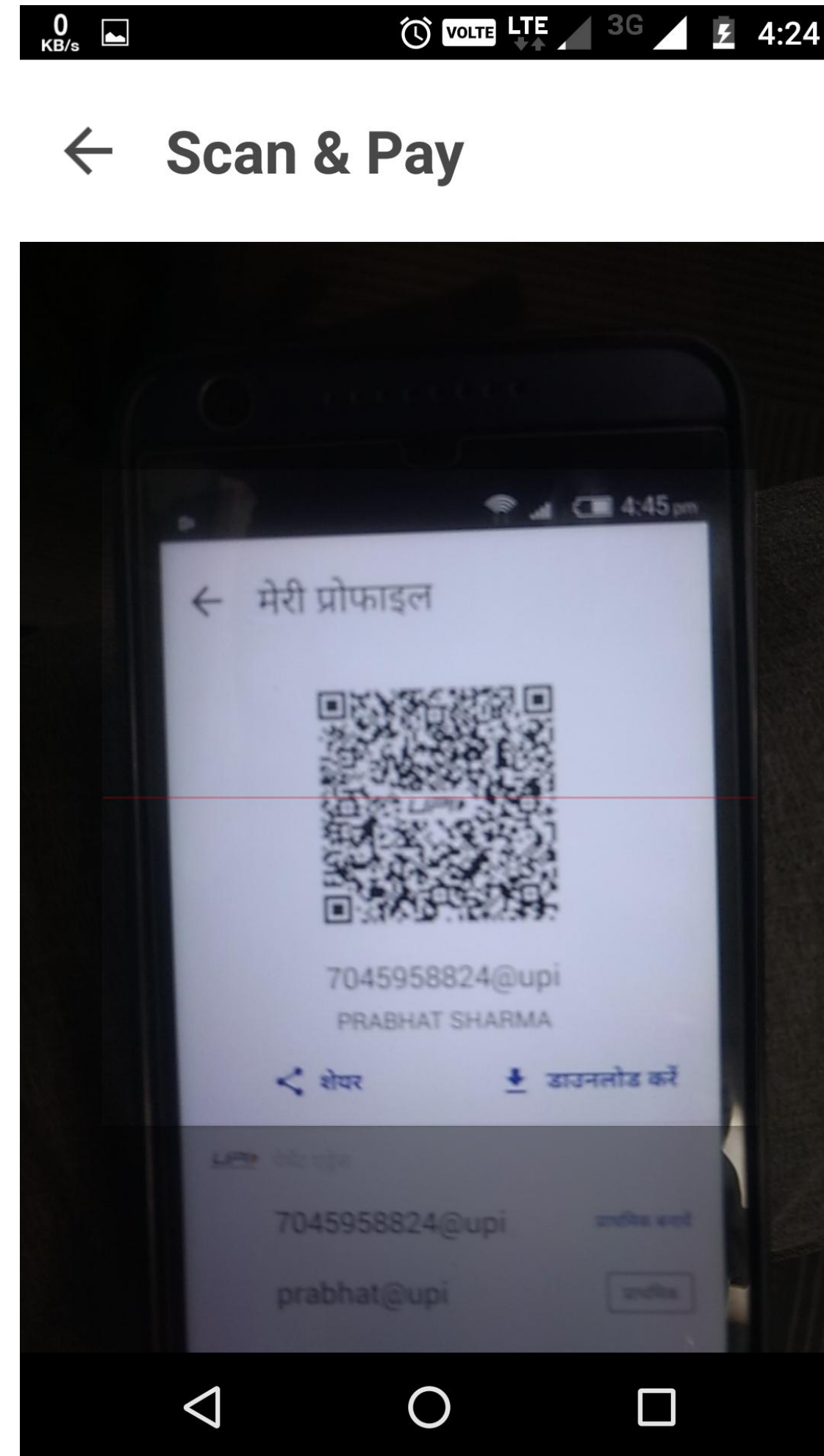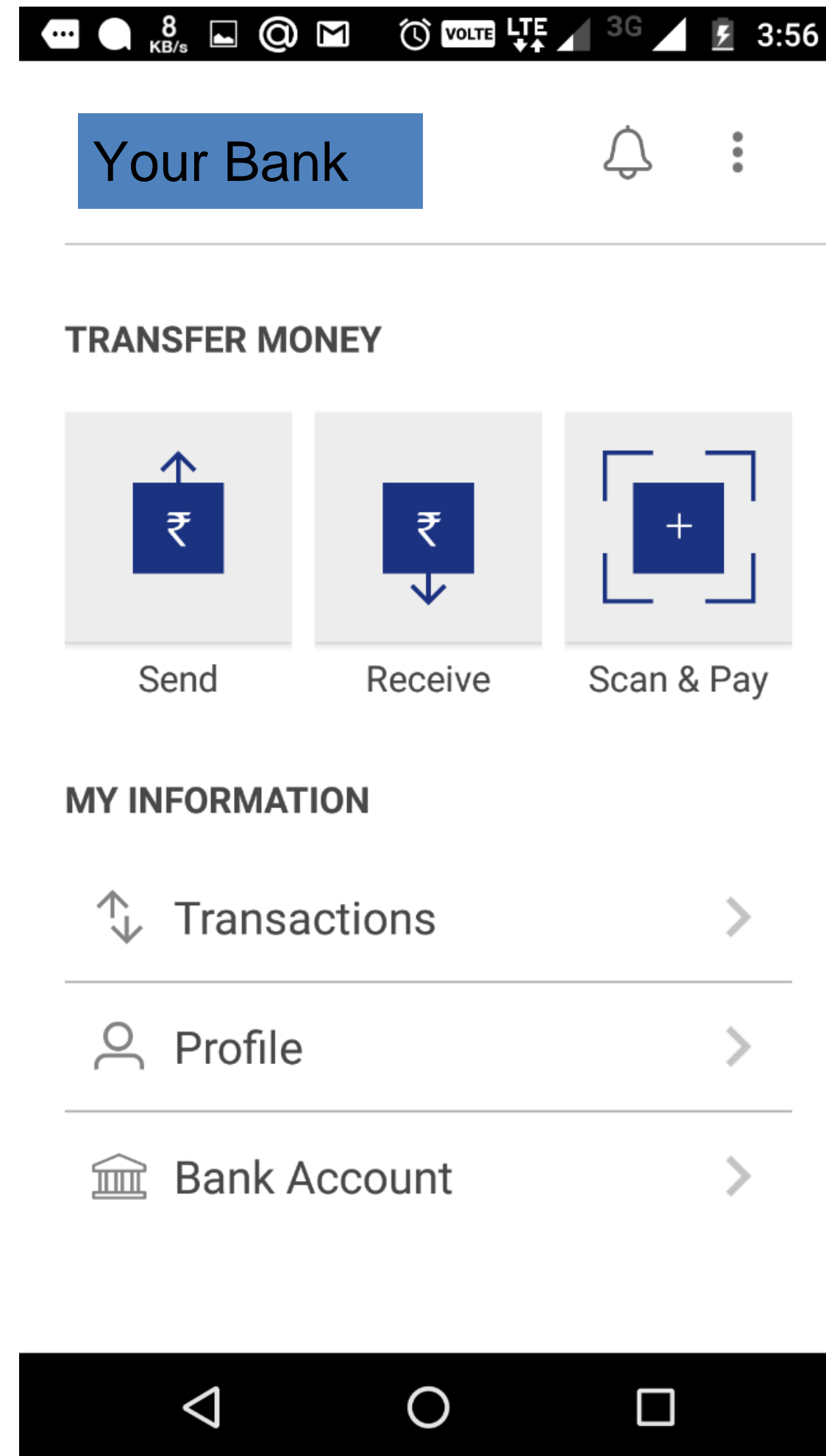
- ➢ Select "Scan and Pay"

- ➢ Application opens a QR scanner

- ➢ Scan the QR code of payee

- ➢ Details of payee displayed on screen

- ➢ Enter the UPI PIN, transaction can be completed

Unstructured Supplementary Service Data (USSD) based Mobile Banking

*99# - National Unified USSD Platform (NUUP) integrated with UPI

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

Process
- Dial *99# from bank registered number
- Select account
- Now account registered for USSD

Setting up UPI PIN
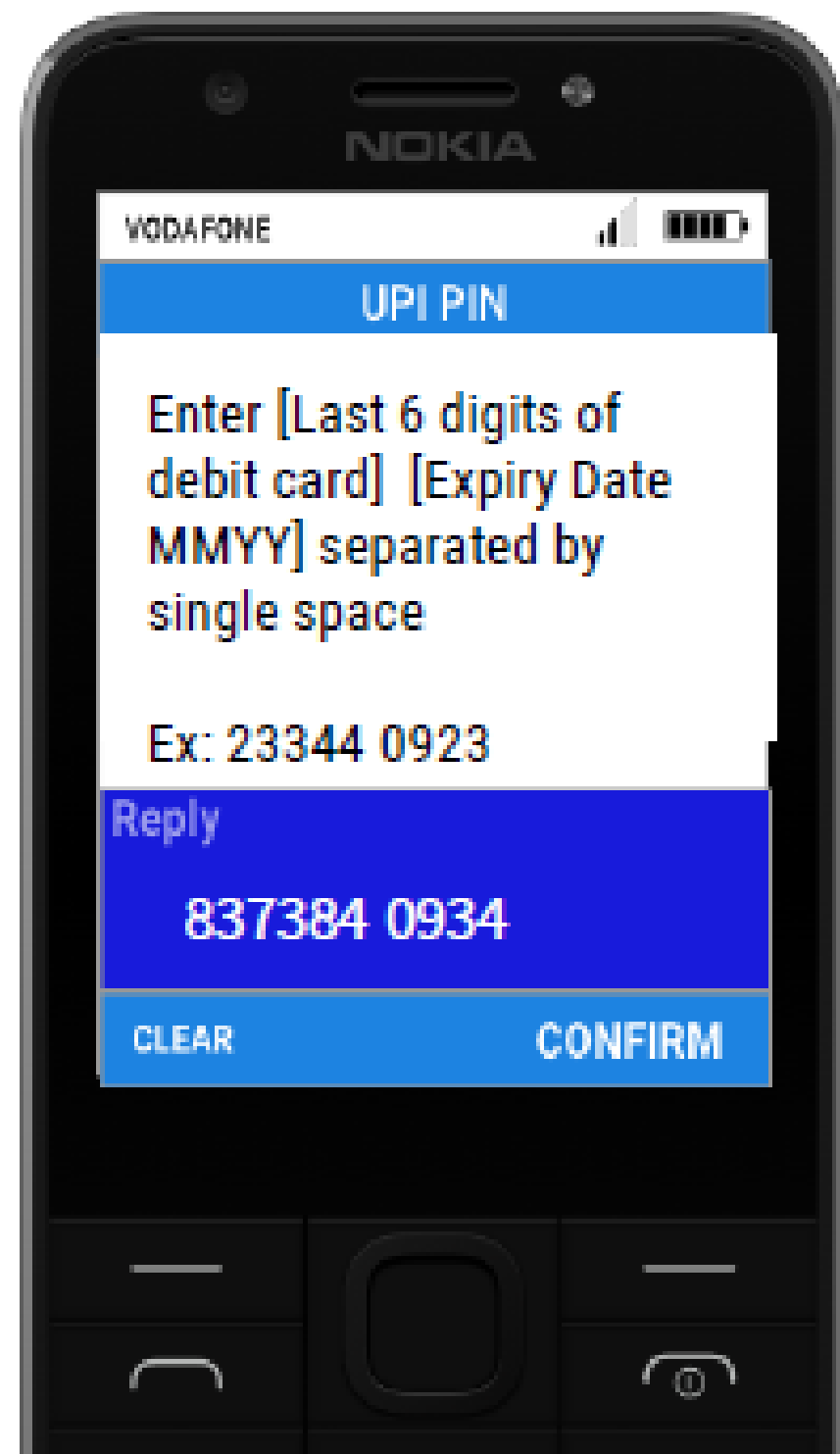
Process
– Dial *99*7*1# from bank registered number
– Enter debit card details
– Enter new UPI PIN
– PIN set

Send Money to Mobile/Aadhaar/ Payment Address

Registered user is taken to the main menu on dialing *99#
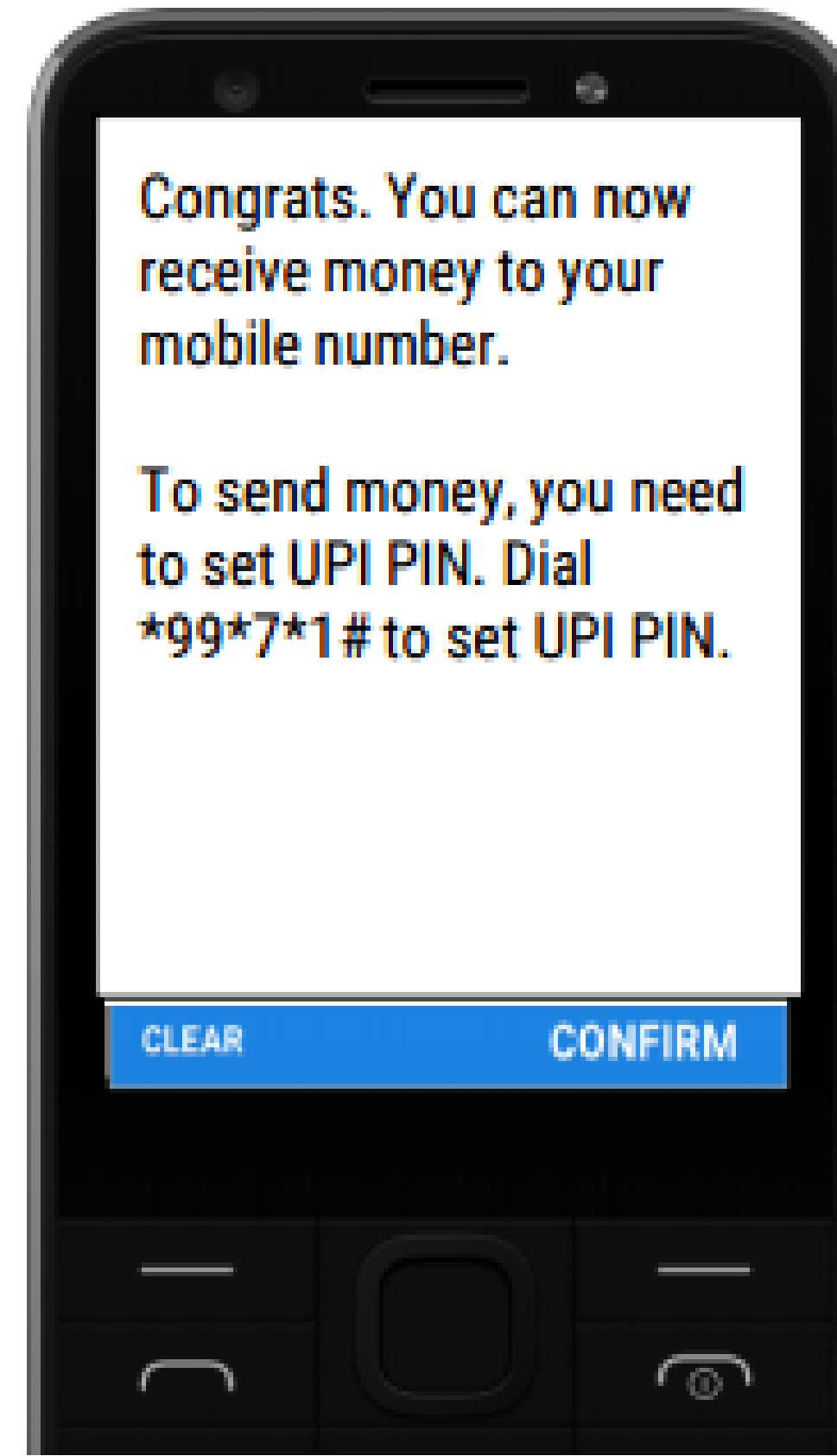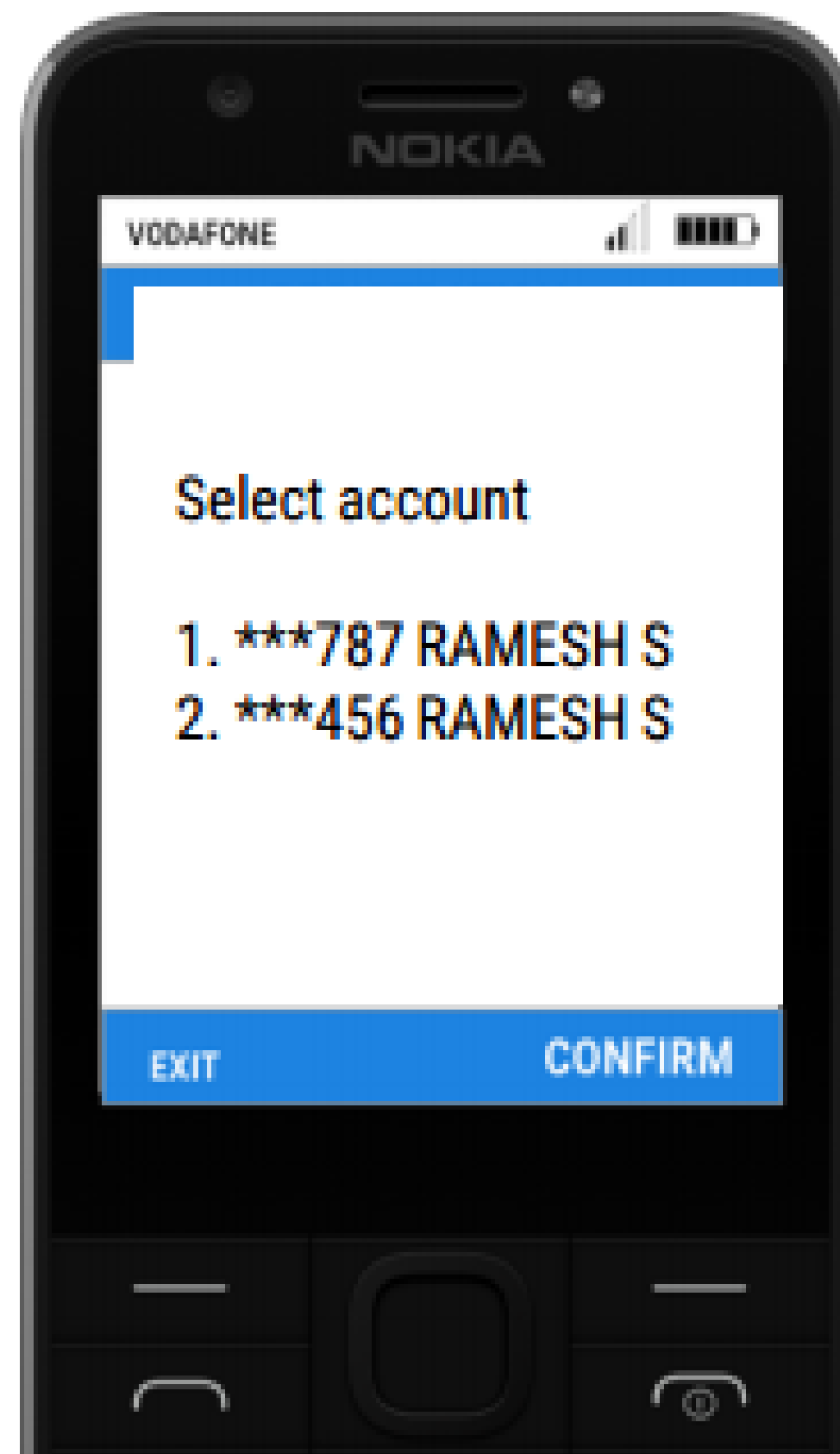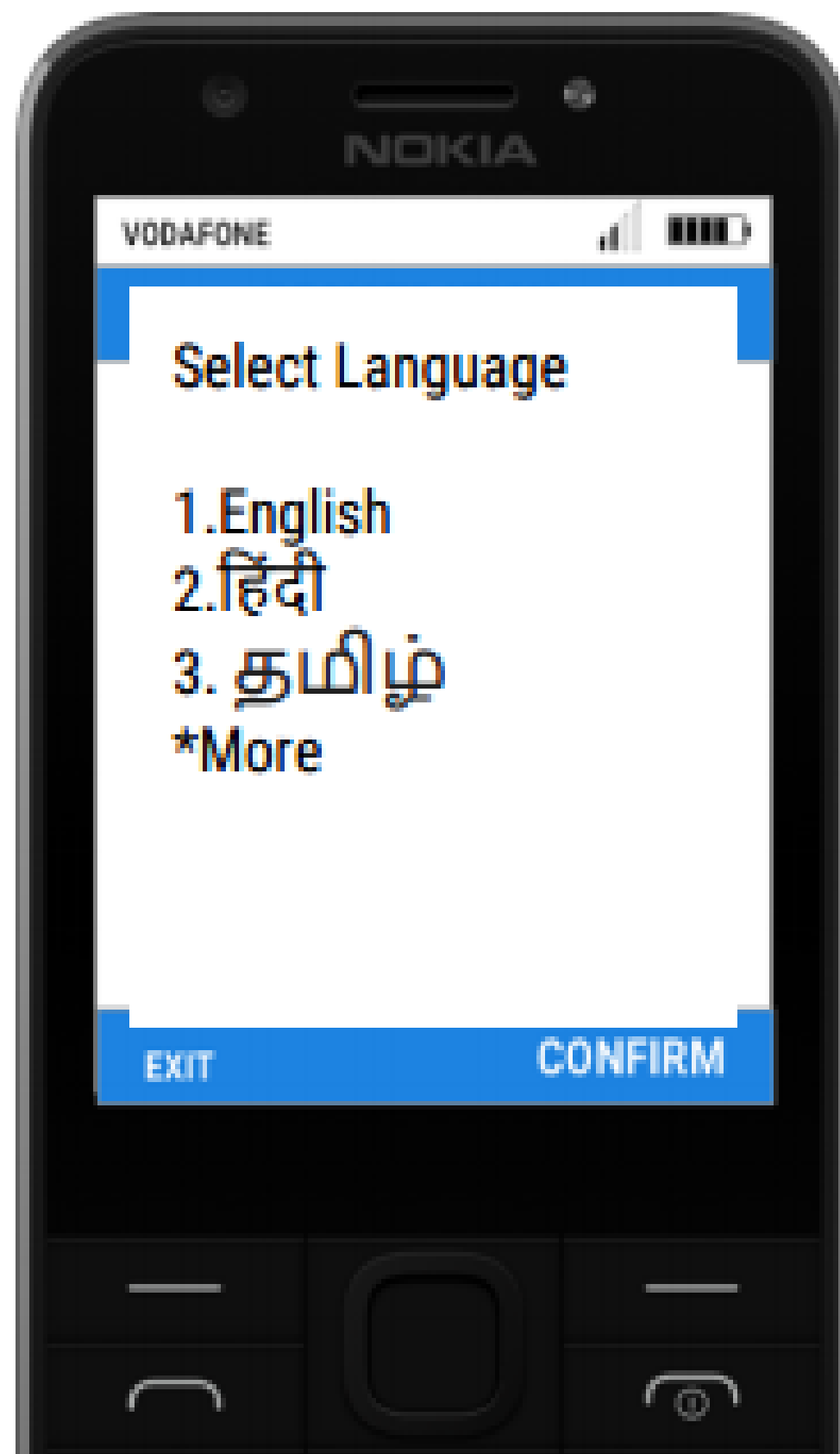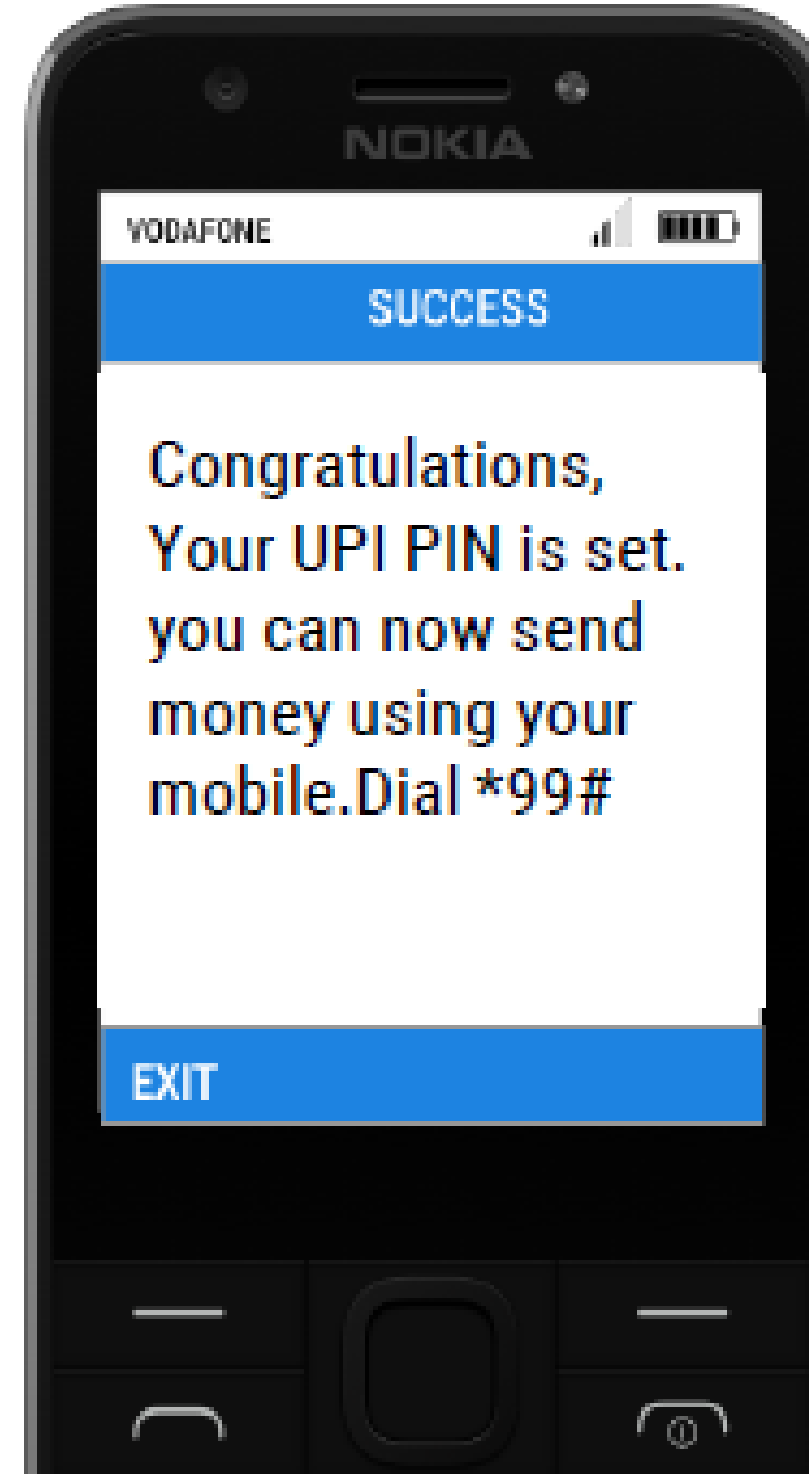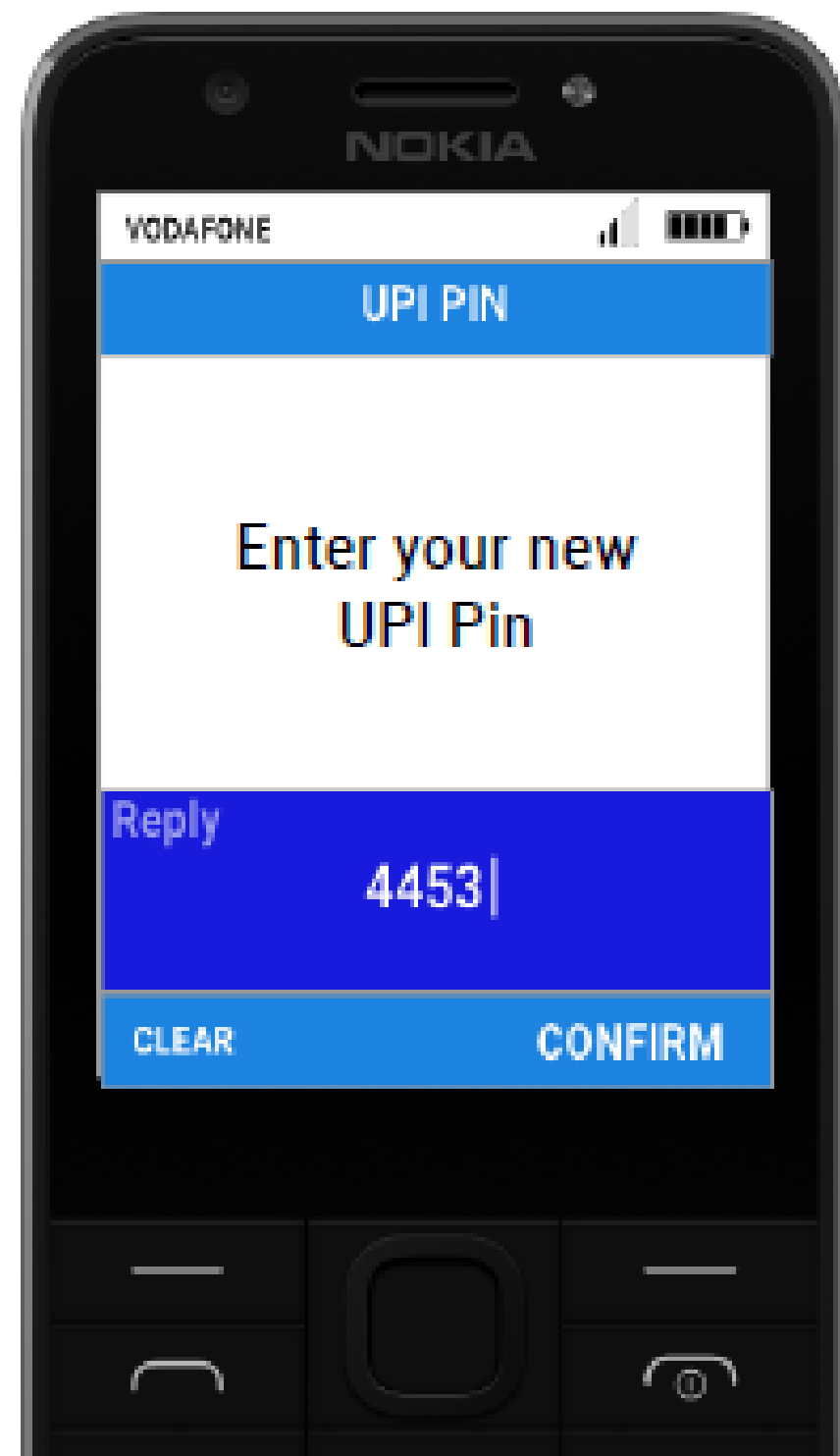

Screen 1:
Select Option:
1. Send Money
2. Request Money
3. Check Balance
4. My Profile
5. Pending Requests
6. Transactions
7. UPI PIN

Reply   1
EXIT   REPLY

Screen 2:
Send money to :
1. Mobile Number
2. Aadhaar Number
3. Payment Address
4. Saved Beneficiary
5. IFSC, Account No
6. MMID, Mobile No.

Reply
1
CLEAR   CONFIRM

Screen 3:
Enter Mobile Number of the beneficiary

Reply
91000 12345
CLEAR   CONFIRM

Screen 4:
VODAFONE
AMOUNT

Paying Ramesh,
91000 12345

Enter Amount in Rs.

Reply
142|
CLEAR   CONFIRM

Screen 5:
VODAFONE
UPI PIN

Paying Ramesh Rs 142
Enter your UPI PIN for SBI ***782

Reply
4453|
CLEAR   CONFIRM

Screen 6:
VODAFONE
SUCCESS

Your payment to Ramesh for Rs 142 is successful.(Txn Ref No: 123456)
Select option to
1. Save contact
2. Exit

EXIT

1. User Selects 1 to pay to New contact.

2. Chooses to pay to a mobile number

3. Enters the mobile number to pay

4. Enters the amount to be paid. Name of the mobile number holder is verified and displayed

5. Enters UPI PIN

6. Payment Successful Displays "Your contact has been saved successfully" on 1

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 → PROVIDE FINGER PRINT ON SCANNER → ON SUCCESSFUL TRANSACTION, TAKE THE PRINT SLIP → PROCESS COMPLETED
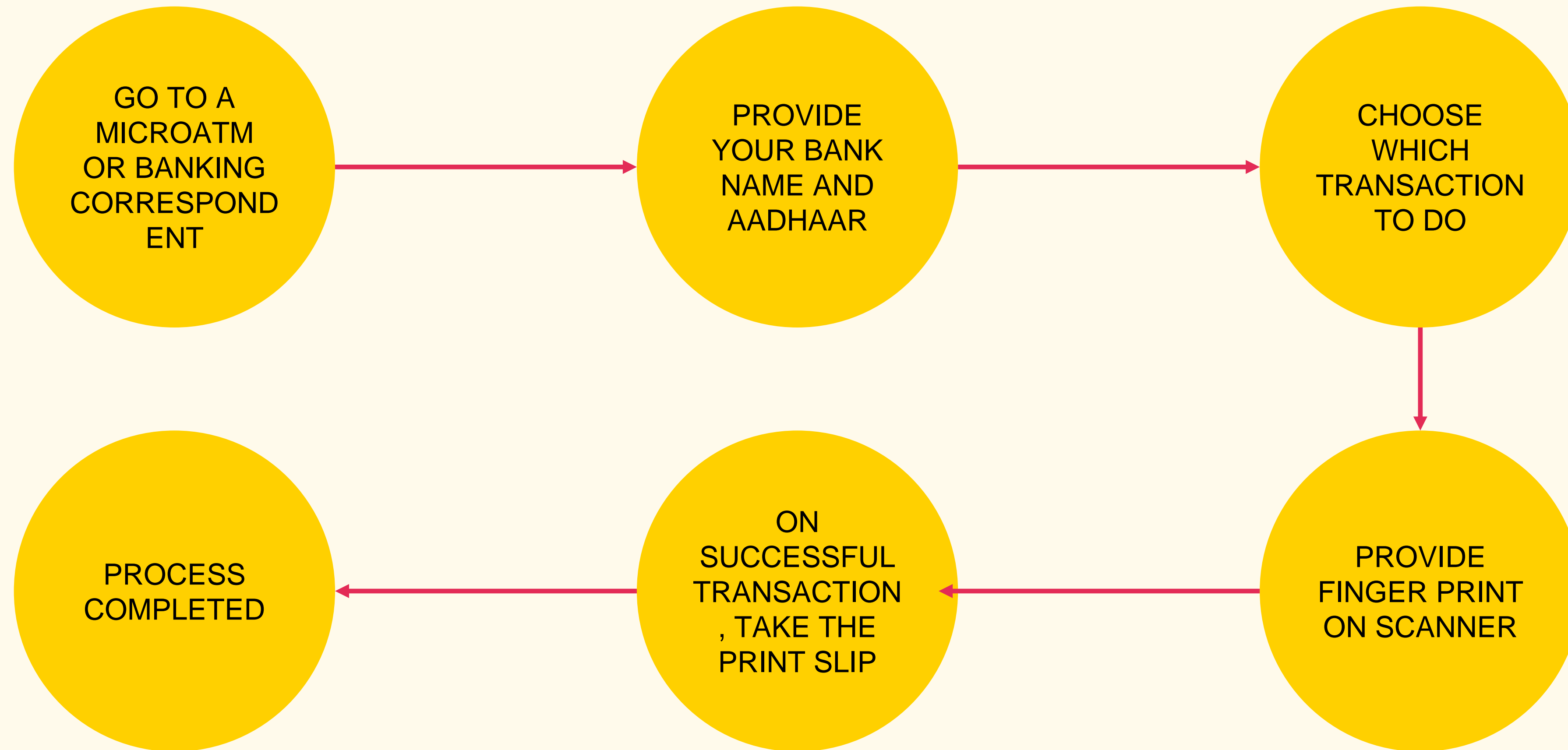
MicroATM Transaction
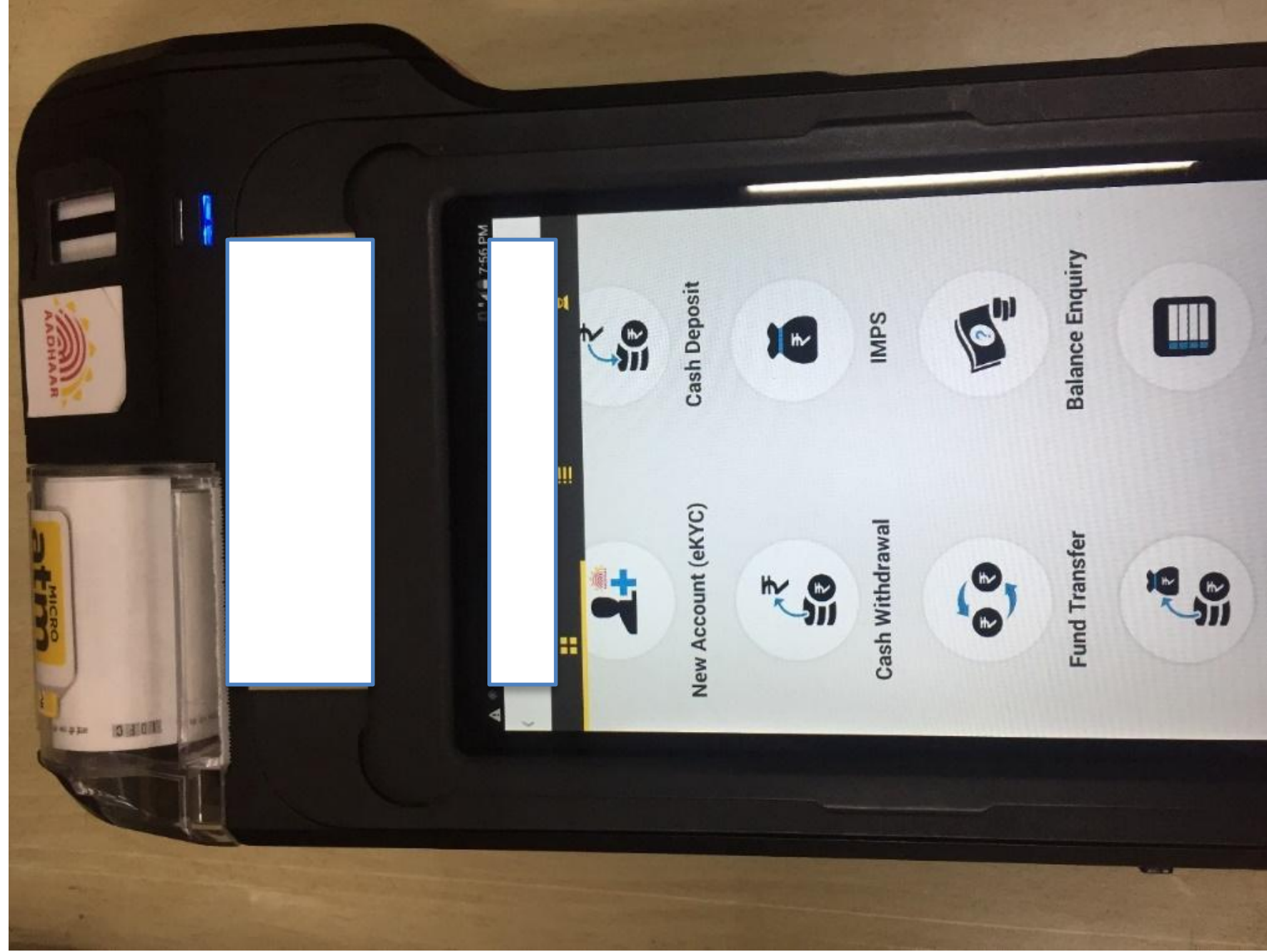
Wallets

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

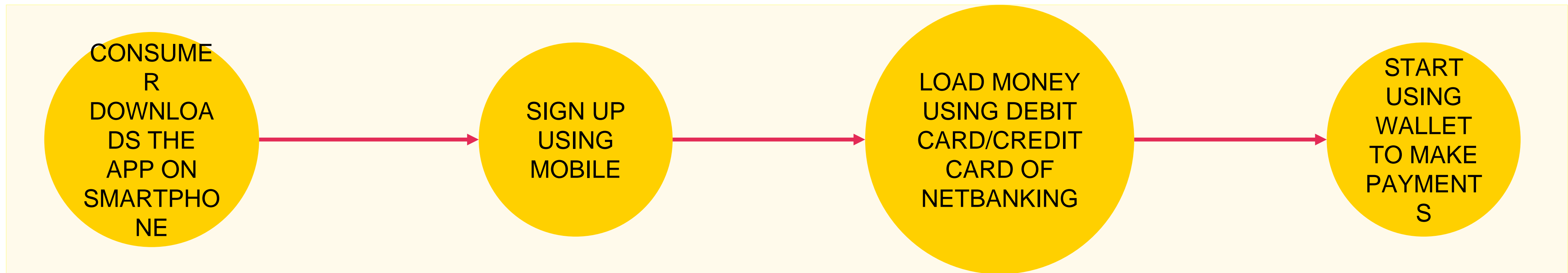CONSUMER DOWNLOADS THE APP ON SMARTPHONE → SIGN UP USING MOBILE → LOAD MONEY USING DEBIT CARD/CREDIT CARD OF NETBANKING → START USING WALLET TO MAKE PAYMENTS

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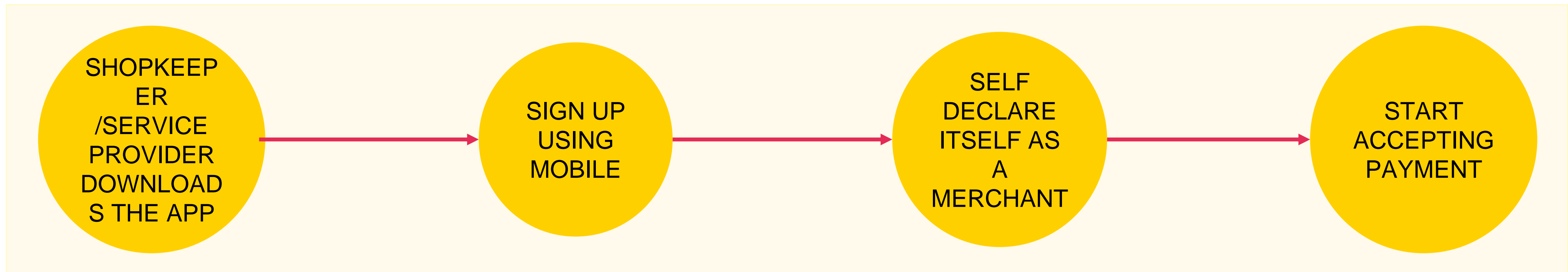
Basic Requirements to Start Using a Wallet: Bank Account, Smartphone, 2G/3G Connection & A Free Wallet App

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