NEO TECH

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Digital Bank Ecosystem
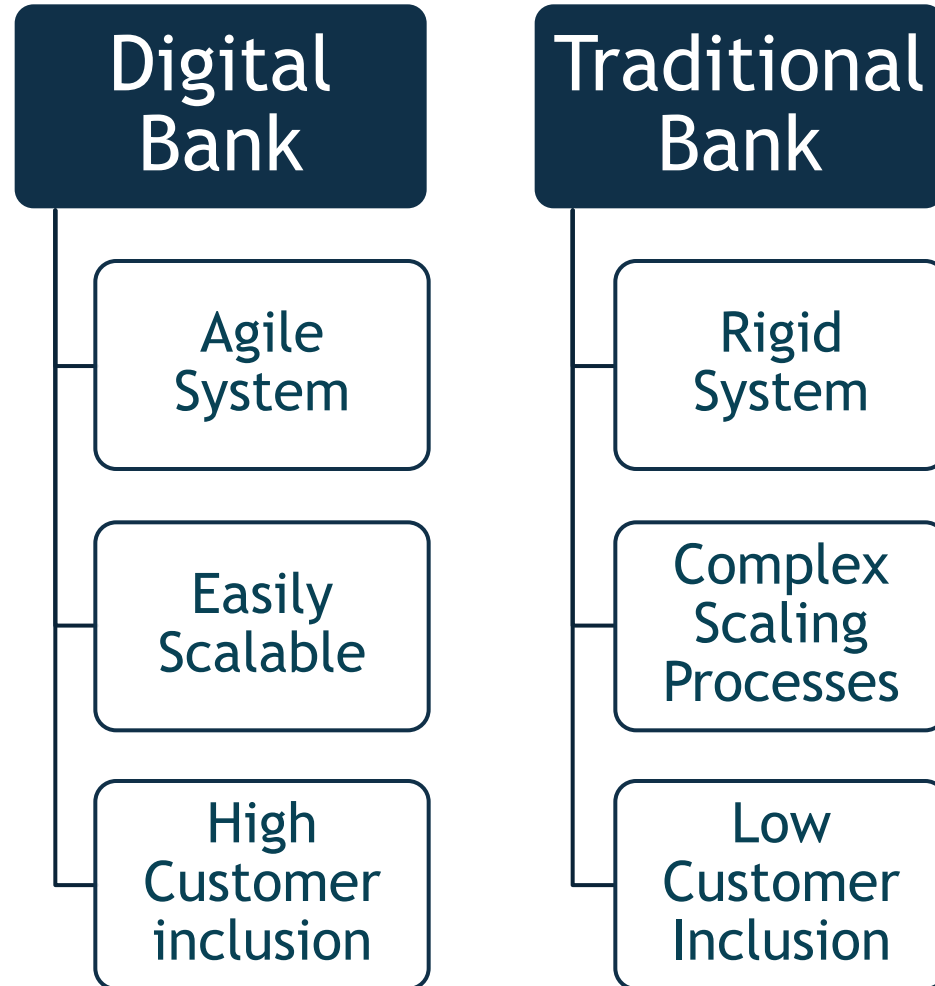
Blockchain based Digital Bank

▶ Global initiatives stimulated by COVID-19 pandemic, technology adoptions from users and innovations from corporate decision-makers have allowed for seem-less financial service solutions to blossom and showcase their potential in real-time.

Blockchain based Digital Bank

▶ Financial institutions have adopted products and solutions to innovate their operations for the benefit of company and customer.

▶ The results of these have been favorable, mainly due to:

▶ Financial Inclusion on a digital platform

▶ Secure transactions for all users and stakeholders

▶ Auditable and Traceable transactions on a reliable database (Blockchain)

▶ Auditability

▶ Efficiency

Digital Bank vs Traditional Bank

| Digital Bank	Traditional Bank
Agile System	Rigid System
Easily Scalable	Complex Scaling Processes
High Customer inclusion	Low Customer Inclusion

Digital Banks are getting popular…

▶ **Digital banks** including Chime, Varo and Current have won over more **U.S.** customers during the coronavirus pandemic by processing stimulus payments quickly, setting them apart from traditional **banks** and generating valuable word-of-mouth referrals.
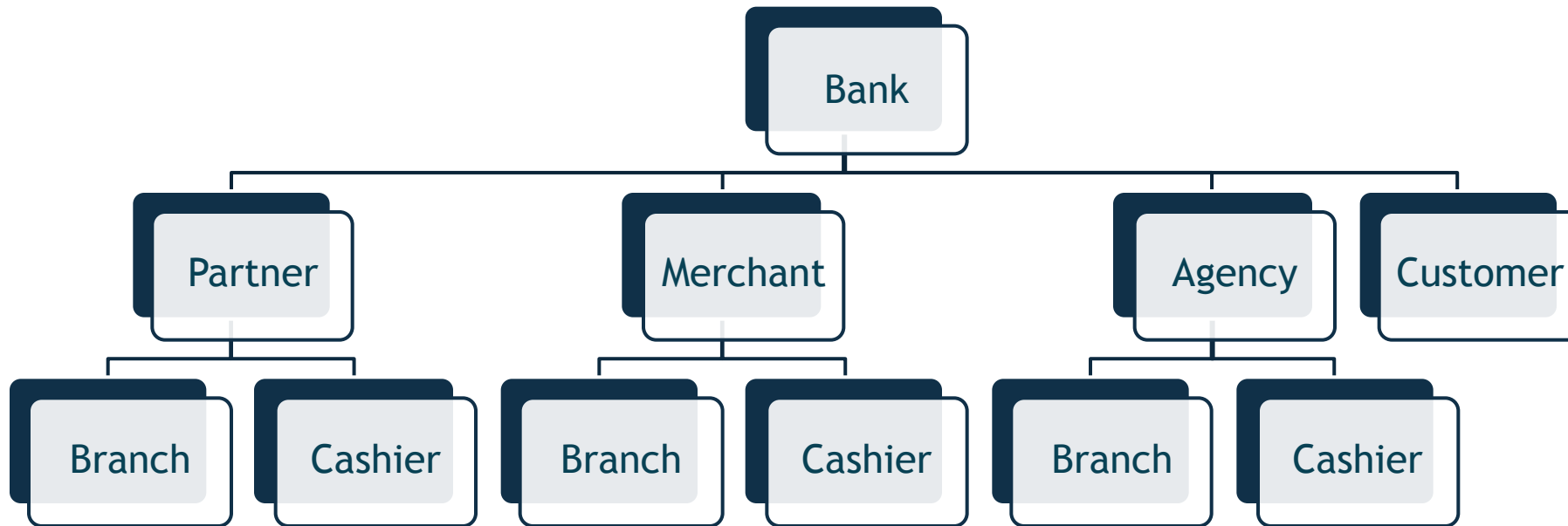
Digital Banks

▶ NuBank

▶ Varo

▶ Payoneer

▶ Chime. (https://www.chime.com/applytp3/?ad=fndr_1)
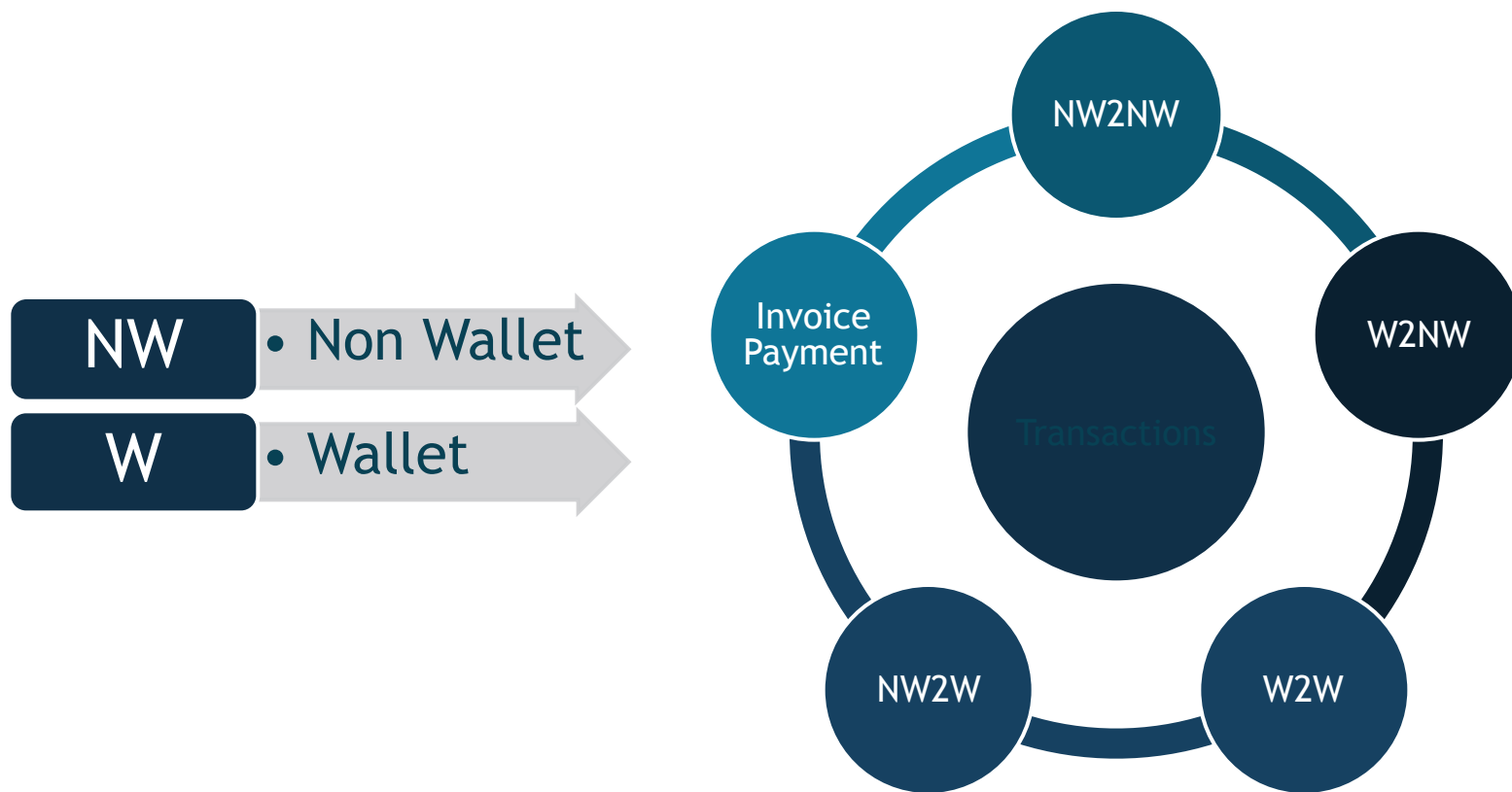
Digital Bank Solution
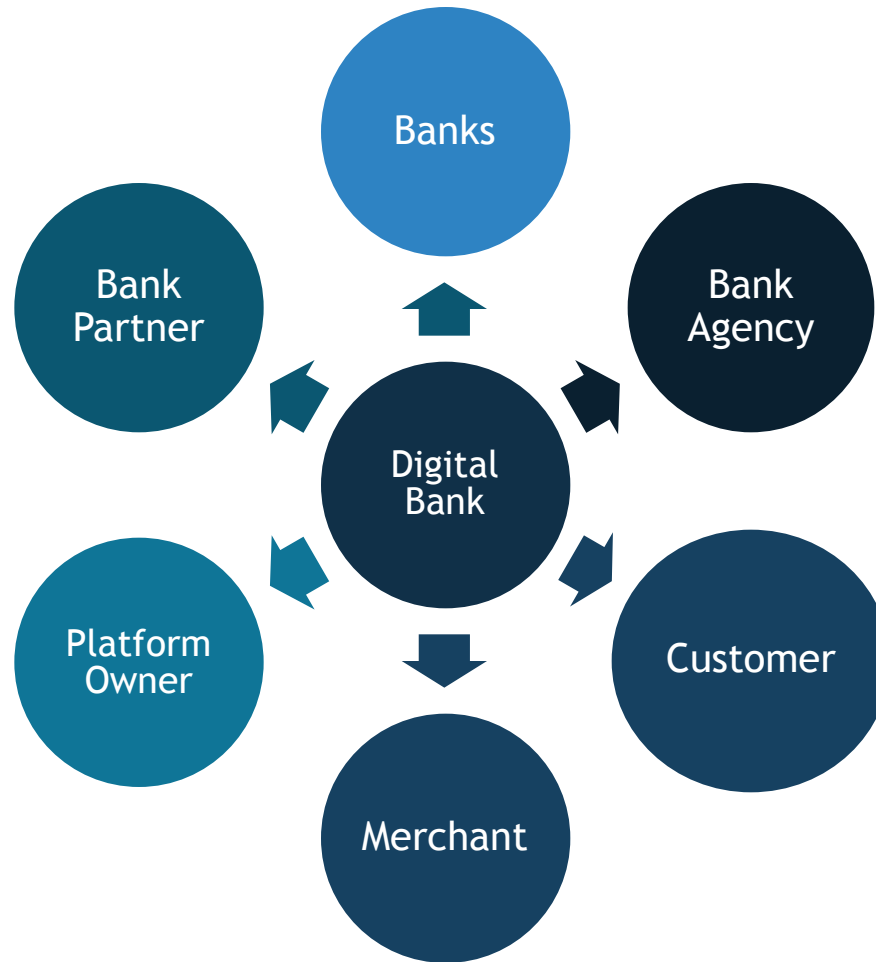
Banks Hierarchy

Different wallet Support
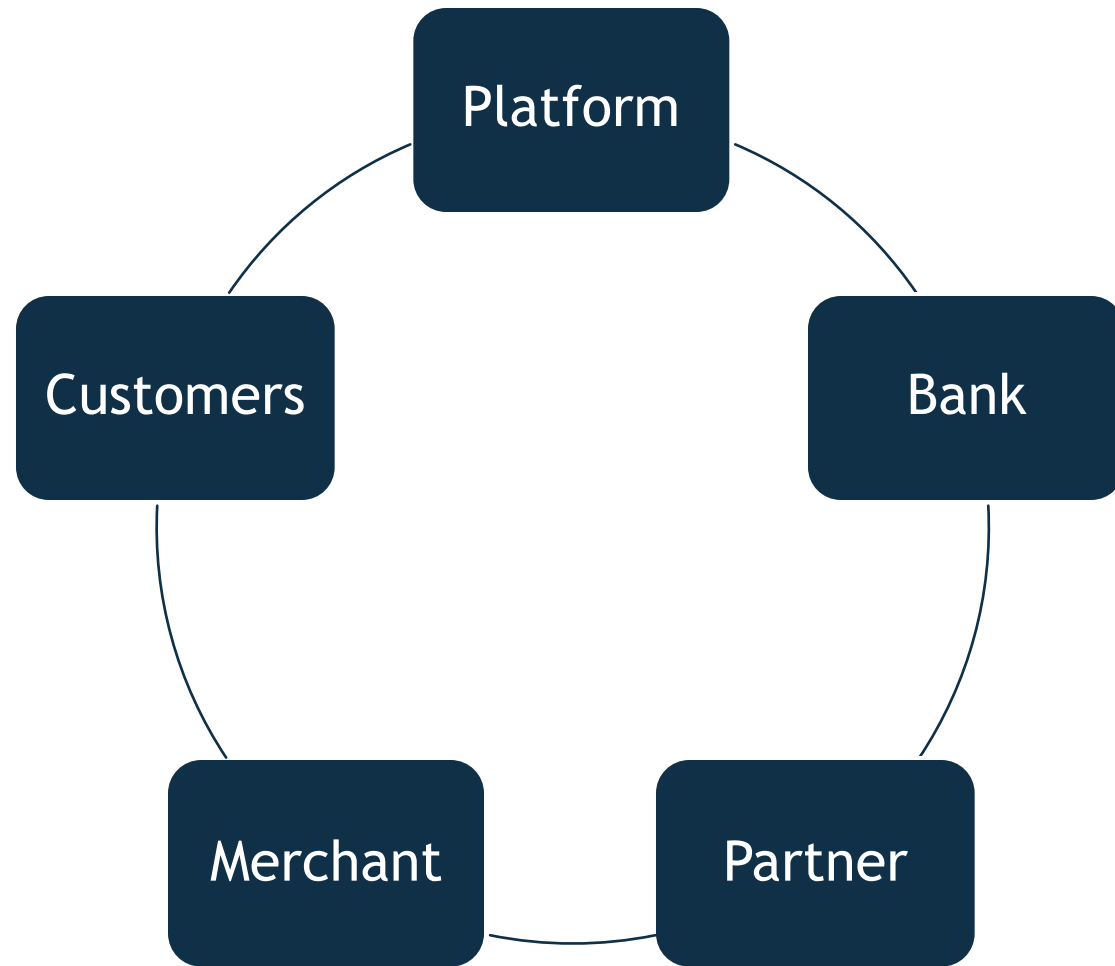
Master Wallet : For Normal wallet operation

Operational Wallet:To execute all cash based transaction

Escrow Wallet: To store intermediate payments

Transaction Support

NW
- Non Wallet

W
- Wallet

NW2NW

W2NW

Invoice Payment

Transactions

NW2W

W2W

Stakeholders

Platform

▶ Create Bank Instance and Setting up various contract details

▶ Approving revenue sharing details

▶ Ensuring Bank guarantee from each bank add upload their Master Wallet.

▶ Setup Transaction Fees and commission Dynamically

▶ Verify Banks KYC Details

Banks

- Banks can create their Branch and Partner ecosystem
- Bank can create Merchant ecosystem
- Bank can create fee and commission and its sharing rule systems
- Enable non-Wallet to non-Wallet transaction
- Setting transaction limit for Partners
- Providing cash to branches for its daily operations

Merchant

▶ Create Invoice

▶ Upload Bulk Invoices

▶ Commission payment system to the Bank

▶ Dashboard having payment details

▶ Create zone office with Staff details

▶ Receive Invoice Payments

Partners

▶ Create Partner Branch

▶ Create Cashier and Position

▶ Cashier Execution flow

▶ Payments claim and send operation for end customer

▶ Verify end User KYC Details

Customer

▶ Create Account

▶ Upload documents for verification to activate wallet account

▶ Add Money to the wallet

▶ Send Money to other wallet holder

▶ Pay merchant bill from Wallet

▶ Pay Merchant Bill via QRcode.

▶ User Login Profile Management

▶ View Transaction History Details

▶ User can go to any partner Branch to upload wallet

Non-Wallet User

▶ Sender Visit the Nearest Branch

▶ Pay money with the details of Recipient

▶ Recipient gets claim code

▶ Claimer visits nearest Branch with ID proof provides the claim code

▶ Claim Branch after verification deliver cash to Claimer.

Value Addition

▶ Bank can be registered easily.

▶ User can send or receive money from any agency/Partner Branch of any Bank.

▶ User can pay their bills from anywhere

▶ Tracking of Payment is easy and secure.

▶ Transparency of payment there due to Blockchain.

▶ Bank can have their own Branding.

▶ End user can choose for which bank it wants to open Wallet

▶ Non-Banking users are also coming into the eco-system of Bank.

Revenue Model
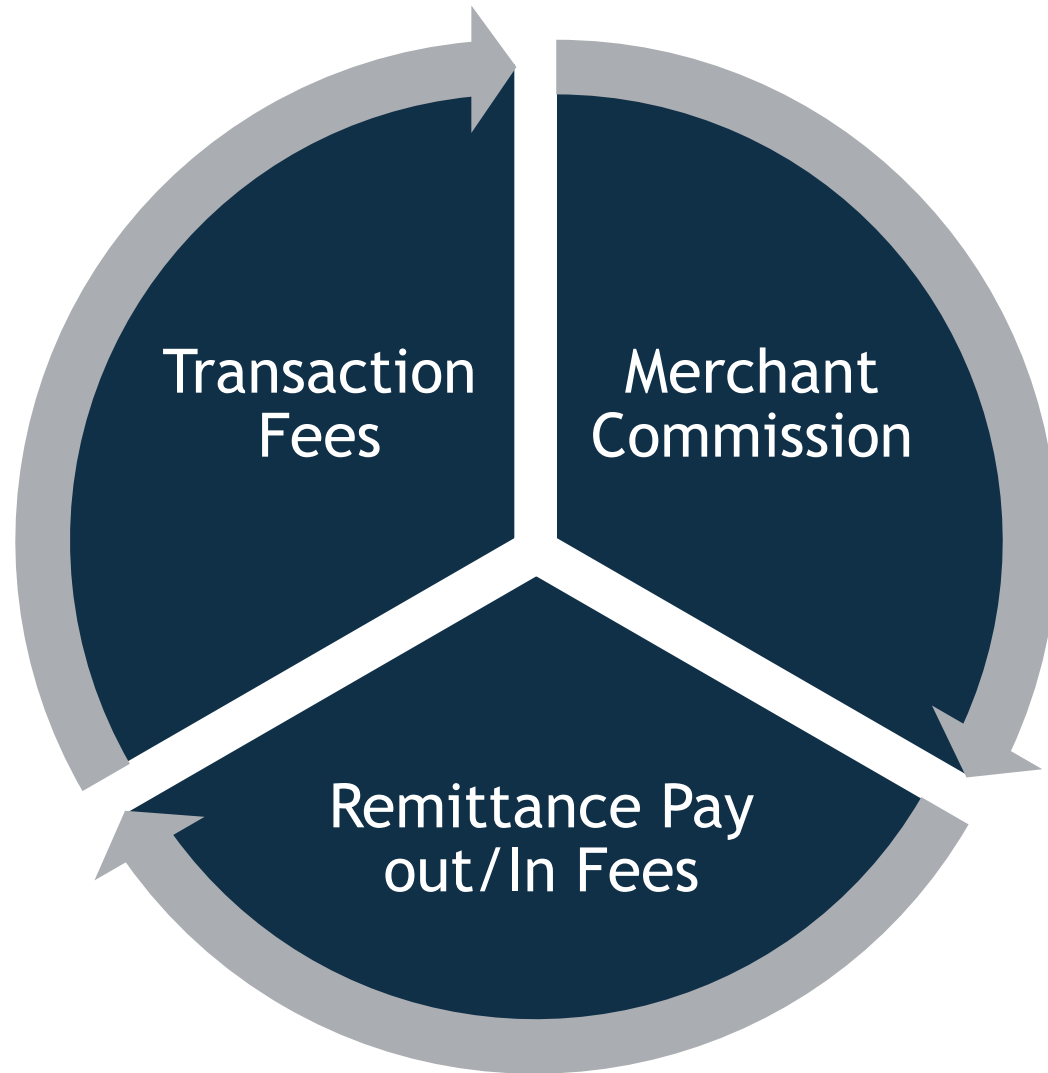
Benefits for Bank

Upgrade itself to new Banking System without much hassle

Compete with Challenger Bank/Neo Bank

Can Open their Digital Branch without much Investment

This will result with increased Customer Retentions and Referrals

Users will enjoy the seamless platform and its convenience.

Can easily create partner eco-system

Thanks