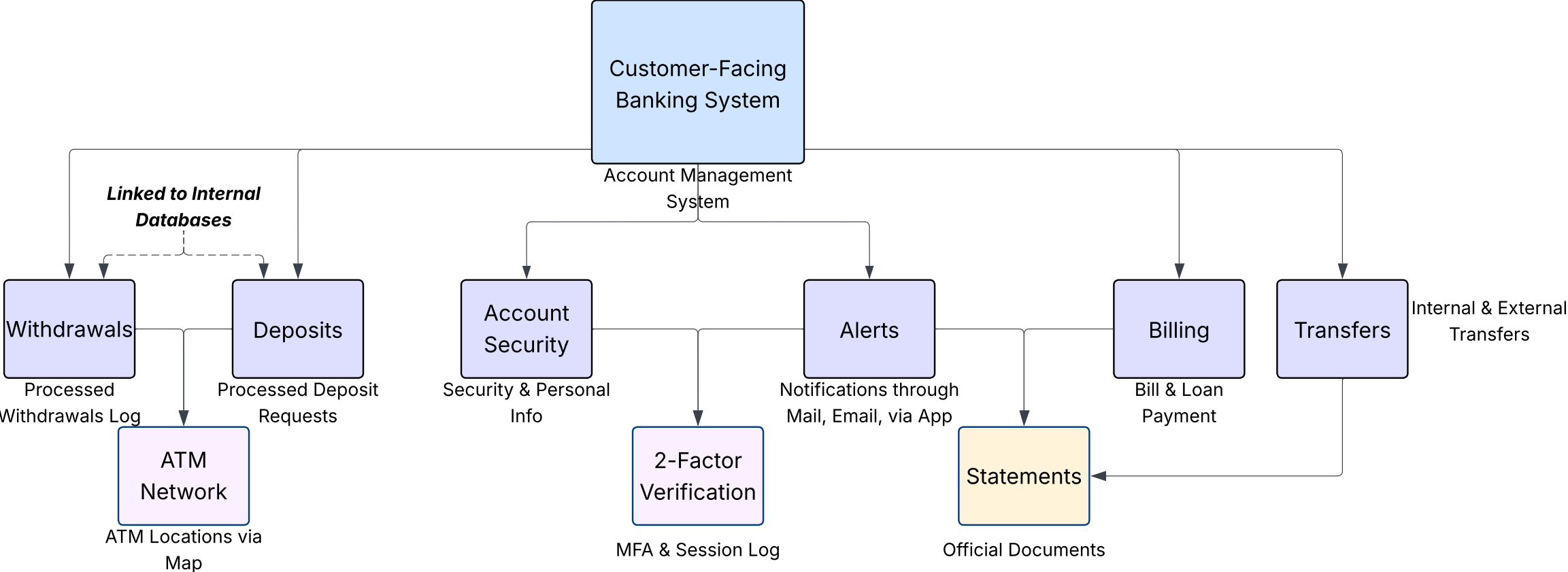# Customer-Facing Banking System Module Design

Customer-Facing Banking System Module Design

By *Momen Suliman*

Diagram information

This diagram shows the interconnected modules of a customer facing banking system, focusing on account security, transaction processes, and account management. Key components include account security, withdrawals, deposits, account management, and notifications. The diagram shows how these modules interact with internal databases, ATM networks, and other services like billing and transfers.

Module design Diagram Flow

1. Ensure Account Security is integrated with 2-Factor Verification.
2. Manage Deposits & Withdrawals through an ATM Network.
3. Deposits & Withdrawals are logged to Internal Databases.
    3.1. Verify database linkage.
    3.2. Process Deposits & Withdrawals requests.
4. Conduct Account Management:
    4.1. Oversee Deposits & Withdrawals.
    4.2. Handle Deposits requests.
    4.3. Set up Alerts.
    4.4. Maintain Account Security via MFA.
    4.5. Manage Billing.
    4.6. Facilitate Transfers.
5. Finally the customer would be able to request a statement in-person or through the mobile app.