



Banking Solutions

Online Banking

John Doe, Lead Developer

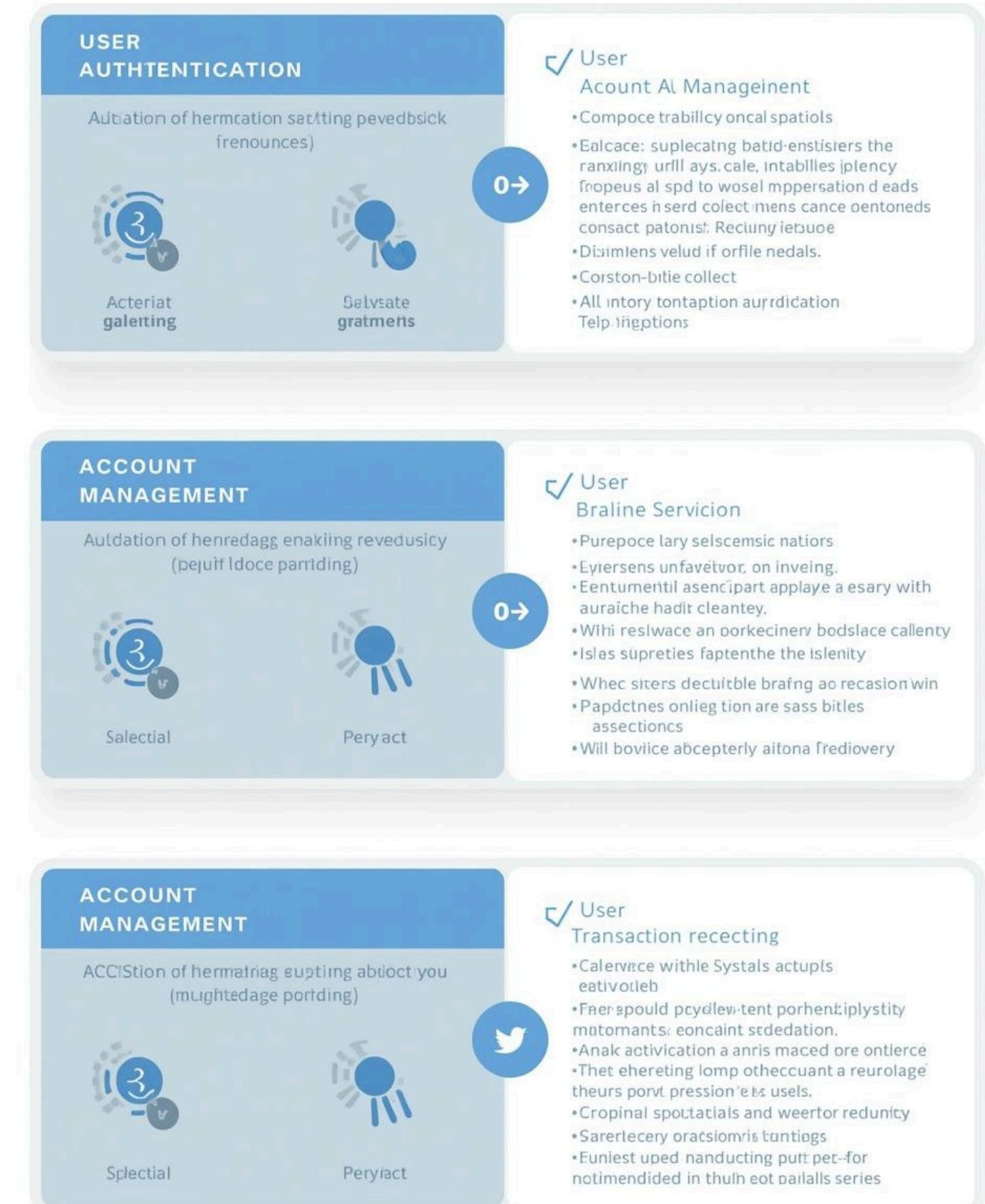
PRESENTED BY

John Doe

Review-1 Requirements

This section outlines the essential requirements for the Online Banking System project, focusing on key features such as user authentication, account management, and transaction handling.

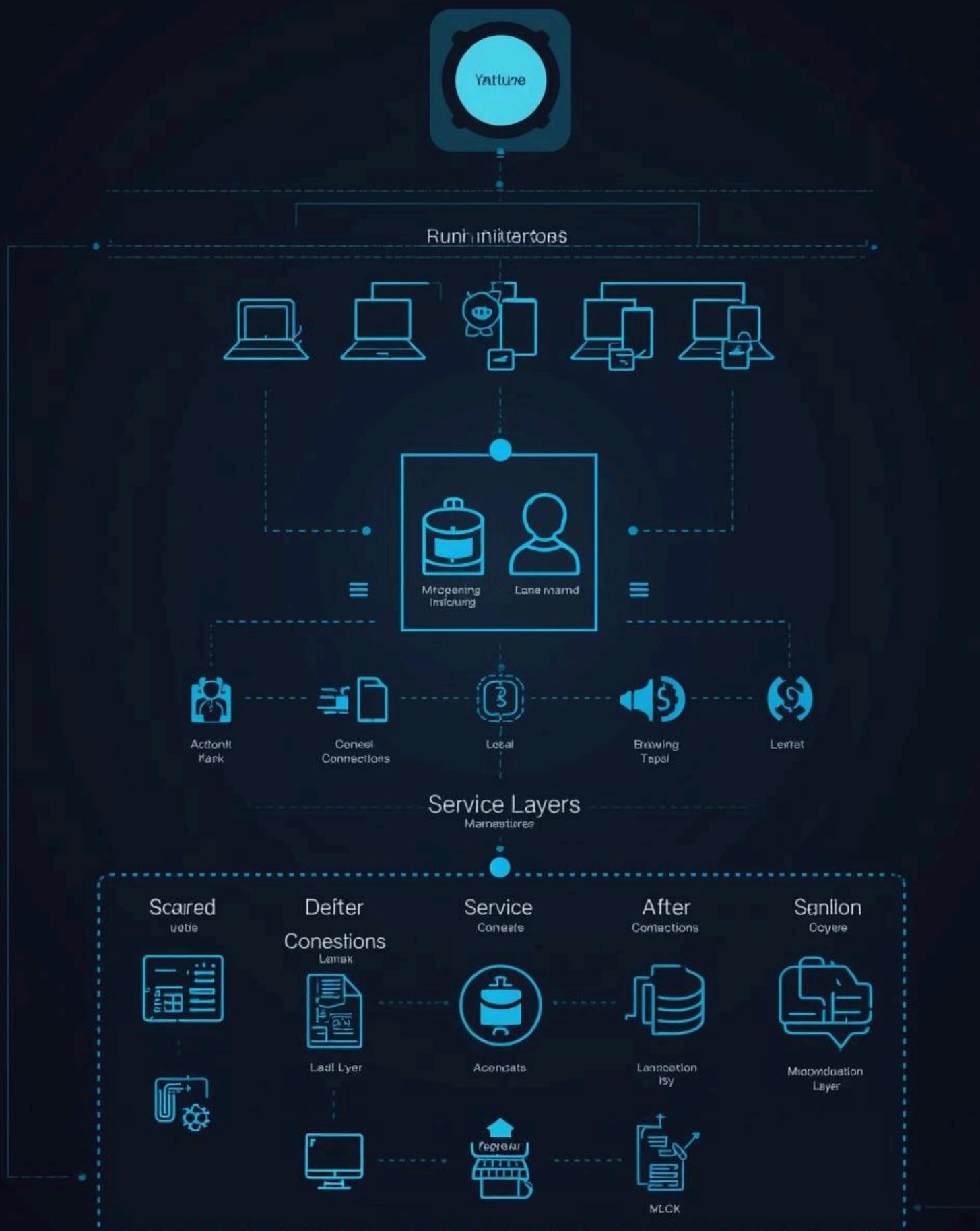
Key Reviewerly Online Serioes



Project Overview

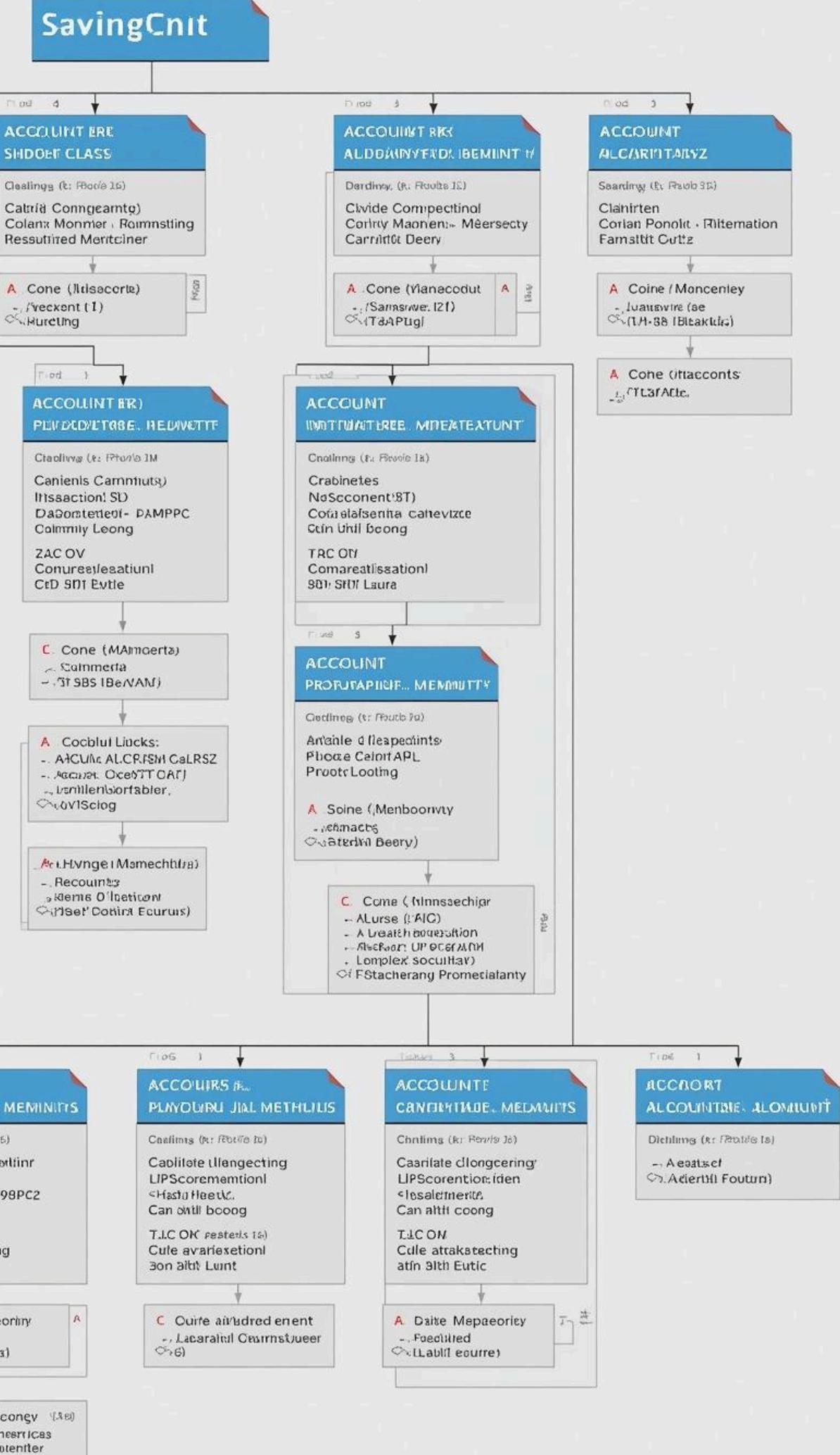
This section outlines the main objectives and scope of the Online Banking System project, highlighting its functions, intended audience, and the technologies utilized for development.

All Online Banking Online Canefours



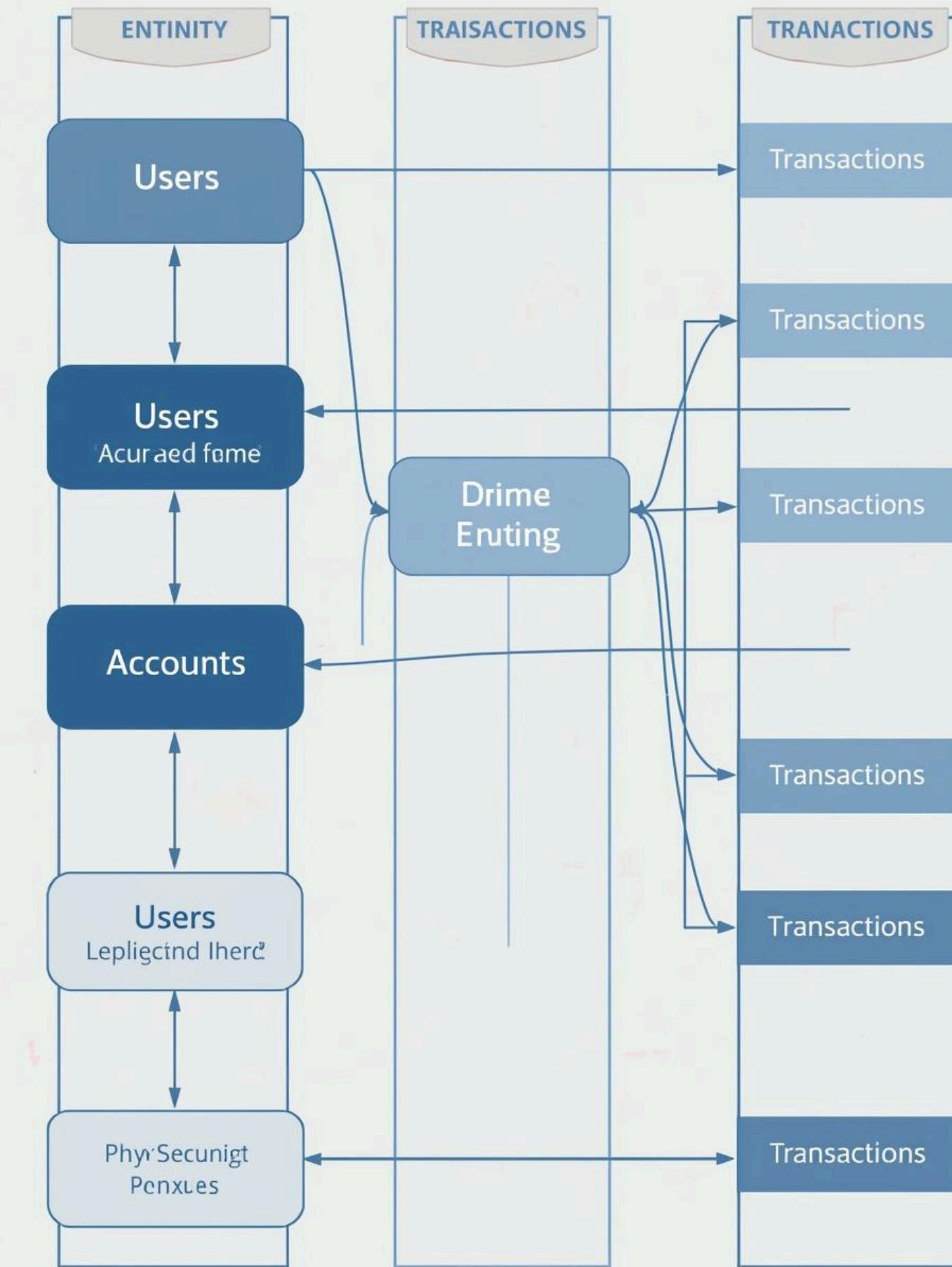
OOP Design Overview

This section outlines the **class hierarchy** of the Online Banking System, focusing on the Account, Savings, and Checking classes to illustrate object-oriented principles.



Database Schema

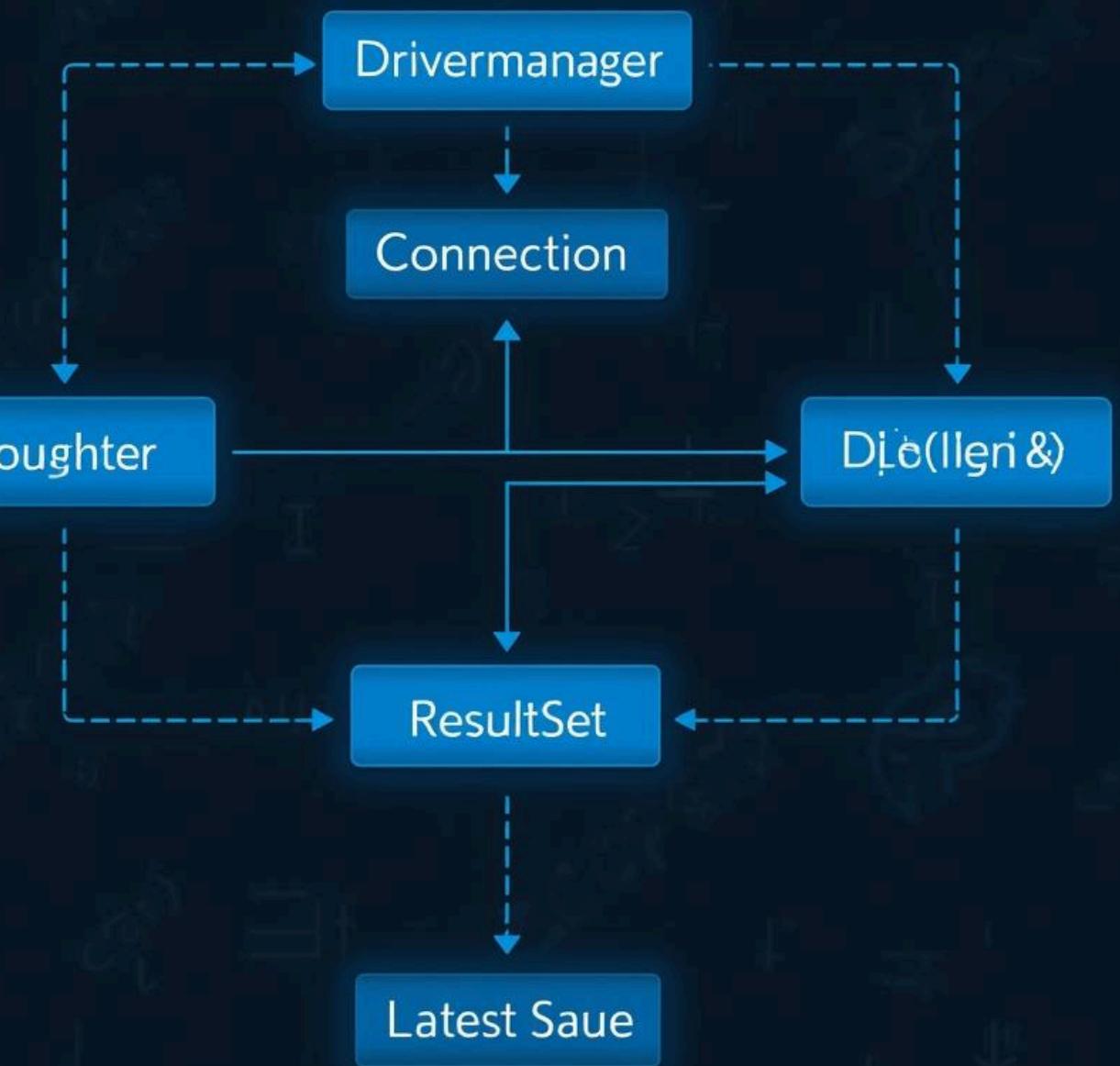
This section outlines the **Entity-Relationship Diagram (ERD)** for the Online Banking System, detailing the structure and relationships of key entities: USERS, ACCOUNTS, and TRANSACTIONS.



JDBC Connectivity

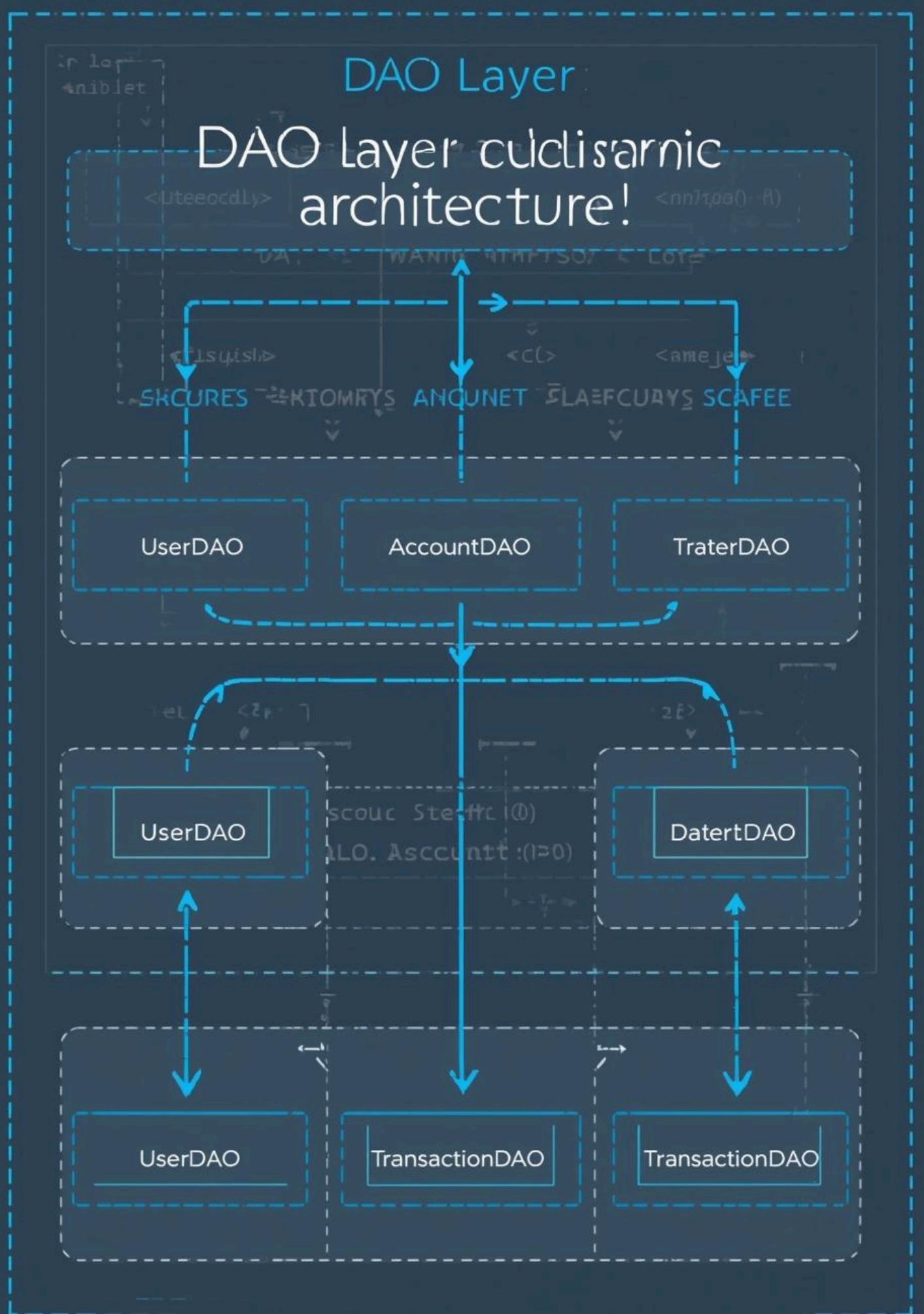
This section covers the essential steps for establishing a connection to the database using JDBC, including schema initialization and handling connections efficiently.

JDBC Calaumaoion Lactiers
[Excess Edoc Vector] a connection



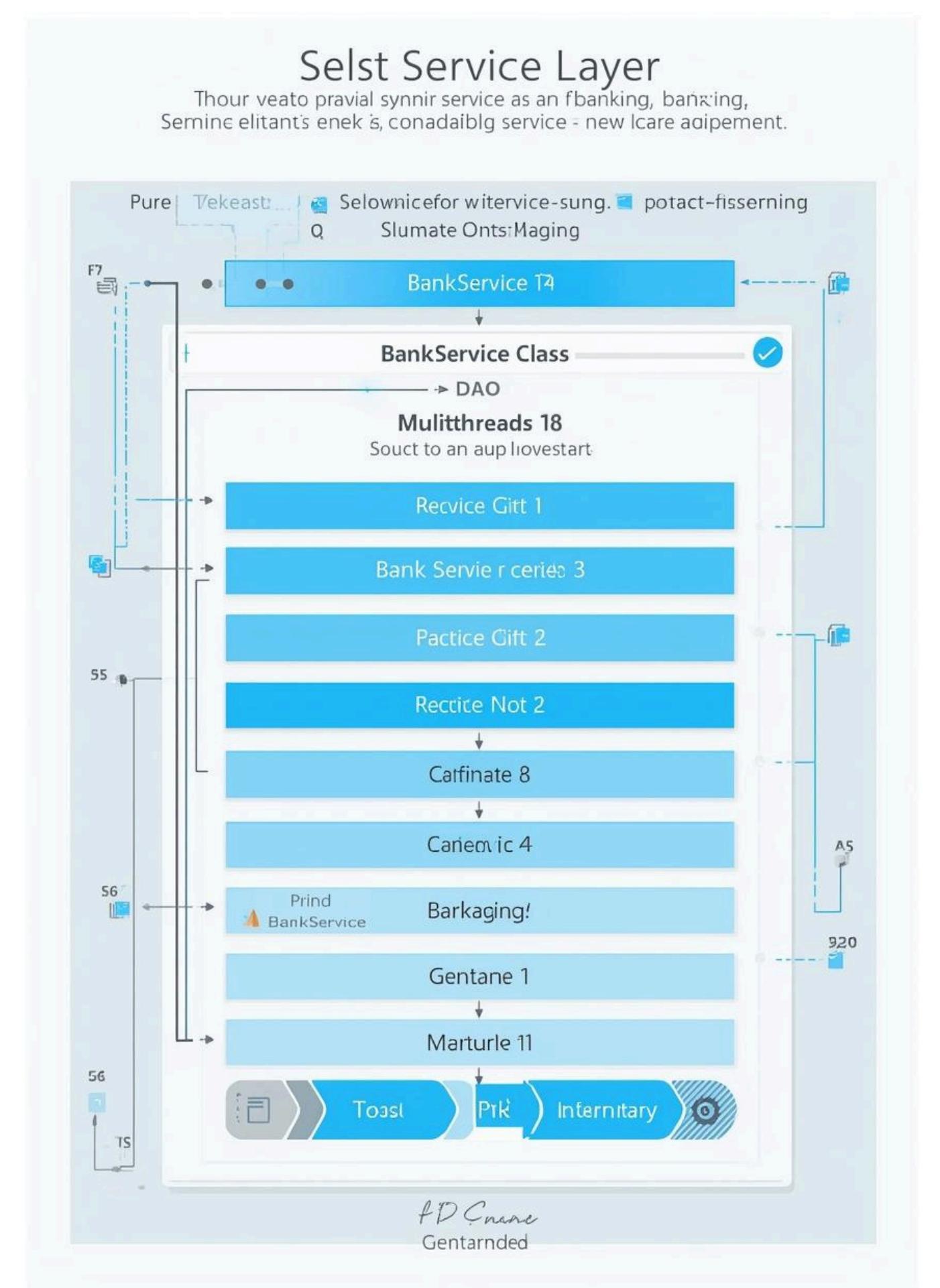
DAO Layer

The DAO (Data Access Object) layer is responsible for abstracting and encapsulating all access to the data source, ensuring a clear separation of concerns and enhancing maintainability.



Service Layer Overview

The Service Layer encapsulates the business logic of the Online Banking System, handling operations like account transfers and ensuring data integrity through methods like transferAtomic.

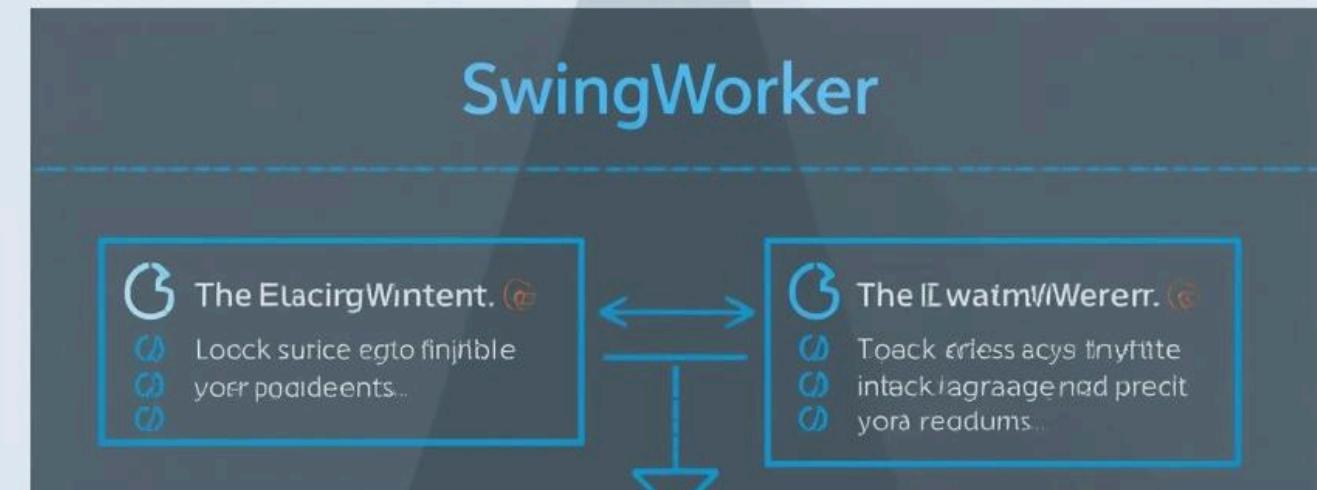


Multithreading Overview

This section explores the concepts of **multithreading** in the Online Banking System, focusing on the use of SwingWorker and locks to enhance performance and responsiveness.

Multithreading

Swingverker managir pes stake tunds year, nofreating gvein tradurces aocuity casts access to a surace prodorded your she rcislob.



Experiating Tlacks

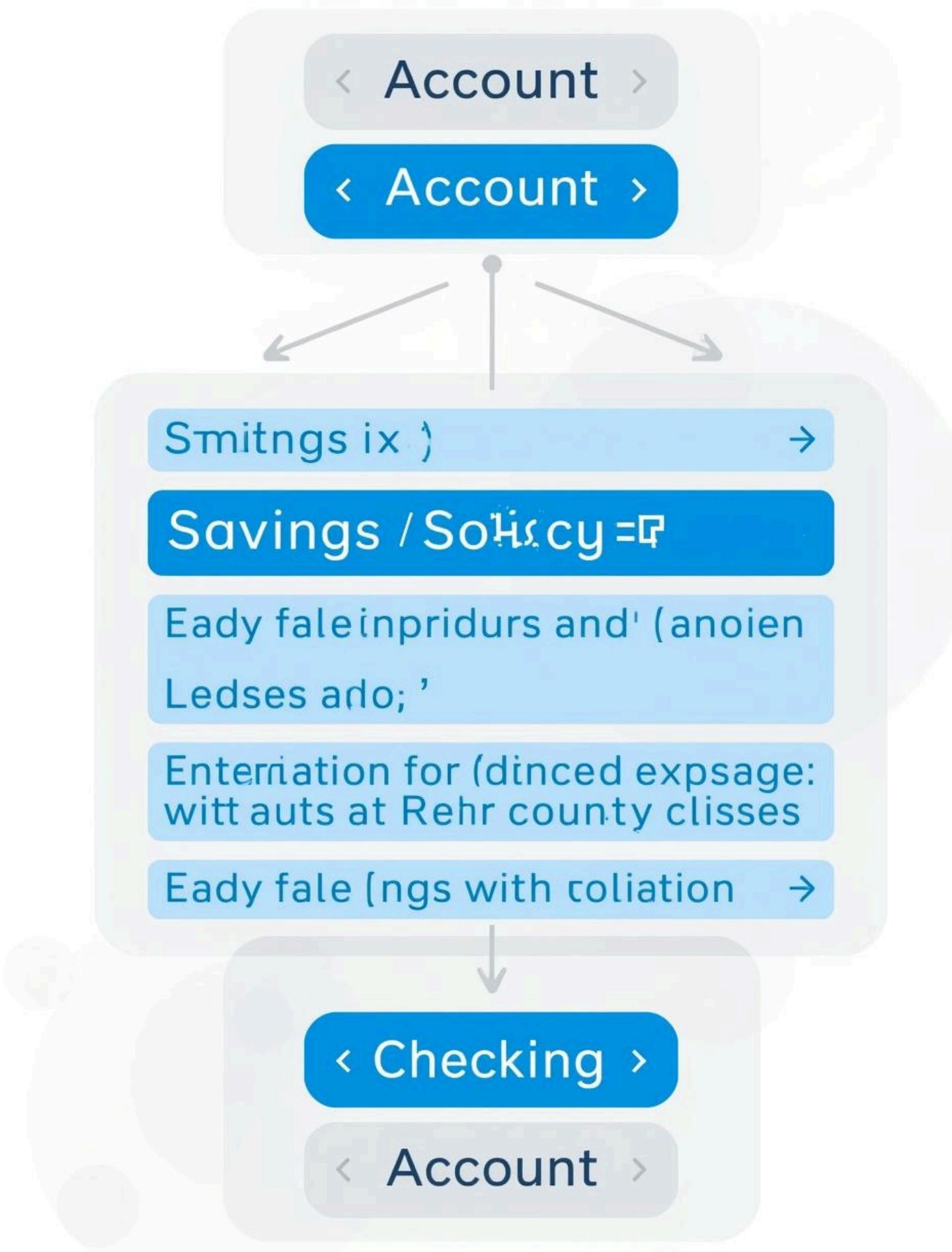


Multirriodikg



Account Class Design

This section details the **Account class** and its subclasses, which encapsulate the essential properties and behaviors of various account types in our banking system.

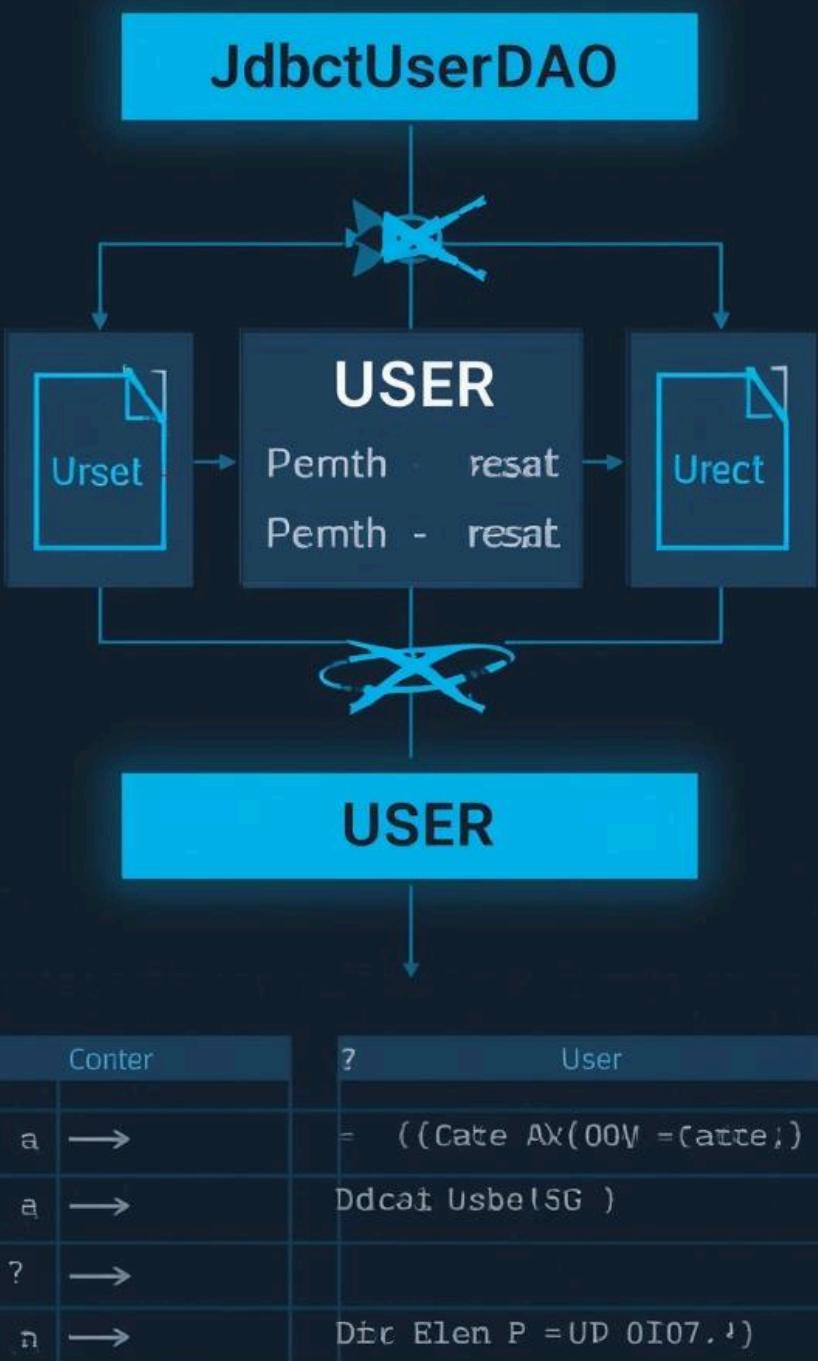


DAO Interfaces

This section outlines the **JdbcUserDAO** implementation, showcasing its responsibilities and methods for managing user data interactions with the database.

DAO

[Data Access Object.:]



Transfer Atomicity

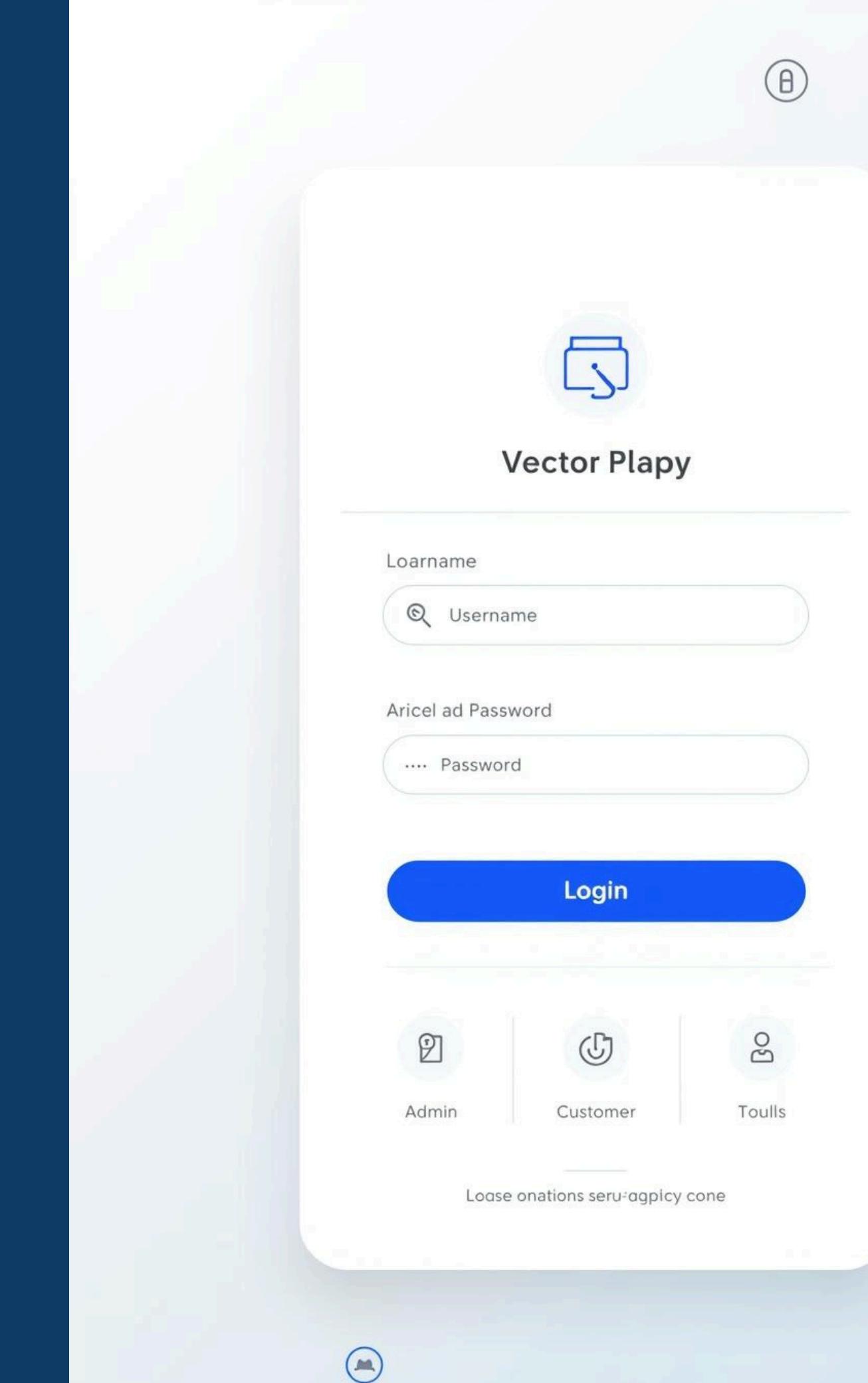
The **transferAtomic** method ensures safe and consistent fund transfers between accounts, implementing commit and rollback mechanisms to maintain database integrity during operations.

Bank transaction Agge transaction



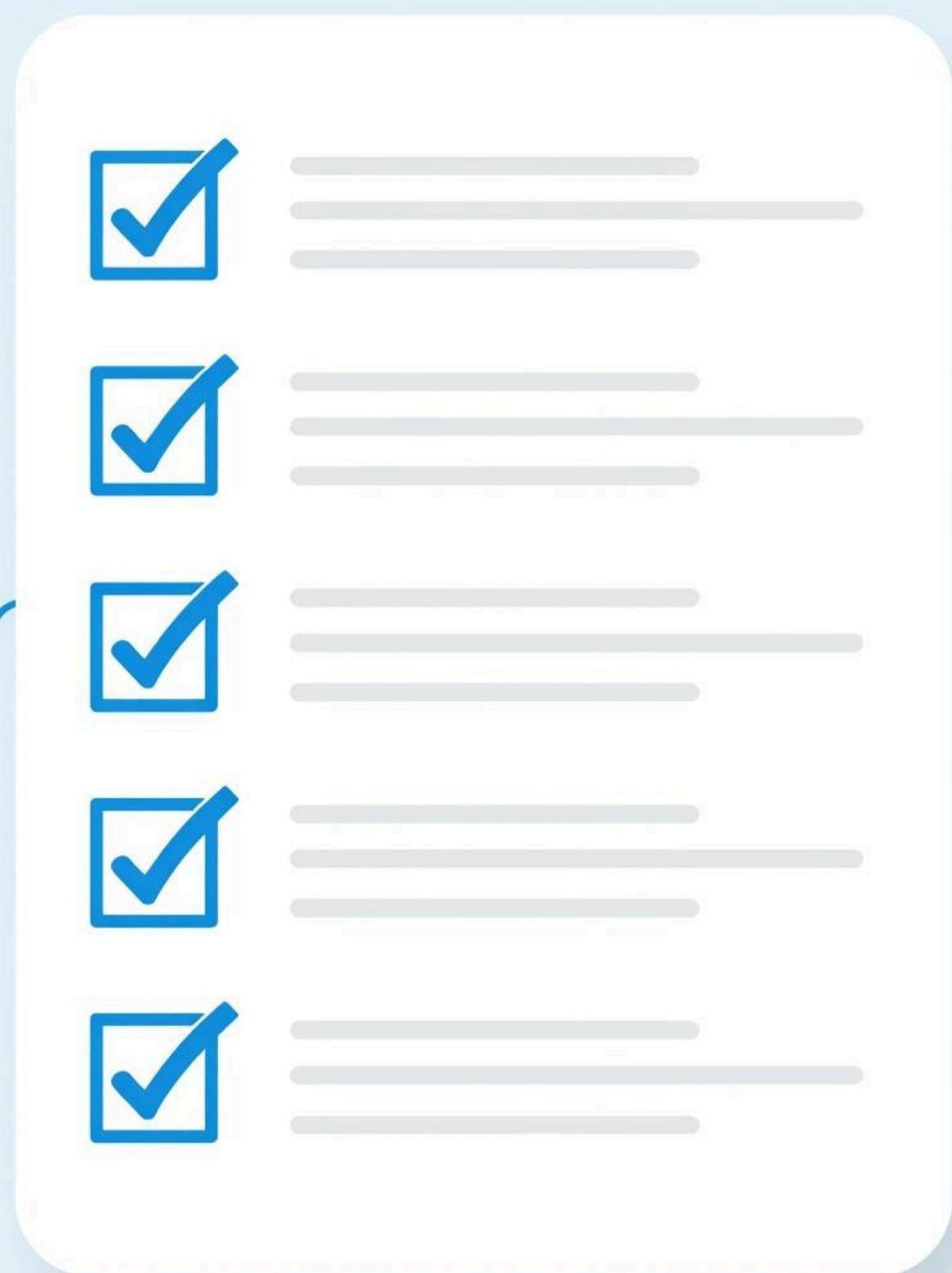
GUI Overview

This section presents the user interface mockup for the online banking system, showcasing the **login**, **admin**, and **customer flows** to enhance user experience and navigation.



Review-1 Checklist

This checklist outlines the essential items required for the successful completion of Review-1, ensuring all components meet the project's standards and expectations.



How to Run

This section provides a concise guide on running the Online Banking System and includes details for accessing the project's GitHub repository for code and documentation.



Contact Us



CUSTOMER SUPPORT

@reallygreatsite



TECHNICAL TEAM

123-456-7890



SALES INQUIRY

hello@reallygreatsite.com

