



# REVPAY

Revolutionizing business transactions

MAY 2023



# About us

- We are an online banking application which provides users a top-notch and secure platform to carry out financial transactions.
- It provides all major services a user demands such as from pay bills, making purchases online to invest in valuable assets.

# WHY US?

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- We provide our users with a comprehensive and secure platform for managing their finances.
- It improves the customer experience by simplifying financial transactions while maintaining backup in database.
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- It also encourages users to keep their liquid assets invested in material assets to tackle money devaluation by providing investment options.

# FUNCTIONAL REQUIREMENTS

**01**

•User registration and login

**02**

•Funds transfer

**03**

•Bill payment

**04**

•Asset investment

**05**

-ACCOUNT BALANCE AND TRANSACTION HISTORY

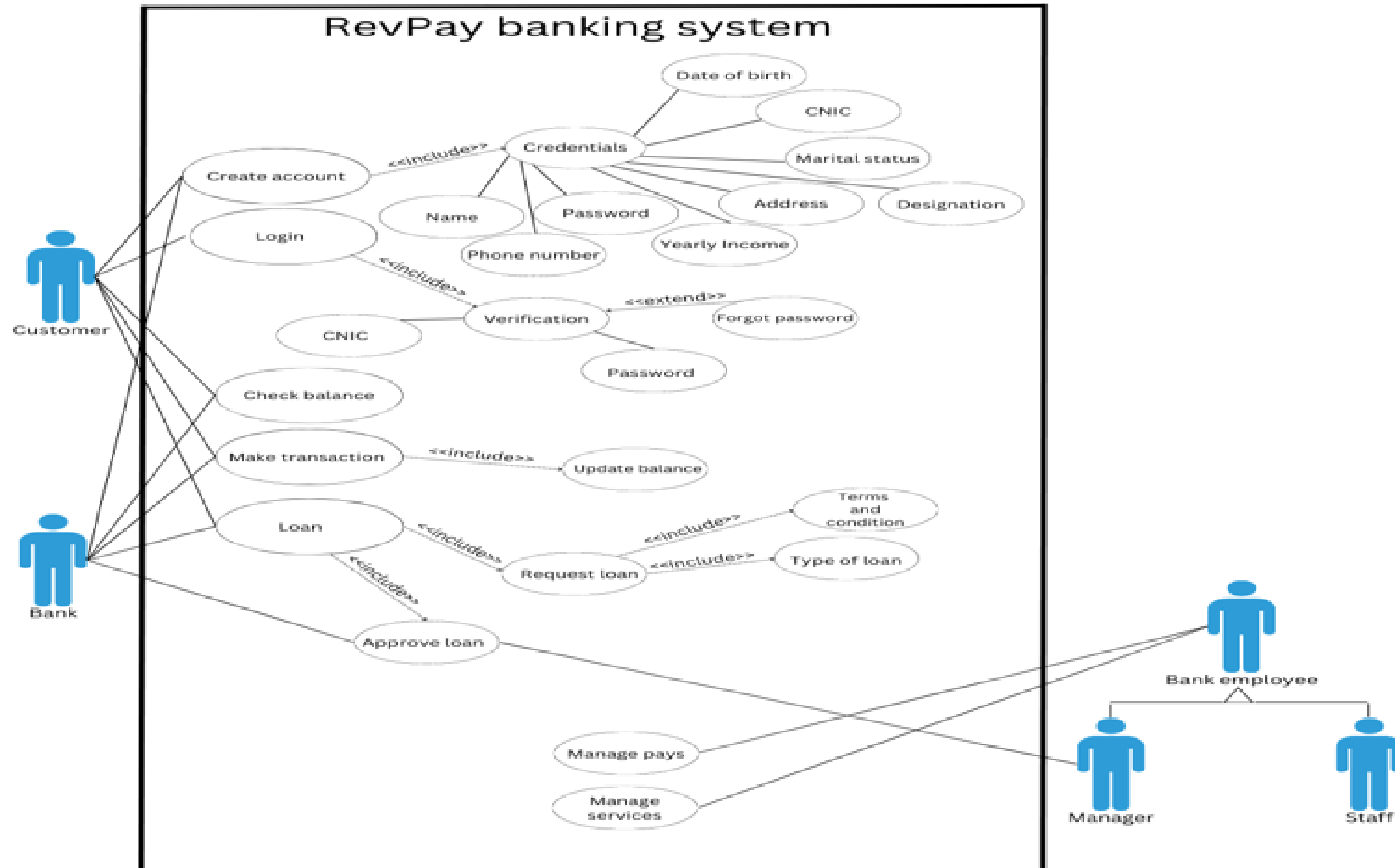
**06**

Notifications and alerts

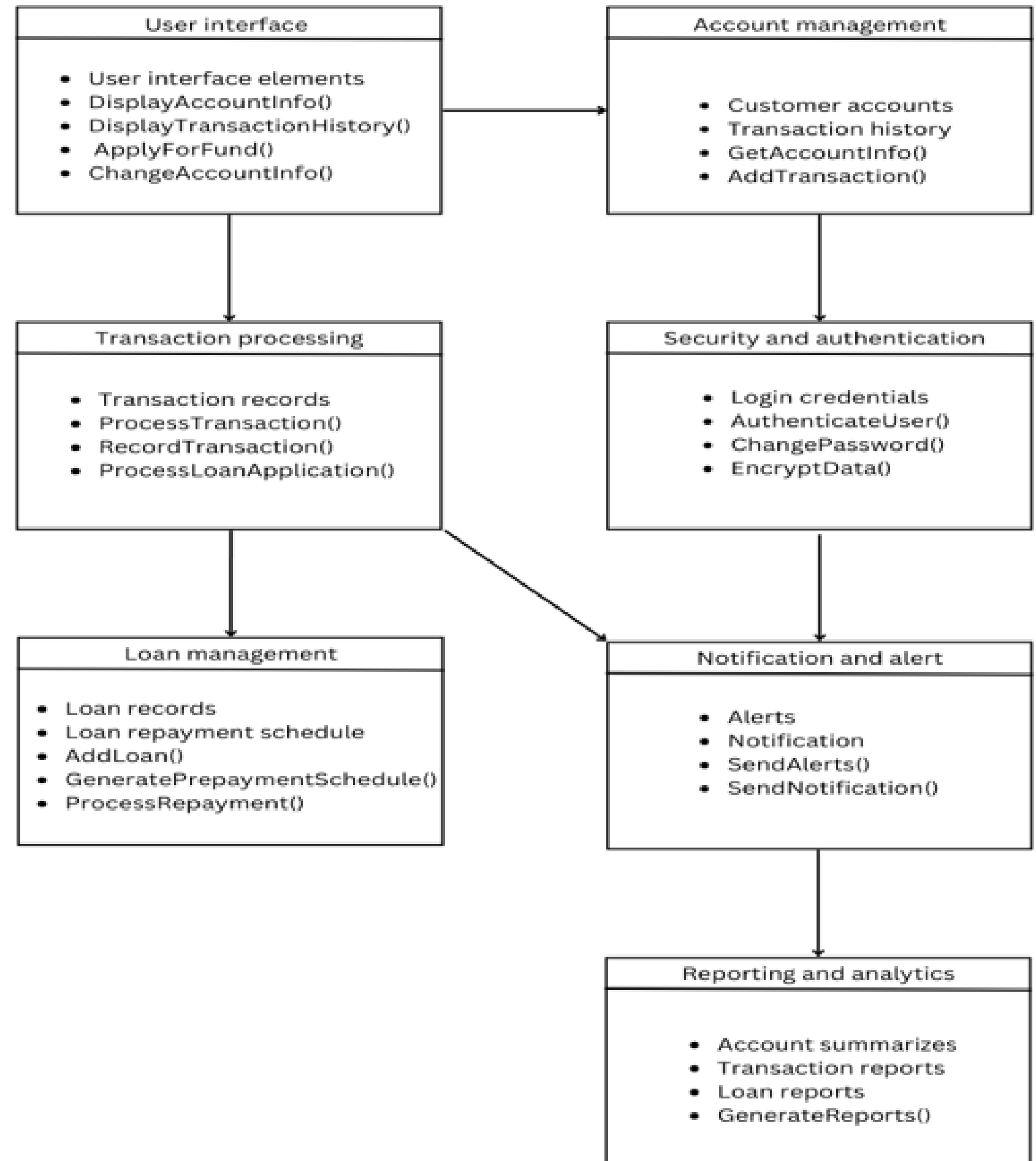
# Non functional Requirements

- Performance requirements: Response time, concurrent users and data security.
- Availability requirements: System uptime, disaster recovery and monitoring.
- Reliability requirements: Error handling and data backup.
- Usability requirements: Accessibility and customizability.
- Maintainability requirements: Code quality and testing.
- Portability requirements: Platform, device and browser compatibility.
- Security requirements: Authentication, encryption and authorization.
- Scalability requirements: Database stability, caching and queueing.

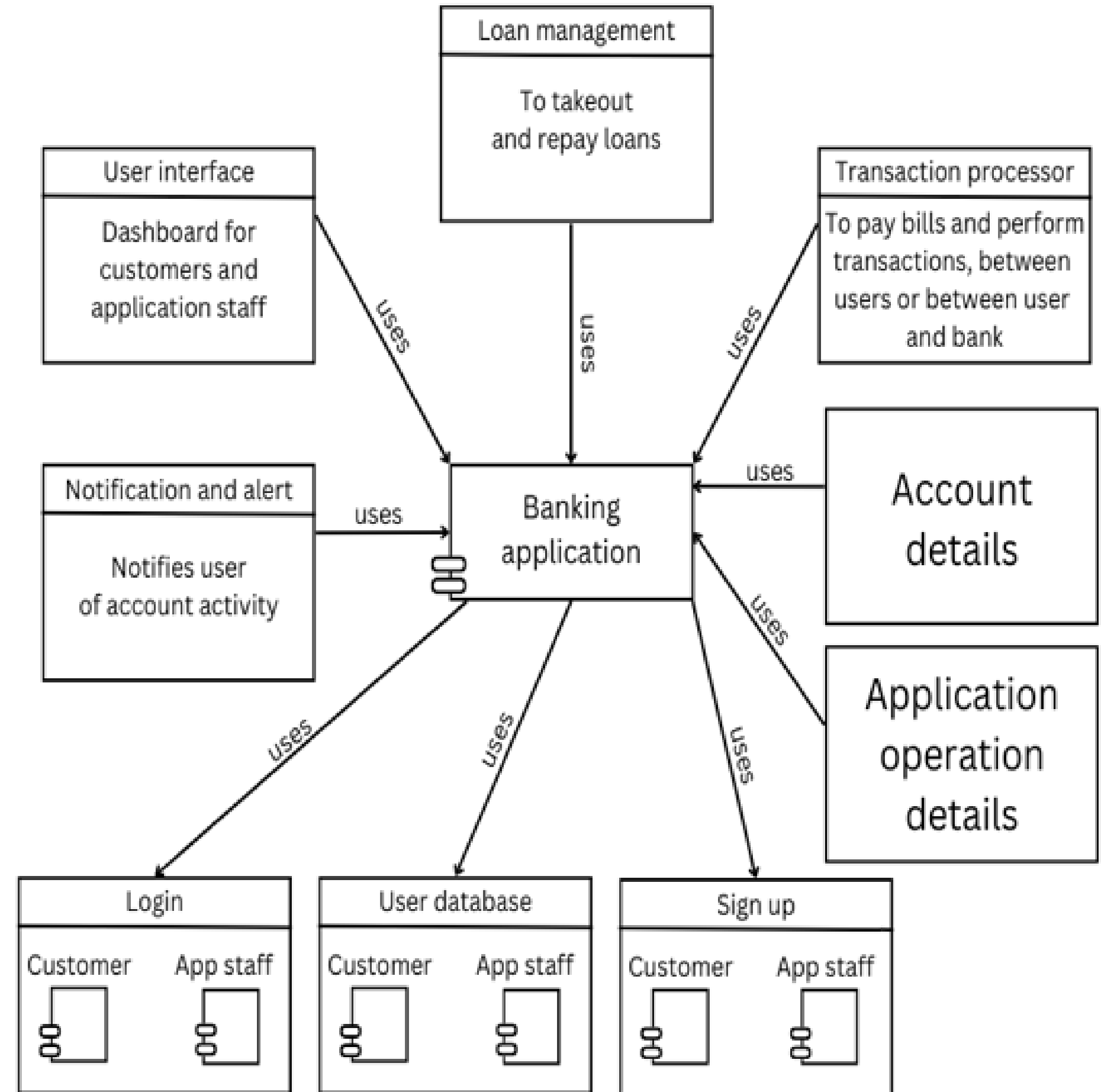
# USE CASE



# LOGICAL VIEW: CLASS DIAGRAM

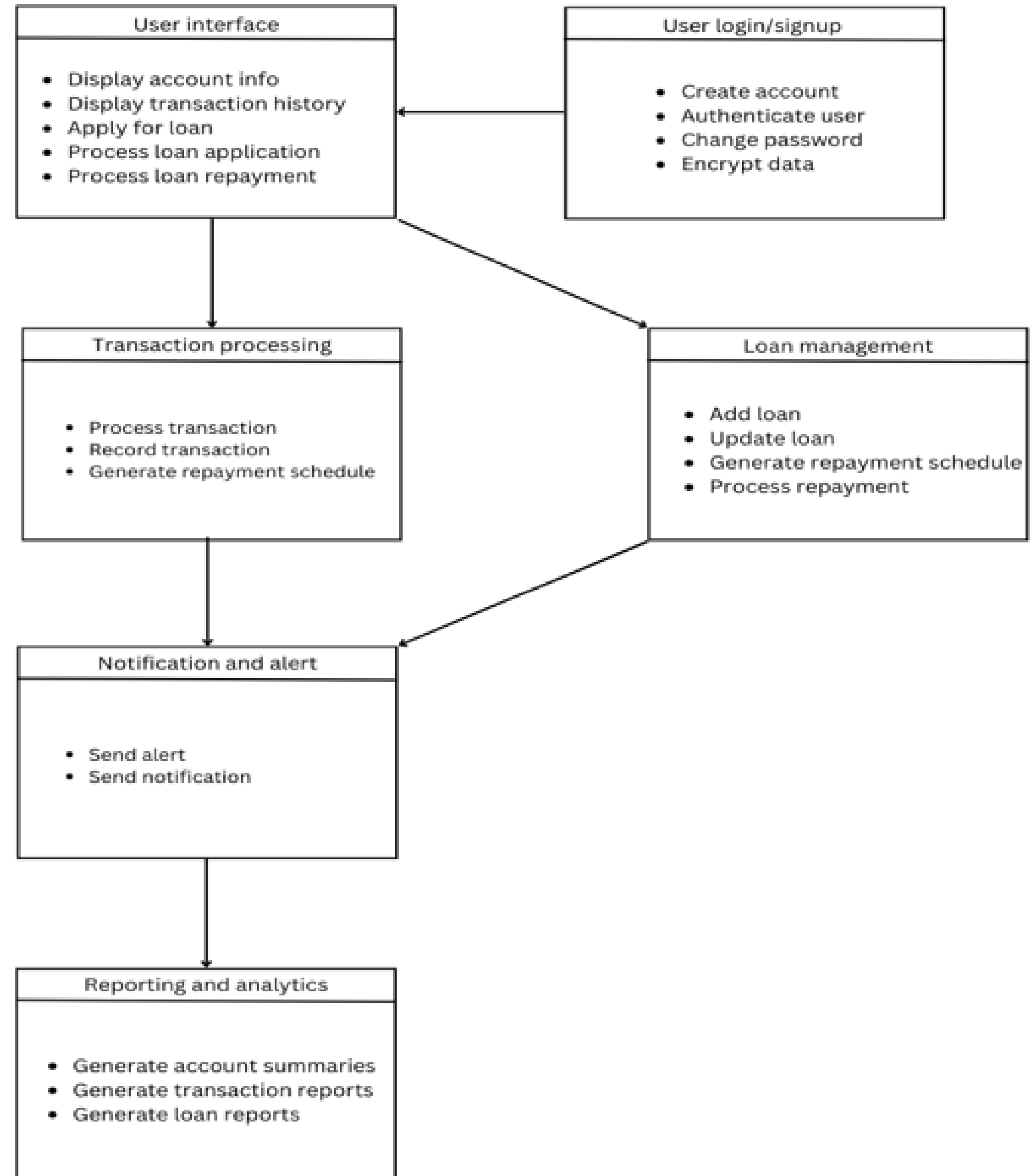


# Development view: Component Diagram

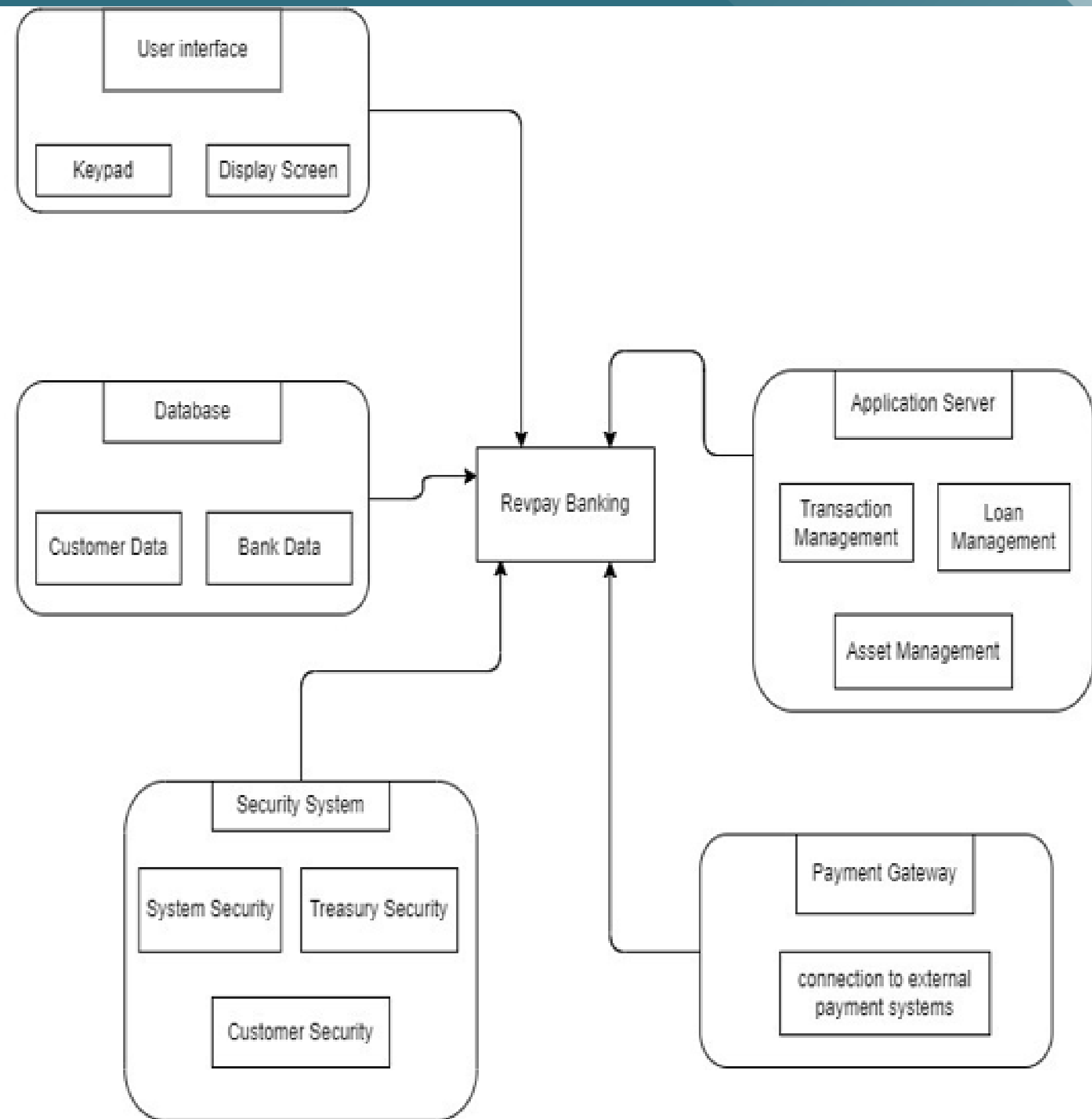




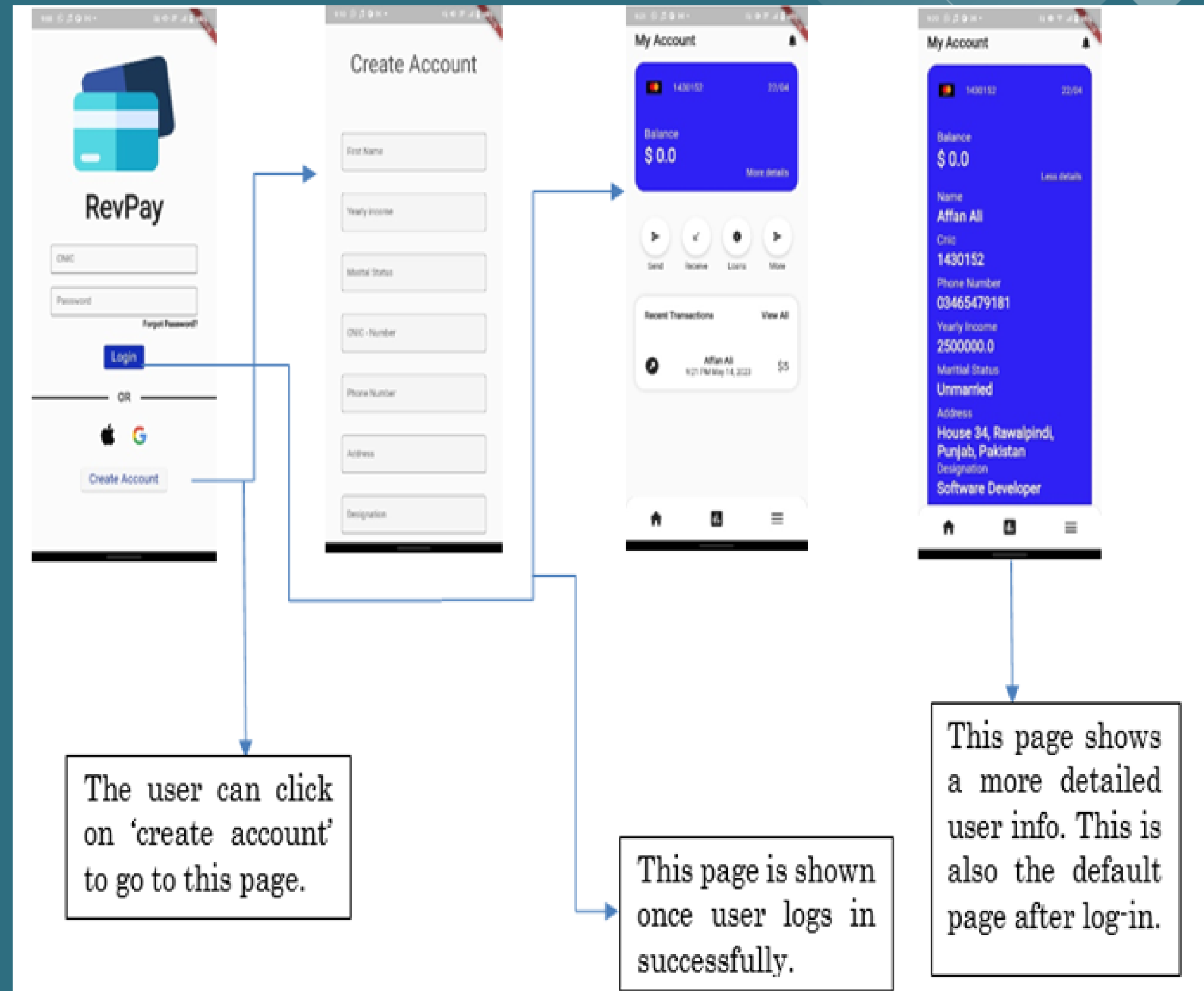
# Process View: Sequence Diagram



# Physical view: Block Diagram

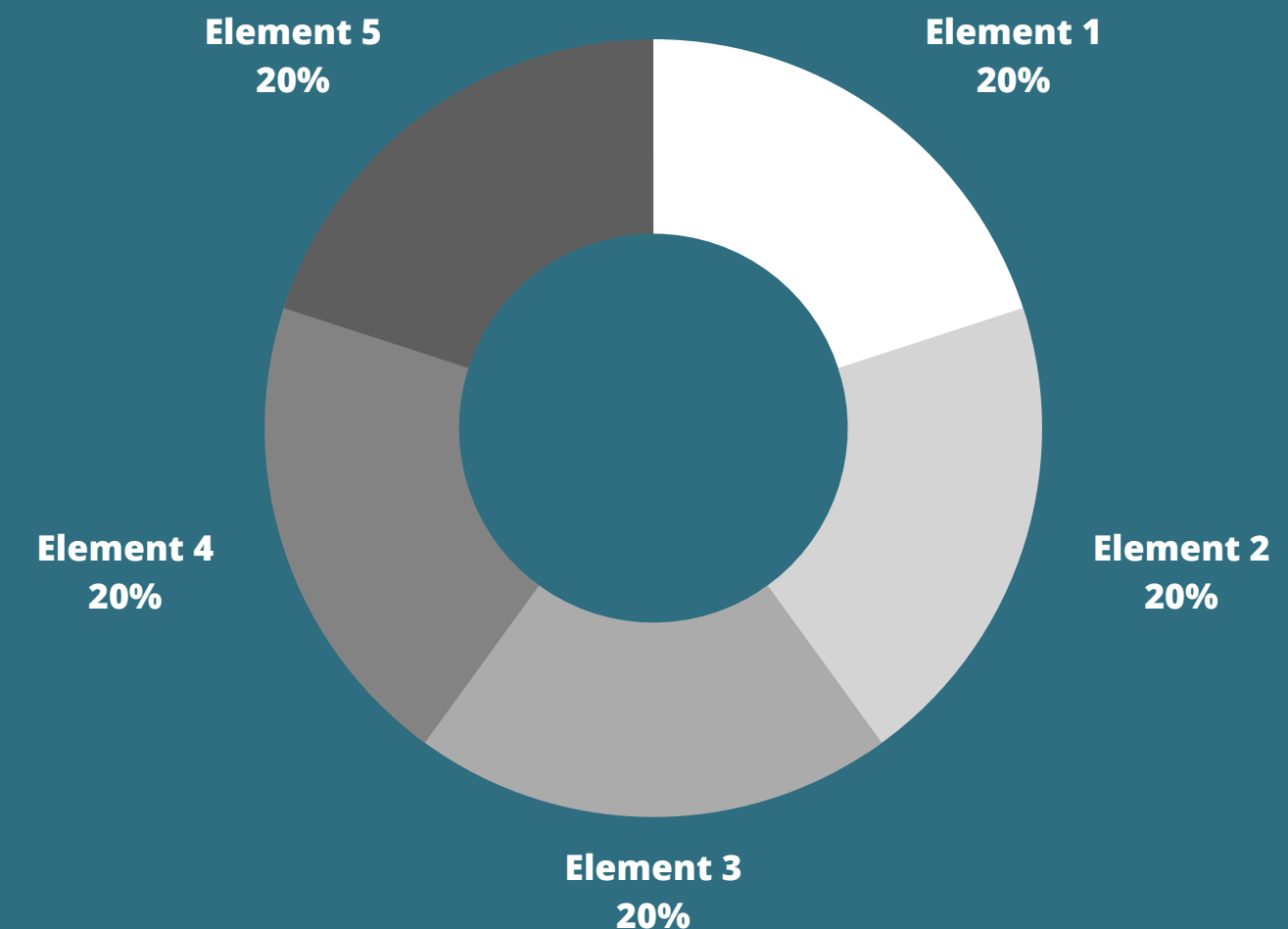


# User Interface Diagram



# Our Progress so far

- Front-end is 70% complete.
- Application is connected with database.
- Password verification is successful through database.
- Information and balance is working successfully.
- Transaction processing together with loan application running.





# CONCLUSION

- Basic functional application is ready.
  - Plan to integrate payment processing system
  - Goal to enable users to trade assets and commodities thru our platform.
- Achieve high level security in our platform



**THANK  
YOU**