



DIGITAL WALLET

Service

Safe Banking

Help & Support

Contact

Login

Sign Up

# DIGITAL WALLET

J2EE PROJECT

Learn More 



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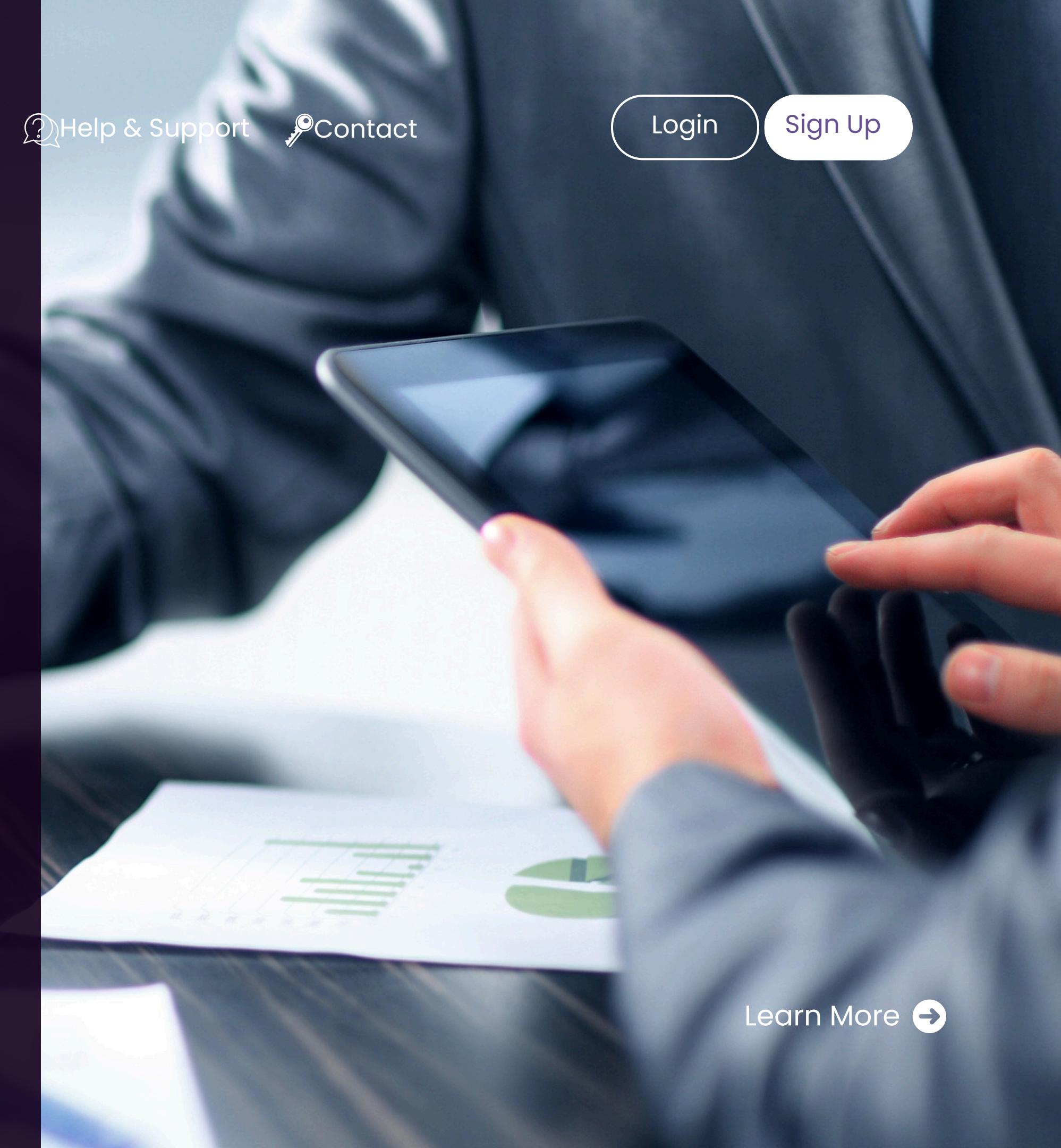
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# Introduction

- Our project is a comprehensive digital banking system built using J2EE and MySQL
- It streamlines banking by digitizing account management, transactions, and support.
- Combining a user-friendly interface with secure processing, the system enables convenient banking for customers and efficient operations for staff.



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# OBJECTIVES

- To provide secure and convenient banking.
- To support customer query
- To Efficiently manage customers



## **Manage Accounts**

Open, close, and maintain account securely.

## **Transaction Processing**

Enable withdrawals, and transfers within the account.

## **Customer Support**

Offer assistance for inquiries related to account services.

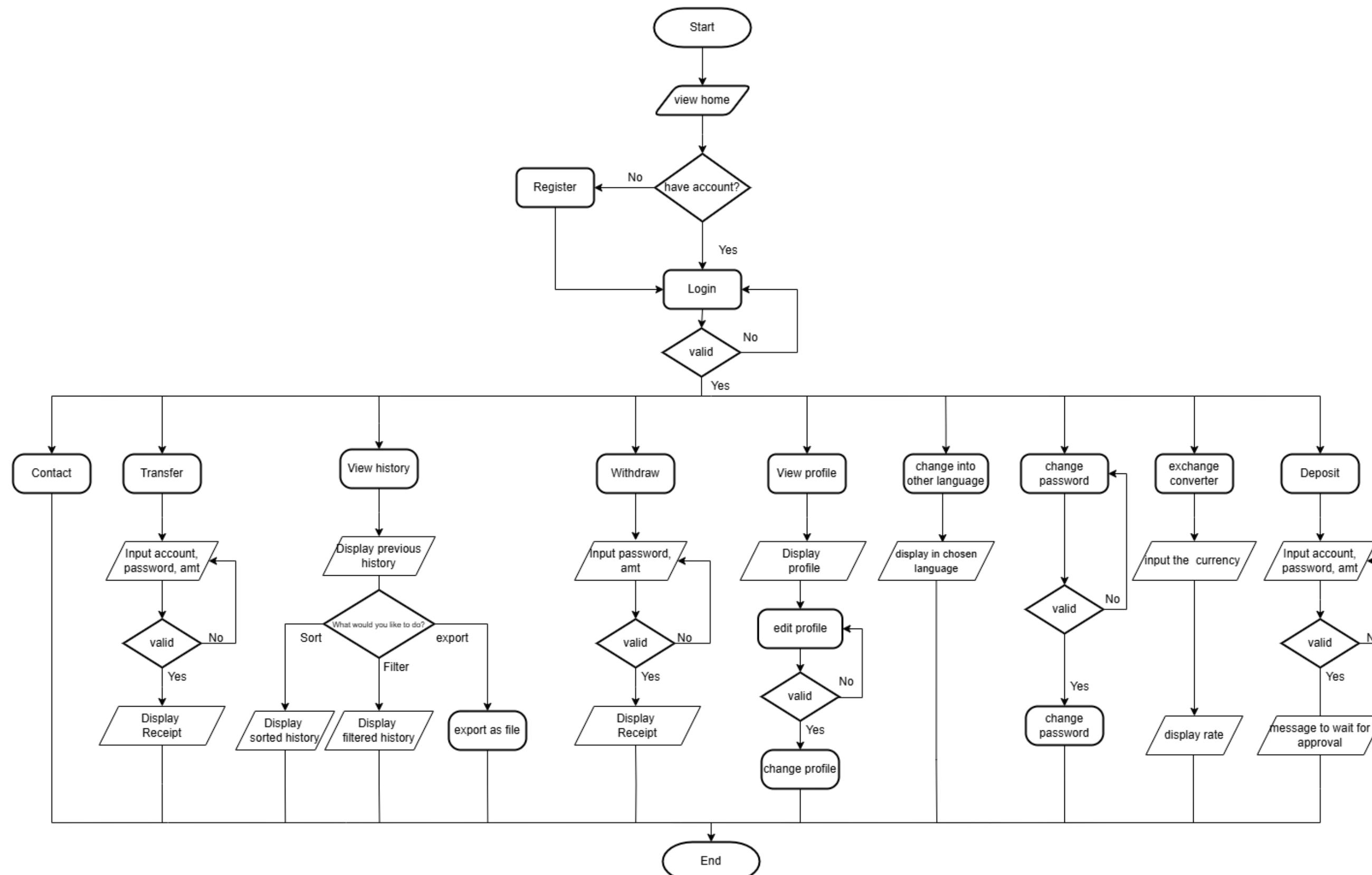
## **Transaction History**

Provide users with detailed statements of their account activity.

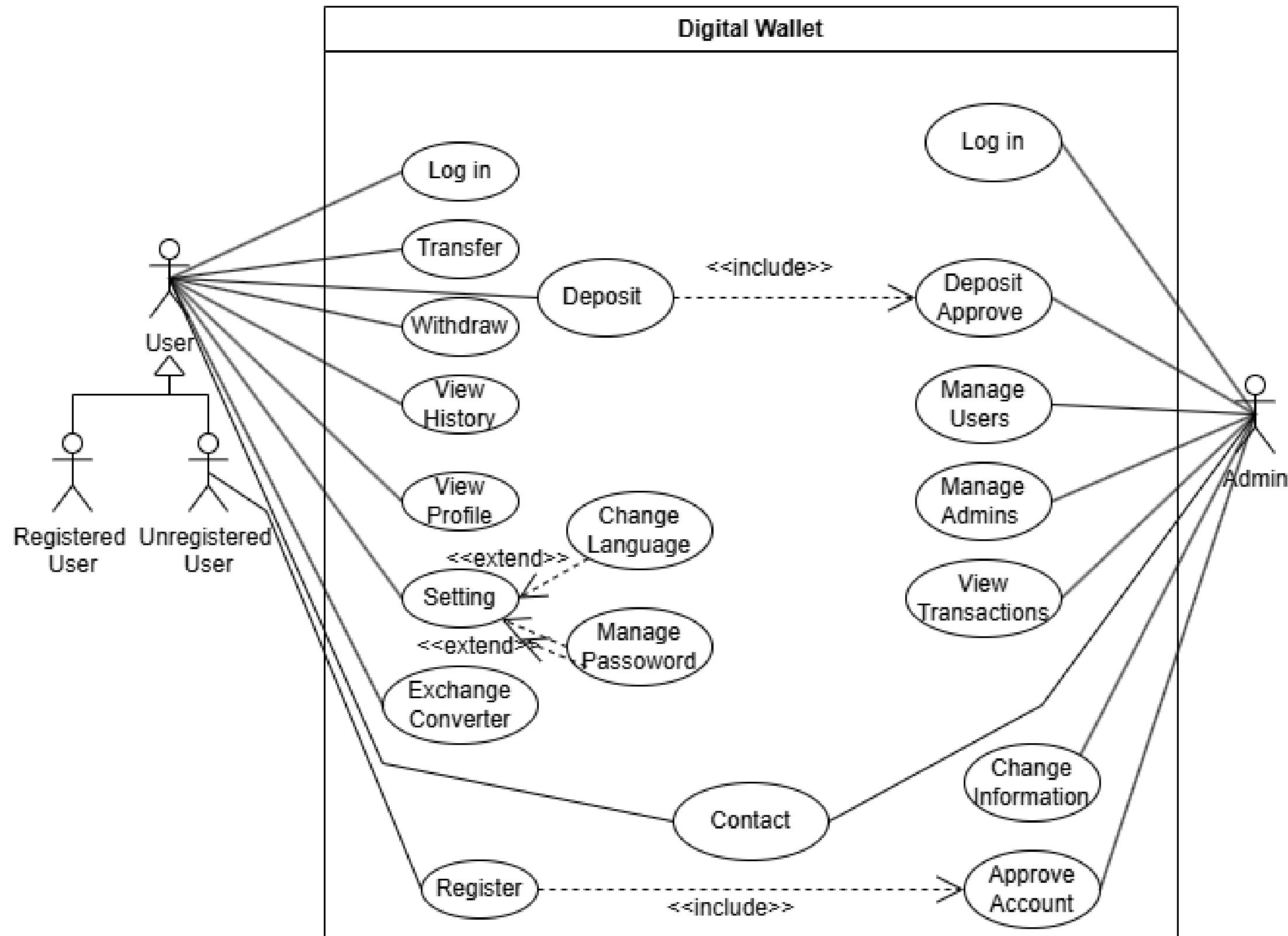
## **Security and Authentication**

Ensure secure login and transactions with robust authentication methods.

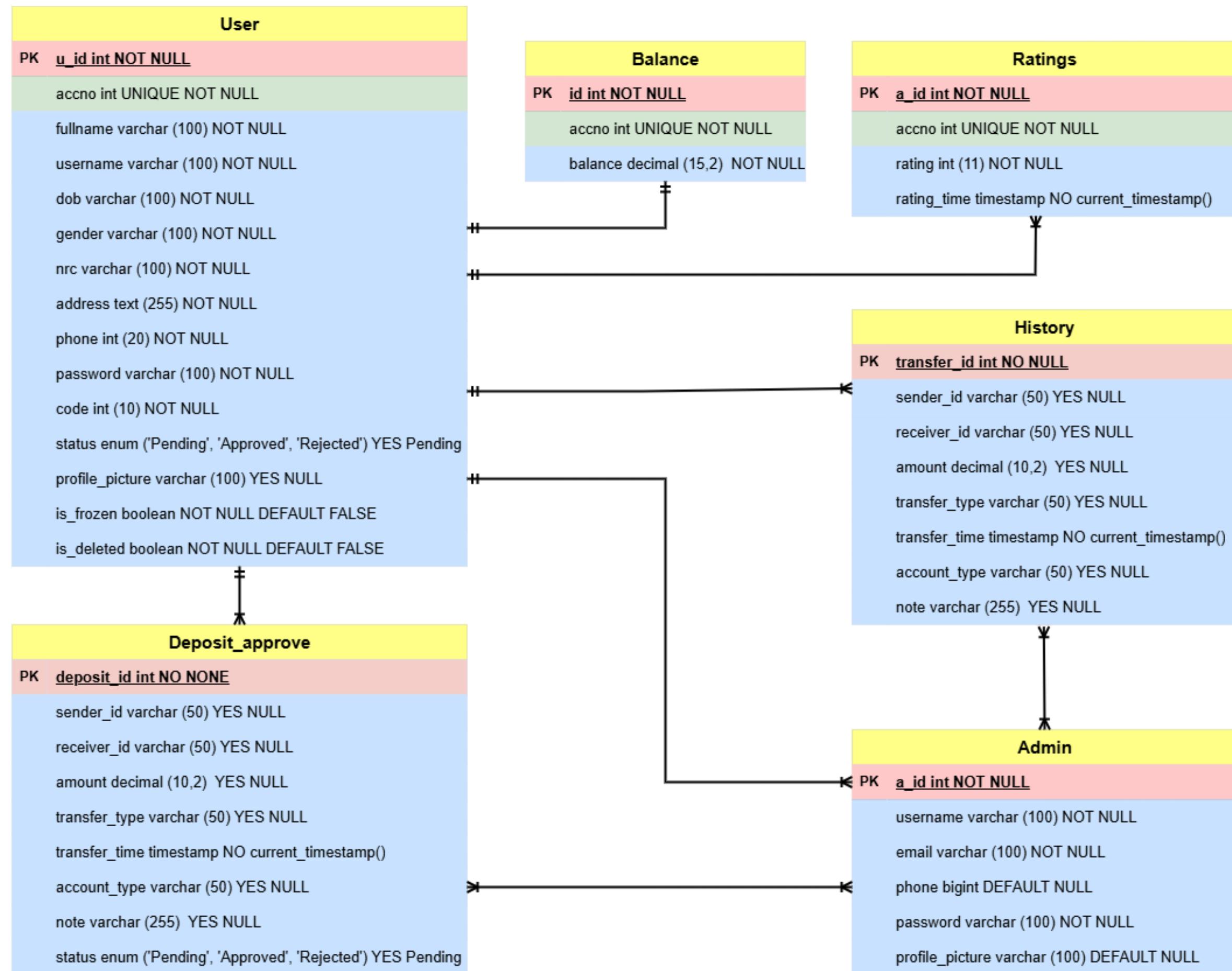
# SYSTEM FLOW DIAGRAM



# USE CASE DIAGRAM



# ER DIAGRAM



# Landing Page

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## Fast And Simple Digital Payment Solution

Many credit cards are lost by the users, stolen, or expired. But, these cards can still be used by authors. This app can provide you with a card and necessary information. They also offer burner credit cards.

CREATE NEW ACCOUNT

VISA

4556 3325 8590 3732

Owner Name: Salmon Expiry: 09/20 CVC: 299

# Scroll Down Landing Page

## SERVICES OFFERS

There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humour.



### DEPOSIT

Securely deposit your funds into your account with ease. Whether it's cash, checks, or online transfers, our banking system ensures a fast and hassle-free deposit process.



### WITHDRAW

Access your money anytime, anywhere. Our withdrawal services offer ATM access, online transfers, and in-person transactions for your convenience.



### TRANSFER

Easily send money between accounts or to other banks. With instant and scheduled transfer options, you can move funds and more cards accounts securely and efficiently.



### CURRENCY EXCHANGE

Stay updated with real-time exchange rates and convert your money at competitive rates. Our service ensures fast, secure, and reliable foreign currency transactions.

Activate Windows  
Go to Settings to activate Windows.

## SECURITY & FRAUD PROTECTION

Protecting your account is our top priority. We implement the advanced security features to keep your transactions safe.



### Real-Time Transaction Monitoring

We monitor your transactions for unusual activity and notify you instantly if anything looks suspicious.



### Secure Encryption & Data Protection

Your sensitive data is encrypted with advanced security measures to prevent unauthorized access.

Activate Windows  
Go to Settings to activate Windows.

## HOW CAN I HELP YOU?

#### How do I reset my password?

To reset your password:

- Click on "Forgot Password" on the login page.
- Enter your account number and registered email address.
- Copy the code in your email to reset your password.

If you didn't receive the email, check your spam folder or contact support.

#### How can I contact customer support?

#### What payment methods do you accept?

#### Can I close my account?

#### Is my personal information secure?

Activate Windows  
Go to Settings to activate Windows.

## Contact Us

 Address:  
198 West 21th Street, Suite 721 YANGON 10016

 Phone:  
+95 9 794 235 98

 Email:  
digitalwallet@gmail.com

### Get in touch with us

SEND MESSAGE

Activate Windows  
Go to Settings to activate Windows.

## **User Login:**

- Enter account no and password.
- Verify the credentials.
- Displays error/success message.
- Redirect to [Home](#) page.

## **Admin Login:**

- Enter username and password.
- Verify the credentials.
- Displays error/success message.
- Redirect to [Dashboard](#) page.

## **Alternative Login:**

- Click [Forgot Password](#) link.
- Process a password recovery.



## ***Forgot Password:***

- Enter account no and email.
- Verify the credentials.
- Displays error/success message.
- Check the email for code.
- Redirect to Reset Password page.



## ***Reset Password:***

- Enter acc no, code, new password, and confirm password.
- Verify the credentials.
- Match with the password format.
- Displays error/success message.
- Update new password in database.

## ***Change Password:***

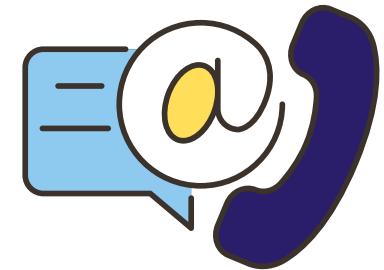
- Enter old password, new password, and confirm password.
- Verify the credentials.
- Match with the password format.
- Displays error/success message.
- Update new password in database.

# Contact

*The Contact Page allows users to reach out for inquiries, support, or feedback.*

**Process:**

- The user enters their name, email, subject, and message in the contact form.*

**System Verification:**

- If the name or email fields are empty, an error message is displayed.*
- If all inputs are correct, the system sends the user's message to the admin team's email for further assistance.*

**Extended Contact Options:**

- The address and phone number are provided for direct communication.*

# Receipt

*After a successful transaction, the system will generate a receipt displaying the transaction ID, type, sender account, receiver account (if applicable), amount, date, and time. This receipt will be shown on the page.*

*Additionally, when an admin approves a deposit request, a receipt will be sent to the user's email.*

## **Extended Contact Options:**

*Users will also have the option to save the receipt as an image on their device.*





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# Sign Up

- User can sign up by entering their personal information.
- User can choose either one of “Saving Account” or “Current Account”.

# Account Approval

(admin)

- The account requests made by users will appear in admin interface.
- Admin can either approve or reject and the response email will be send to user.



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# Deposit

- User can deposit from 1 to 50,000,000.
- The request will be sent to admin's deposit approval page when the request is successful.

# Deposit Approval

(admin)

- Admin can either approve or reject and the response email will be send to user.
- After rejecting, admin can undo the request to choose again from approve or reject.



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# Admin Profile

- Admin can change his/her email, phone and profile picture.
- Admin can also view their previously entered information.
- Profile picture will show a default image if there is no image in database.



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# Add Admin

- One admin can add multiple new admins.
- Beware username can't be the same as another admin!

# View Admin

- Admin can view the information of other admins.
- Admin can also export the list of admins, search and filter the table.



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# Currency Exchange

- Users select the source and target currency.
- The system fetches the latest exchange rate.
- The converted amount is displayed instantly.

# Manage Accounts

- Admin can view user details such as account number, username, and address.
- Can freeze, unfreeze or delete user accounts.
- Helps detect and manage suspicious activity for security.



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# Freeze Account

- User can only log in and log out.
- Transactions like deposit, withdrawal, and transfer are disabled.
- Immediate effect upon freezing.

# Delete Account

- Admin selects the user.
- Confirms deletion to prevent accidental removal.
- Removes all user data from the system.



# User Profile

- User can see their profile and balance.
- User can Updates one or more of the following fields: Username, Email address, Mobile number, Profile picture.

## Session-Based User Authentication & Data Display

- The system maintains the user session after login, allowing access to profile details and account data. It fetches and displays user information like username, email, mobile number, and profile picture until logout.



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# Withdraw

- *Users can securely withdraw funds from their account.*
- *After a successful Withdraw, users receive a digital receipt which can be saved as an image, and the transaction is recorded in the history.*



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# Multi-language system

- user can change the language of the system based on their preference.
- user can change between Myanmar and English seamlessly



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# Star Rating System

- user can submit rating based on their experience of using Digital Wallet

## Admin Dashboard

- Graphs and charts visualizing transaction trends, Displays user ratings.
- Quick access to pending approvals, recent transactions, and system statistics for efficient management.



# History

- *Displays a detailed log of all past transactions, including deposits, withdrawals, and transfers.*
- *Users can sort the history, search and can export transaction history as a file.*

# Transaction

- *Displays a detailed log of all past transactions, including deposits, withdrawals, and transfers.*
- *Users can sort the history, search and can export transaction history as a file.*
- *Admins also have access to the alert button which will send alert email to the users.*



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# Transfer

- Users can securely transfer funds to other accounts by entering the recipient's account number, password and transfer amount.
- After a successful transfer, users receive a digital receipt which can be saved as an image, and the transaction is recorded in the history.

# Interest System

- Periodically calculates and applies interest to savings accounts based on predefined rates without user intervention.

# REFERENCE



# Conclusion

- Our banking system project aims to transform traditional banking by providing a secure, user-friendly platform built with J2EE.
- By integrating simple account management, seamless transaction processing, and real-time customer support, we aim to enhance banking convenience, security, and efficiency for both customers and staff.



# THANK YOU

FOR YOUR ATTENTION