

Wireframe Document

ATM Interface in Java

(Console Based Application)

1. Introduction

The wireframe document provides a visual representation of the user interface and interactions within the ATM System application. It outlines the key screens and elements users will encounter when running the application.

2. User Interface Components

2.1 Welcome Screen

Description: The initial screen displayed when the application starts.

Elements:

Title: "Welcome to ATM"

Options: "Register" and "Login"

2.2 Registration Screen

Description: Screen for new users to register an account.

Elements:

Form Fields: User ID, PIN

Options: "Register" and "Back"

2.3 Login Screen

Description: Screen for existing users to log in.

Elements:

Form Fields: User ID, PIN

Options: "Login" and "Back"

2.4 Main Menu Screen

Description: Screen after successful login or registration, displaying available options.

Elements:

Menu Options: "Show Transactions History", "Withdraw Money", "Deposit Money", "Transfer Funds", "Logout"

2.5 Transaction History Screen

Description: Screen displaying the user's transaction history.

Elements:

List of Transactions: Amount, Description,

Options: "Back to Menu"

2.6 Withdraw Money Screen

Description: Screen for users to withdraw money from their account.

Elements:

Form Field: Amount to withdraw

Options: "Withdraw" and "Back to Menu"

2.7 Deposit Money Screen

Description: Screen for users to deposit money into their account.

Elements:

Form Field: Amount to deposit

Options: "Deposit" and "Back to Menu"

2.8 Transfer Funds Screen

Description: Screen for users to transfer funds to another account.

Elements:

Form Fields: Recipient User ID, Amount to transfer

Options: "Transfer" and "Back to Menu"

3. Data Flow

User Input Flow:

Welcome Screen -> Register/Login Screen -> Main Menu Screen

Main Menu Screen -> Transaction History, Withdraw, Deposit, Transfer Screens

Back Navigation Flow:

Any Screen with "Quit" button -> Main Menu Screen

Transaction Flow:

Withdraw/Deposit/Transfer Screens -> Perform Transaction -> Confirmation/Result Screen -> Main Menu Screen

Logout Flow:

Main Menu Screen -> Logout -> Welcome Screen

4. Conclusion

The wireframe document outlines the user interface components and data flow within the ATM System application. It provides a clear visual representation of how users interact with the system and navigate between screens during different operations.