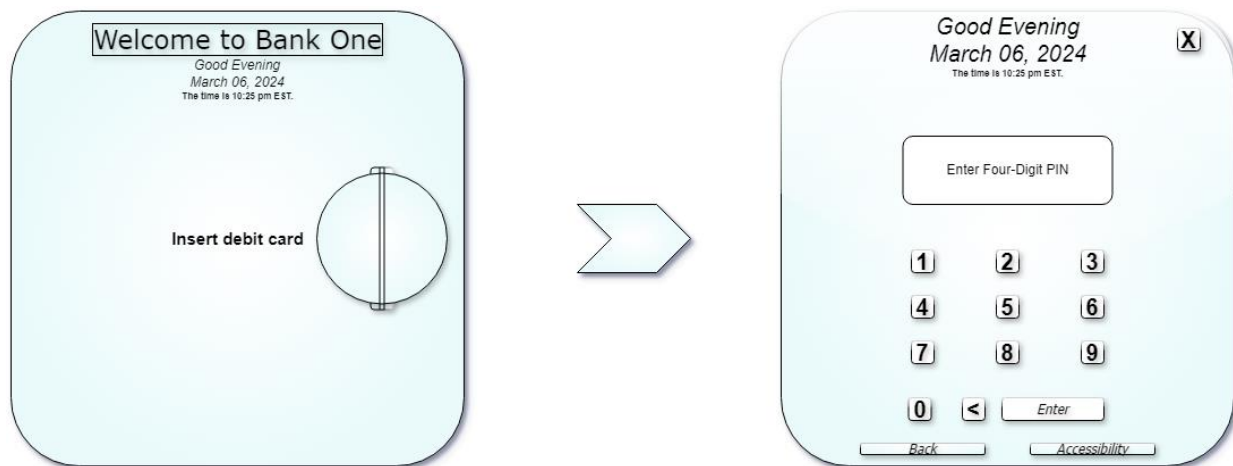# User Interface Specifications
(Jiya Stroder, Denah Thach, Nicholas Day)
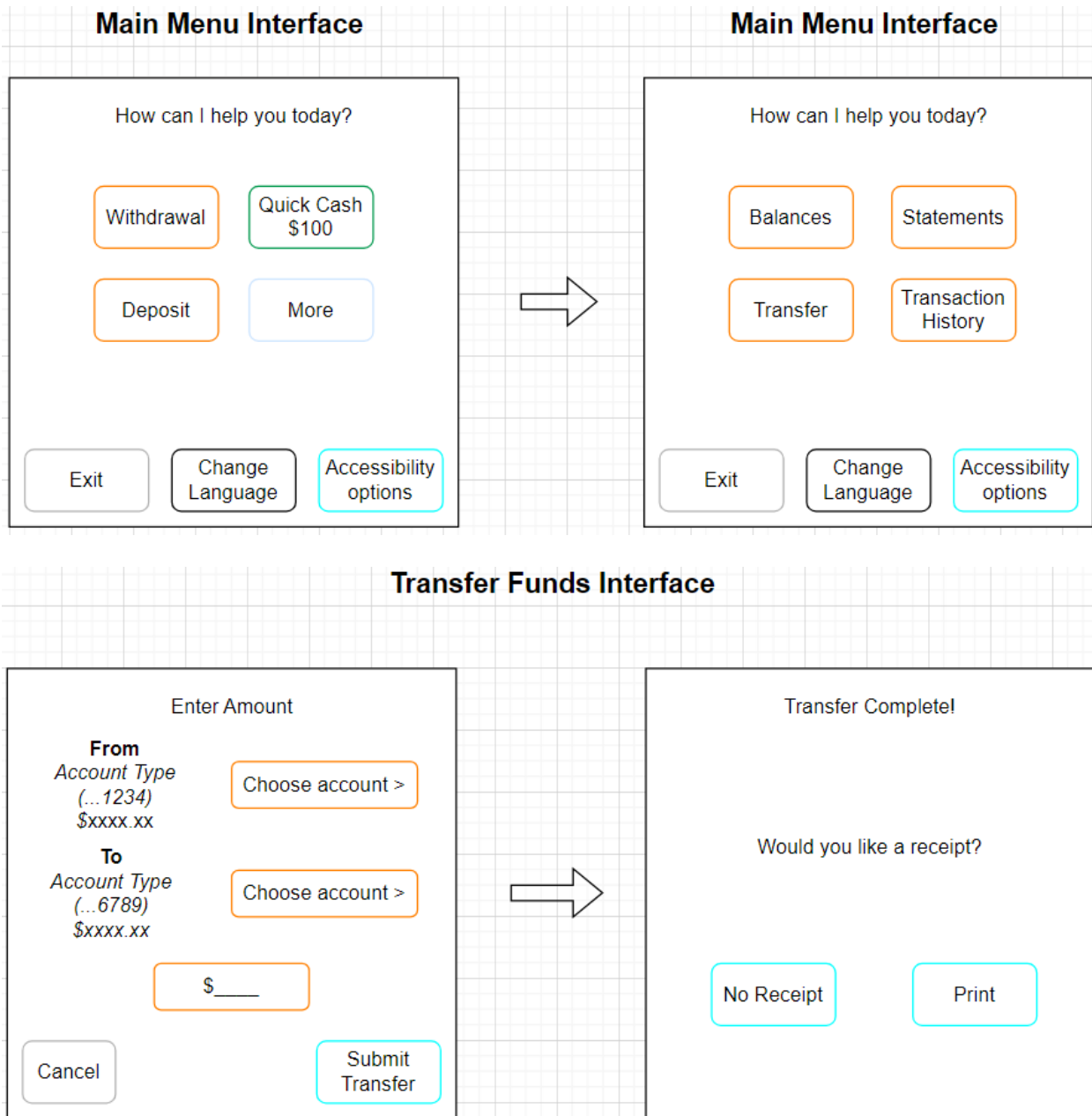
Use Case: Login UI (User Interface).

The ATM prompts the user to enter their debit card into the machine. The ATM then prompts the customer to enter their four-digit PIN number to authenticate their bank account. After the user authenticates their bank account they can proceed to the main menu where they will find a plethora of different options.

The 'Login' user interface is designed to be user-friendly while maintaining a modernized look. This screen and its steps are self-explanatory. The user will proceed like normal with entering their credentials. If the user makes a mistake and inserts the wrong card or simply does not need to utilize this ATM further, they can click the 'back' or 'x' button. The back key can also erase undesired inputs. The user may hit the accessibility option if they find themselves having complications.

User Case Login UI navigation path: Login > PIN Req > PIN Authentication > Main Menu
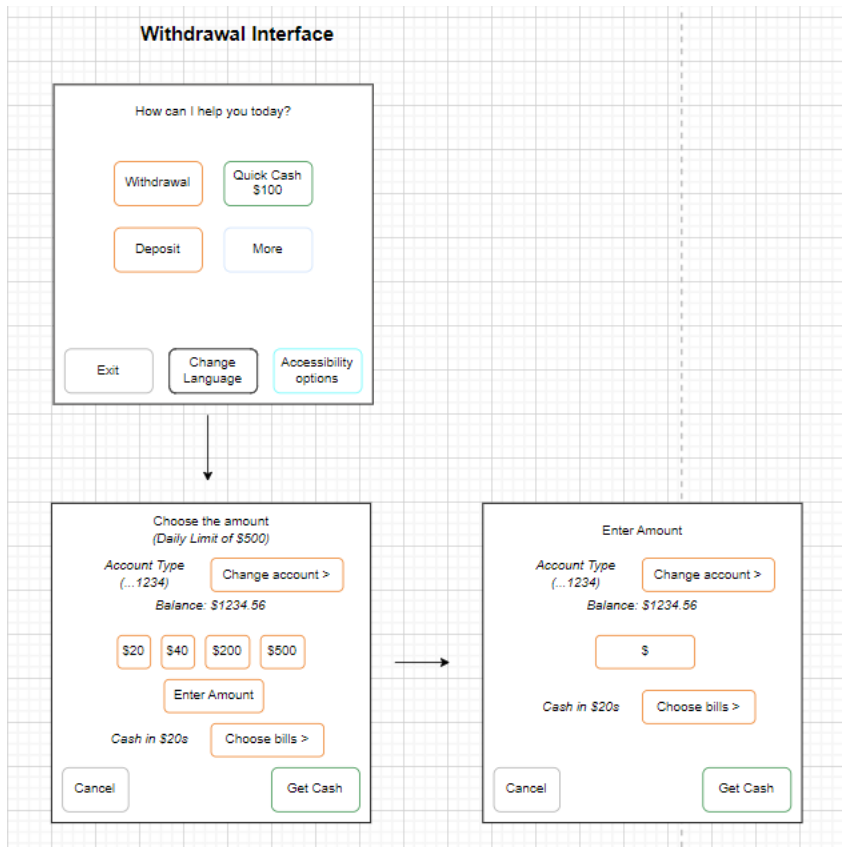

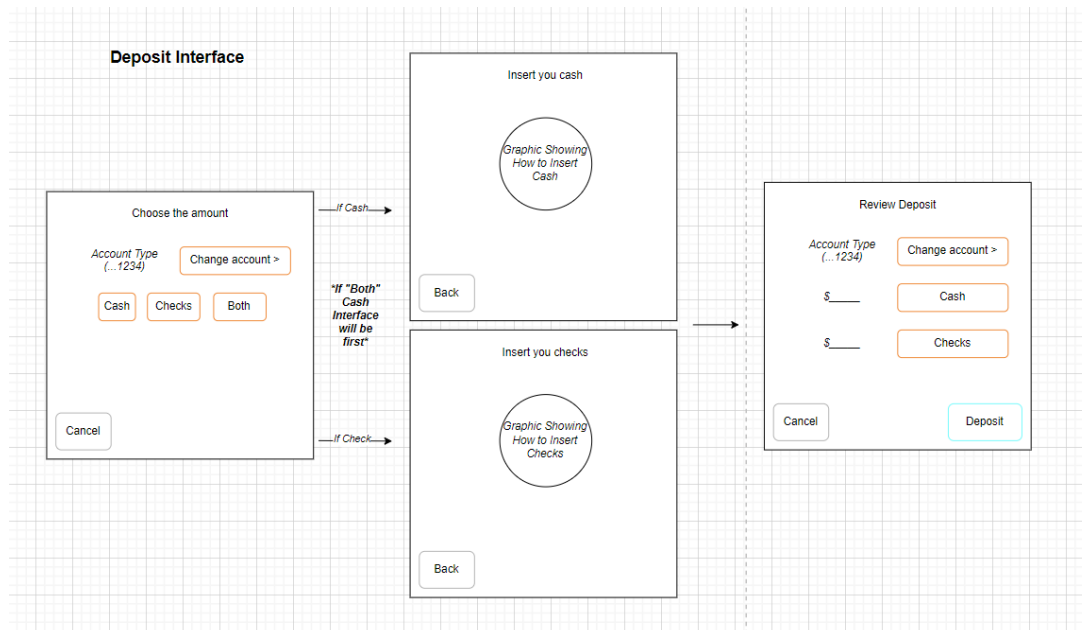Use Case: Transferring money from one account to another

Main Menu Interface

How can I help you today?

Withdrawal | Quick Cash $100

Deposit | More

Exit | Change Language | Accessibility options

Main Menu Interface

How can I help you today?

Balances | Statements

Transfer | Transaction History

Exit | Change Language | Accessibility options

Transfer Funds Interface

Enter Amount

From
Account Type
(...1234)
$xxxx.xx

Choose account >

To
Account Type
(...6789)
$xxxx.xx

Choose account >

$____

Cancel | Submit Transfer

Transfer Complete!

Would you like a receipt?

No Receipt | Print

After the user has successfully inserted their debit card and entered their PIN number, they will select "More" in the main menu. In the next screen they will then select "Transfer". The "Transfer Funds" Interface is made with simplicity in mind. The user simply chooses the account to transfer money from and the account to transfer money to, then they type in the amount they want to transfer. The "Choose Account drop down will list all the users accounts. When everything is correct, the user will select "Submit Transfer". In the next screen the transfer will be confirmed and the user will have the option to print or refuse a receipt.

Use Case: Withdraw funds from the ATM

Withdrawal Interface

How can I help you today?

| Withdrawal | Quick Cash $100 |
| Deposit | More |

| Exit | Change Language | Accessibility options |

Choose the amount
(Daily Limit of $500)

Account Type
(...1234)   Change account >

Balance: $1234.56

| $20 | $40 | $200 | $500 |

Enter Amount

Cash in $20s   Choose bills >

Cancel   Get Cash

Enter Amount

Account Type
(...1234)   Change account >

Balance: $1234.56

$

Cash in $20s   Choose bills >

Cancel   Get Cash

From the Main Menu the User will select the "Withdraw" option, which is listed first, because it will likely be the most popular option. Next, the user can select a preset amount or enter a specific number if it is a multiple of 20. Finally, the user will select the "Get Cash" option.

Use Case: Deposit funds into the ATM

Deposit Interface

Insert you cash

Graphic Showing How to Insert Cash

Choose the amount

Account Type (...1234)   Change account >

Cash   Checks   Both

If Cash →

If "Both" Cash Interface will be first

Back

Cancel

— If Check →

Insert you checks

Graphic Showing How to Insert Checks

Back

Review Deposit

Account Type (...1234)   Change account >

$_____   Cash

$_____   Checks

Cancel   Deposit

The user will choose between to deposit Cash, Checks, or Both. If the user selects cash, a graphic will prompt and inform the user on how to insert cash into the machine. If the user selects check, a graphic will show the user how to insert checks into the machine, Finally, a deposit review screen will confirm the transaction, and ask for final confirmation.
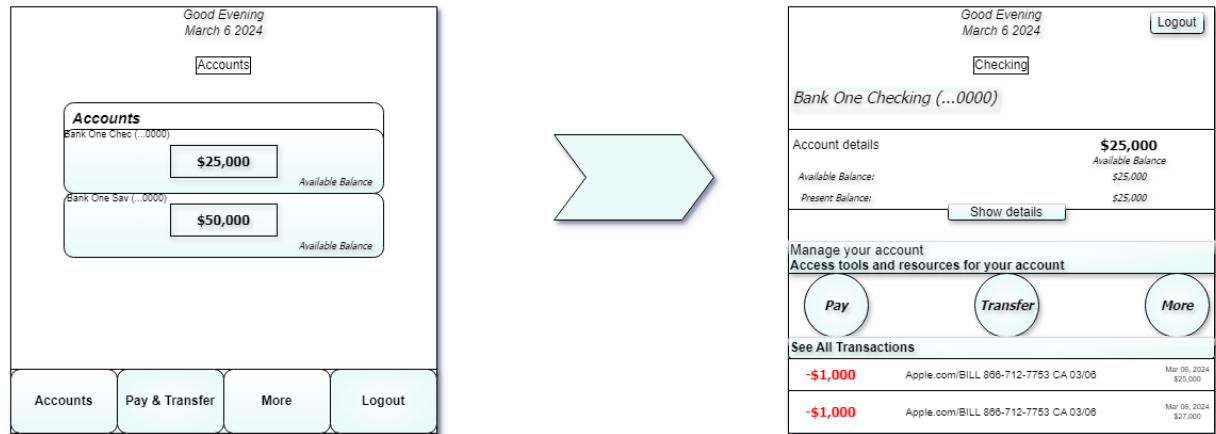
Use Case: Checking your account balance.

The ATM prompts the user to enter their debit card into the machine. The ATM then prompts the customer to enter their four-digit PIN to authenticate their bank account. After the user authenticates their bank account they can proceed to the main menu where they will find the option to view their bank account details. The user will then select among the following choices.

A. User Checking Account
B. User Savings Account

The "Check your account balance" user interface is designed to be user-friendly while maintaining a modernized look. The user is enabled with many options to manage their accounts. The user may view the balance of any accounts with this bank. The user may also click the pay & transfer option to pay or transfer money. The user may also click the more option to find additional ATM settings for their bank accounts. The user may also sign out of their account by selecting the logout function. By selecting a specific account type checking or savings, the user is also given more options to view their account. The ATM provides their available balance and offers more details on bank statements as well as an entire transaction history if you select the 'See All Transactions' button. From this screen, the user may also log out, go back to a different account, or manage their account settings further.

User Case Check BAL UI navigation path: Login > Main Menu > Account

Use Case	Navigation	Clicks	Keystrokes
Login	Authenticates the user and signs into their bank accounts. Prompts input of four-digit PIN.	12	25 (max)
Check account balance	Check account balance, pay/transfer, more menu, show details, see all transactions, and log out button.	12	15 (max)
Withdraw Funds	Withdraw, Enter Amount, Get Funds	3	3
Deposit Funds	Deposit, Cash, Deposit	2	0
Transfer Funds	Main Menu, More Menu, Transfer Funds	6	4-6