

Use Case - Add customer

Primary actors:

Accountant

Preconditions:

None

Basic flow of event:

1. Enter name of new customer
2. Enter email of new customer
3. Customer is added.

Alternative flows:

- If name is empty
 - Program displays error message
 - User can try again

- If email is empty or “invalid”
 - Program displays error message
 - User can try again

Use Case - Deposit Amount

Primary actors:

Customer

Preconditions:

Customer must be added to the system

Basic flow of event:

1. Enter amount of balance to deposit
2. Confirm amount and add to database

Alternative flows:

- If deposit amount is a negative number or 0
 - Program displays error message
 - User can try again

Use Case - Withdraw Amount

Primary actors:

Customer

Preconditions:

Customer must be added to the system

Basic flow of event:

1. Enter amount of balance to withdraw
2. Confirm amount and add to database.

Alternative flows:

- If withdraw amount is a negative number or 0
 - Program displays error message
 - User can try again
- If withdraw amount is larger than total balance
 - Program displays error message
 - User can try again

Use Case - View transactions

Primary actors:

Customer

Preconditions:

Customer must be added to the system

Basic flow of event:

1. View temporary transactions to be added to total balance
2. View all previous transactions made by the customer

Alternative flows:

- If customer has no active transactions
 - Program displays error message
 - User can try again