Jordan Gotbaum

Prof. Jones

Software Design & Implementation

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Final Project Readme

This readme is to explain the function of each java class in my submission:

1. AccountFrame
   1. This class extends JFrame to create a window for an individual account once the login function has been called. It renders the AccountPanel described herein.
2. AccountPanel
   1. This class extends JPanel to create the main content pane to be rendered in an AccountFrame object.
   2. Holds JButtons and ActionEvent listeners for withdraw, deposit, and transfer, that are functions defined through the BankAccount interface.
   3. Hold JTextField and Label for amount input, as well as a response JPanel.
3. BankAccount
   1. Interface with basic functions implemented in both CheckingAccount and SavingsAccount classes.
4. BankApp
   1. Base class that initiates GUI and is called with main method.
   2. Holds acctList ArrayList with all BankAccounts created.
5. CheckingAccount
   1. Class that implements BankAccount interface with specifications for a Checking Account.
6. SavingsAccount
   1. Class that implements BankAccounter interface with specifications for a Savings Account.
7. StartFrame
   1. This class extends JFrame to create the starting menu window. It renders the StartPanel described herein.
8. StartPanel
   1. This class extends JPanel to create the main content pane to be rendered in a StartFrame object.
   2. Holds JButtons and ActionEvent listeners for login, account creating, and viewing accounts.
   3. Holds JTextFields and JLabels for Name and Password, as well as a response panel.