

ENSE 370 Winter 2019 Final Exam Question 3C Response

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Use Case Name: View Account Balance

Summary: The User signs into the banking system and views the balance on their account.

Actor: User

Precondition: The User invokes the login function on the banking system's interface.

Description:

1. The User enters their bank account number and password into the Banking System Console.
2. If these attributes match an existing user in the Banking System, then the Console will display a menu with two options: View Account Balance, or Transfer Funds.
3. The User selects the "View Account Balance" option.
4. The Banking System retrieves the balance from the User's account and displays it on the screen.
5. The Console displays the same menu described in Step 2 and prompts the user for another action.

Alternatives:

1. If the User-entered attributes do not match an existing User in the Banking System, then an error message will be displayed.
 - a. If the error message has been displayed zero times or one time since the User invoked the login function, then the User will be prompted to re-enter their account number and password.
 - b. If the error message has already been displayed two times, then the User will not be permitted to log into the Console for 24 hours.
2. If the User presses the Escape key at any point after signing in, then they will be automatically signed out and redirected to the sign-in screen.

Postcondition: The User has successfully viewed their account balance and signed out of the banking system.