ENSE 370 Winter 2019 Final Exam Question 3B Response

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Use Case Name: Sign In

Summary: The User attempts to sign into the banking system with their account number and password.

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.

Alternatives:

3. 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.

Postcondition: The User has successfully logged into the Banking System, and can choose to invoke one of two operations on their account.