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def Tests_for_ATM_simulator():

    # A user will not be able to make a negative withdrawal
    assert not valid_withdrawal_request(current_balance = 5000,
requested_withdrawal = -500, grace = 0)

    # This particular user will not be able to withdraw any funds if they
have a grace value of negative 1 (or more)
    assert not valid_withdrawal_request(current_balance = 100,
requested_withdrawal = 25, grace = -1)

    # No user regardless of their balance, will be able to withdraw more
then 50,000 from an ATM
    assert not valid_withdrawal_request(current_balance = 1000000,
requested_withdrawal= 50001, grace = 1)
    assert valid_withdrawal_request(current_balance = 1000000,
requested_withdrawal= 50000, grace = 1)

    # Every user must have a valid pin number on file in the system
    assert not authenticated_pin(user_pin = None, entered_pin = 5678,
username = "Michael Pszonka")

    #All users must have a pin number that is exactly four digits.
    assert not authenticated_pin(user_pin = 123, entered_pin = 123)
    assert not authenticated_pin(user_pin = 12345, entered_pin = 12345)
    assert authenticated_pin(user_pin = 1234, entered_pin = 1234)

    print("Tests Passed!")

# Michael Pszonka
# BIA 660
# Homework 2B

```