Unit Test Design Doc

By Prosper Jibunor (5/3/2023)

Abstract:

This unit test is to test if my 'makepassword.js' file worked, and could be implemented.

Goals:

I wanted to make simple code that could:

1. Check if the file previously existed and if so return false

2. Check if the file existed currently and if so return true

3. Make sure the file had the correct contents, and if so, return true

Solution:

To do what I set out to do I used the expect function to show what I expected the outcome to be, and if it was not that to return false or true. I also used the fs.existSync to see if the file currently or previously existed. Then I used the 'not.toEqual' functions to check if the hashed passwords within the file were what they should be.

And on the right circumstances it would return false true true which would give me the output I wanted leading my test to be the exact result I wanted.

Milestones:

The project ran correctly and had little problem, but it would say that the unit suite test failed and I figured out that it was the for an unrelated reason that was not within my code but rather that it was testing utility.js when it was not supposed to be (May 3rd, 2023)

Tester Story:

- As a tester,I would like to update passwords into a hashed version so that if someone gains access to the database they will not be able to steal information.