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Backend test

Name of test being carried out:

Login test

Precondition:

JUnit setup initializes variables.

Result of test (JUnit log):

Feb 16, 2020 6:49:08 PM Authenticate authenticate

INFO: John logged in with USER authorization successfully.

Feb 16, 2020 6:49:09 PM Authenticate authenticate

INFO: John logged in with DIRECTOR authorization successfully.

Feb 16, 2020 6:49:09 PM Authenticate authenticate

INFO: Mike logged in with USER authorization successfully.

Feb 16, 2020 6:49:09 PM Authenticate authenticate

INFO: Mike logged in with MANAGER authorization successfully.

Feb 16, 2020 6:49:09 PM Authenticate authenticate

INFO: Stacy logged in with USER authorization successfully.

Feb 16, 2020 6:49:09 PM Authenticate authenticate

SEVERE: Stacy has tried logging in with wrong authorization level.

Comments on test:

Tested 3 users at different permission levels to verify login system works as intended. John is a Director, Mike is a manager, Stacy is a HR Employee. Most tests succeeded except final test in which HR Employee Stacy failed to authorize despite being a HR Employee

Errors encountered (If any):

Stacy could not login despite actually having the correct authorization level.

Steps to be taken:

Analyze authenticate class.