

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<testsuites>
  <testsuite name="pytest" errors="0" failures="1" skipped="0" tests="10" time="3.986" timestamp="2025-01-11T18:21:56.834089+08:00"
    hostname="LAPTOP-QQOUPES4">
    <testcase classname="test_authentication.TestAuthentication" name="test_account_lockout" file="test_authentication.py" line="54"
      time="1.169">
      <system-out>----- Captured Log ----- WARNING root:authentication_controller.py:71
      lockuser account locked due to multiple failed attempts. ----- Captured Out -----
      Invalid username or password. You have 2 attempt(s) remaining. Invalid username or password. You have 1 attempt(s) remaining. Account
      locked due to multiple failed attempts. Please try again after 5 minutes. Account is locked. Please try again after 4 minute(s) and 59
      second(s). </system-out>
      <system-err>----- Captured Err ----- </system-err>
    </testcase>
    <testcase classname="test_authentication.TestAuthentication" name="test_invalid_login" file="test_authentication.py" line="47" time="0.006">
      <system-out>----- Captured Log ----- ----- Captured
      Out ----- Invalid username or password. </system-out>
      <system-err>----- Captured Err ----- </system-err>
    </testcase>
    <testcase classname="test_authentication.TestAuthentication" name="test_valid_login" file="test_authentication.py" line="27" time="0.592">
      <system-out>----- Captured Log ----- ----- Captured
      Out ----- </system-out>
      <system-err>----- Captured Err ----- </system-err>
    </testcase>
    <testcase classname="test_linter" name="test_flake8" file="test_linter.py" line="3" time="1.616">
      <failure message="Failed: Flake8 lint errors: .\test_authentication.py:2:1: F401 'os' imported but unused .\test_authentication.py:10:1:
      E302 expected 2 blank lines, found 1 .\test_authentication.py:25:1: E302 expected 2 blank lines, found 1 .\test_authentication.py:41:80:
      E501 line too long (93 > 79 characters) .\test_authentication.py:42:80: E501 line too long (84 > 79 characters)
      .\test_authentication.py:57:80: E501 line too long (82 > 79 characters) .\test_authentication.py:64:80: E501 line too long (93 > 79
      characters) .\test_authentication.py:65:80: E501 line too long (84 > 79 characters) .\test_authentication.py:74:48: W292 no newline at end
      of file .\test_confctest.py:2:1: F401 'os' imported but unused .\test_confctest.py:11:80: E501 line too long (106 > 79 characters)
      .\test_confctest.py:13:80: E501 line too long (109 > 79 characters) .\test_confctest.py:14:80: E501 line too long (118 > 79 characters)
      .\test_confctest.py:15:80: E501 line too long (83 > 79 characters) .\test_confctest.py:18:1: E302 expected 2 blank lines, found 1
      .\test_confctest.py:24:1: E302 expected 2 blank lines, found 1 .\test_confctest.py:30:1: E302 expected 2 blank lines, found 1
      .\test_confctest.py:36:1: E302 expected 2 blank lines, found 1 .\test_confctest.py:40:1: E302 expected 2 blank lines, found 1
      .\test_confctest.py:44:1: E302 expected 2 blank lines, found 1 .\test_confctest.py:47:1: W391 blank line at end of file
      .\test_linter.py:4:1: E302 expected 2 blank lines, found 1 .\test_linter.py:17:63: W292 no newline at end of file .\test_order.py:2:1:
      F401 'uuid' imported but unused .\test_order.py:4:1: F401 'models.order.Order' imported but unused .\test_order.py:10:1: E302 expected 2
      blank lines, found 1 .\test_order.py:17:1: E302 expected 2 blank lines, found 1 .\test_order.py:32:1: E302 expected 2 blank lines, found 1
      .\test_order.py:36:1: E302 expected 2 blank lines, found 1 .\test_order.py:53:1: E302 expected 2 blank lines, found 1
      .\test_order.py:65:61: W292 no newline at end of file .\test_product.py:7:1: E302 expected 2 blank lines, found 1 .\test_product.py:10:80:
      E501 line too long (80 > 79 characters) .\test_product.py:25:1: E302 expected 2 blank lines, found 1 .\test_product.py:32:1: E302 expected
      2 blank lines, found 1 .\test_product.py:34:80: E501 line too long (90 > 79 characters) .\test_product.py:40:1: E302 expected 2 blank
      lines, found 1 .\test_product.py:42:80: E501 line too long (85 > 79 characters) .\test_product.py:47:1: E302 expected 2 blank lines, found
      1 .\test_product.py:53:80: E501 line too long (87 > 79 characters) .\test_product.py:57:48: W292 no newline at end of
      file">@pytest.mark.linter def test_flake8(): """ Runs Flake8 lint checks on the entire project. Fails if any stylistic or syntax issues
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are found. """ # Use python -m flake8 instead of direct flake8 cmd = ["python", "-m", "flake8", "."] result = subprocess.run(cmd,
capture_output=True, text=True) if result.returncode != 0: combined_output = result.stdout + "\n" + result.stderr > pytest.fail(f"Flake8
lint errors:\n{combined_output}") E Failed: Flake8 lint errors: E .\test_authentication.py:2:1: F401 'os' imported but unused E
.\test_authentication.py:10:1: E302 expected 2 blank lines, found 1 E .\test_authentication.py:25:1: E302 expected 2 blank lines, found 1
E .\test_authentication.py:41:80: E501 line too long (93 > 79 characters) E .\test_authentication.py:42:80: E501 line too long (84 > 79
characters) E .\test_authentication.py:57:80: E501 line too long (82 > 79 characters) E .\test_authentication.py:64:80: E501 line too long
(93 > 79 characters) E .\test_authentication.py:65:80: E501 line too long (84 > 79 characters) E .\test_authentication.py:74:48: W292 no
newline at end of file E .\test_conftest.py:2:1: F401 'os' imported but unused E .\test_conftest.py:11:80: E501 line too long (106 > 79
characters) E .\test_conftest.py:13:80: E501 line too long (109 > 79 characters) E .\test_conftest.py:14:80: E501 line too long (118 > 79
characters) E .\test_conftest.py:15:80: E501 line too long (83 > 79 characters) E .\test_conftest.py:18:1: E302 expected 2 blank lines,
found 1 E .\test_conftest.py:24:1: E302 expected 2 blank lines, found 1 E .\test_conftest.py:30:1: E302 expected 2 blank lines, found 1 E
.\test_conftest.py:36:1: E302 expected 2 blank lines, found 1 E .\test_conftest.py:40:1: E302 expected 2 blank lines, found 1 E
.\test_conftest.py:44:1: E302 expected 2 blank lines, found 1 E .\test_conftest.py:47:1: W391 blank line at end of file E
.\test_linter.py:4:1: E302 expected 2 blank lines, found 1 E .\test_linter.py:17:63: W292 no newline at end of file E .\test_order.py:2:1:
F401 'uuid' imported but unused E .\test_order.py:4:1: F401 'models.order.Order' imported but unused E .\test_order.py:10:1: E302 expected
2 blank lines, found 1 E .\test_order.py:17:1: E302 expected 2 blank lines, found 1 E .\test_order.py:32:1: E302 expected 2 blank lines,
found 1 E .\test_order.py:36:1: E302 expected 2 blank lines, found 1 E .\test_order.py:53:1: E302 expected 2 blank lines, found 1 E
.\test_order.py:65:61: W292 no newline at end of file E .\test_product.py:7:1: E302 expected 2 blank lines, found 1 E
.\test_product.py:10:80: E501 line too long (80 > 79 characters) E .\test_product.py:25:1: E302 expected 2 blank lines, found 1 E
.\test_product.py:32:1: E302 expected 2 blank lines, found 1 E .\test_product.py:34:80: E501 line too long (90 > 79 characters) E
.\test_product.py:40:1: E302 expected 2 blank lines, found 1 E .\test_product.py:42:80: E501 line too long (85 > 79 characters) E
.\test_product.py:47:1: E302 expected 2 blank lines, found 1 E .\test_product.py:53:80: E501 line too long (87 > 79 characters) E
.\test_product.py:57:48: W292 no newline at end of file test_linter.py:17: Failed</failure>
<system-out>----- Captured Log ----- Captured
Out ----- </system-out>
<system-err>----- Captured Err ----- </system-err>
</testcase>
<testcase classname="test_order" name="test_list_customer_orders" file="test_order.py" line="52" time="0.024">
  <system-out>----- Captured Log ----- Captured
  Out ----- Order placed successfully. </system-out>
  <system-err>----- Captured Err ----- </system-err>
</testcase>
<testcase classname="test_order" name="test_place_order" file="test_order.py" line="35" time="0.012">
  <system-out>----- Captured Log ----- Captured
  Out ----- Order placed successfully. </system-out>
  <system-err>----- Captured Err ----- </system-err>
</testcase>
<testcase classname="test_product" name="test_add_product" file="test_product.py" line="24" time="0.008">
  <system-out>----- Captured Log ----- Captured
  Out ----- </system-out>
  <system-err>----- Captured Err ----- </system-err>
</testcase>
<testcase classname="test_product" name="test_delete_product" file="test_product.py" line="39" time="0.008">
  <system-out>----- Captured Log ----- Captured
  Out ----- </system-out>
  <system-err>----- Captured Err ----- </system-err>
</testcase>
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<testcase classname="test_product" name="test_list_products" file="test_product.py" line="46" time="0.008">
  <system-out>----- Captured Log ----- Captured
  Out ----- </system-out>
  <system-err>----- Captured Err ----- </system-err>
</testcase>
<testcase classname="test_product" name="test_update_stock" file="test_product.py" line="31" time="0.008">
  <system-out>----- Captured Log ----- Captured
  Out ----- </system-out>
  <system-err>----- Captured Err ----- </system-err>
</testcase>
</testsuite>
</testsuites>
```