**LOGFILE1 : Regression suite execution before new implementation**

C:\Users\febyr\AppData\Local\Programs\Python\Python312\python.exe "C:/Program Files/JetBrains/PyCharm Community Edition 2023.2.3/plugins/python-ce/helpers/pycharm/\_jb\_pytest\_runner.py" --path C:\Users\febyr\Desktop\Feby\_period2\Software\_testing\Assignment1\_Push\A1\_unit\_testing\Regressiontest\_checkcart\_assignment2.py

Testing started at 04:20 ...

Launching pytest with arguments C:\Users\febyr\Desktop\Feby\_period2\Software\_testing\Assignment1\_Push\A1\_unit\_testing\Regressiontest\_checkcart\_assignment2.py --no-header --no-summary -q in C:\Users\febyr\Desktop\Feby\_period2\Software\_testing\Assignment1\_Push\A1\_unit\_testing

**=========================test session starts =============================**

collecting ... collected 18 items

Regressiontest\_checkcart\_assignment2.py::test\_check\_cart\_print\_product\_details PASSED [ 5%]

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Regressiontest\_checkcart\_assignment2.py::test\_check\_cart\_empty\_cart PASSED [ 11%]

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Regressiontest\_checkcart\_assignment2.py::test\_check\_cart\_with\_checkout FAILED [ 16%]['Apple', 2.0, 10]

Thank you for your purchase, Ramanathan! Your remaining balance is 98.0

Regressiontest\_checkcart\_assignment2.py:94 (test\_check\_cart\_with\_checkout)

Test\_user = <checkout\_and\_payment.User object at 0x00000207D6E2FAD0>

Test\_cart = <checkout\_and\_payment.ShoppingCart object at 0x00000207D6E2E150>

Test\_product = <checkout\_and\_payment.Product object at 0x00000207D6E2E660>

def test\_check\_cart\_with\_checkout(Test\_user, Test\_cart, Test\_product):

Test\_cart.add\_item(Test\_product)

with patch('builtins.input', return\_value='Y'), patch('checkout\_and\_payment\_new.checkout') as mock\_checkout:

> assert check\_cart(Test\_user, Test\_cart)

E assert None

E + where None = check\_cart(<checkout\_and\_payment.User object at 0x00000207D6E2FAD0>, <checkout\_and\_payment.ShoppingCart object at 0x00000207D6E2E150>)

Regressiontest\_checkcart\_assignment2.py:98: AssertionError

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Regressiontest\_checkcart\_assignment2.py::test\_check\_cart\_invalid\_input PASSED [ 22%]

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Regressiontest\_checkcart\_assignment2.py::test\_check\_cart\_add\_out\_of\_stock\_product PASSED [ 27%]

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Regressiontest\_checkcart\_assignment2.py::test\_empty\_cart PASSED [ 33%]

=====================================================================

Regressiontest\_checkcart\_assignment2.py::test\_insufficient\_balance PASSED [ 38%]

=====================================================================

Regressiontest\_checkcart\_assignment2.py::test\_zero\_units\_product PASSED [ 44%]

Thank you for your purchase, Ramanathan! Your remaining balance is 90.0

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Regressiontest\_checkcart\_assignment2.py::test\_checkout\_clears\_cart PASSED [ 50%]

Thank you for your purchase, Ramanathan! Your remaining balance is 90.0

=====================================================================

Regressiontest\_checkcart\_assignment2.py::test\_add\_multiple\_products\_and\_check\_total\_price PASSED [ 55%]

Thank you for your purchase, Ramanathan! Your remaining balance is 50.0

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Regressiontest\_checkcart\_assignment2.py::test\_load\_products\_from\_csv\_correct\_number\_of\_products PASSED [ 61%]

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Regressiontest\_checkcart\_assignment2.py::test\_load\_products\_from\_csv\_correct\_product\_attributes PASSED [ 66%]

=====================================================================

Regressiontest\_checkcart\_assignment2.py::test\_load\_products\_from\_csv\_correct\_product\_values PASSED [ 72%]Apple 1.0

=====================================================================

Regressiontest\_checkcart\_assignment2.py::test\_load\_products\_from\_csv\_non\_existing\_file PASSED [ 77%]

=====================================================================

Regressiontest\_checkcart\_assignment2.py::test\_load\_products\_from\_csv\_negative\_units PASSED [ 83%]

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Regressiontest\_checkcart\_assignment2.py::test\_query\_cart FAILED [ 88%]

Regressiontest\_checkcart\_assignment2.py:195 (test\_query\_cart)

Test\_user = <checkout\_and\_payment.User object at 0x00000207D6E86960>

Test\_cart = <checkout\_and\_payment.ShoppingCart object at 0x00000207D6E2EDB0>

capsys = <\_pytest.capture.CaptureFixture object at 0x00000207D6E2D490>

def test\_query\_cart(Test\_user, Test\_cart, capsys):

product1 = ProductStub("Product1", 10, 5)

Test\_cart.add\_item(product1)

with patch("sys.stdout", new\_callable=io.StringIO) as mock\_stdout:

with patch("builtins.input", return\_value="Q"):

> result = check\_cart(Test\_user, Test\_cart)

Regressiontest\_checkcart\_assignment2.py:202:

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

user = <checkout\_and\_payment.User object at 0x00000207D6E86960>

cart = <checkout\_and\_payment.ShoppingCart object at 0x00000207D6E2EDB0>

def check\_cart(user, cart):

# Print products in the cart

for i in cart.retrieve\_item():

> print(i.get\_product())

E AttributeError: 'ProductStub' object has no attribute 'get\_product'

checkout\_and\_payment.py:91: AttributeError

=====================================================================

Regressiontest\_checkcart\_assignment2.py::test\_remove\_from\_cart FAILED [ 94%]

Regressiontest\_checkcart\_assignment2.py:208 (test\_remove\_from\_cart)

Test\_user = <checkout\_and\_payment.User object at 0x00000207D6E2F830>

Test\_cart = <checkout\_and\_payment.ShoppingCart object at 0x00000207D6E2F170>

capsys = <\_pytest.capture.CaptureFixture object at 0x00000207D6E2E2D0>

def test\_remove\_from\_cart(Test\_user, Test\_cart, capsys):

product1 = ProductStub("Product1", 10, 5)

Test\_cart.add\_item(product1)

with patch("builtins.input", side\_effect=["R", "1"]):

removed\_product = Test\_cart.items[0]

> result = check\_cart(Test\_user, Test\_cart)

Regressiontest\_checkcart\_assignment2.py:215:

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

user = <checkout\_and\_payment.User object at 0x00000207D6E2F830>

cart = <checkout\_and\_payment.ShoppingCart object at 0x00000207D6E2F170>

def check\_cart(user, cart):

# Print products in the cart

for i in cart.retrieve\_item():

> print(i.get\_product())

E AttributeError: 'ProductStub' object has no attribute 'get\_product'

checkout\_and\_payment.py:91: AttributeError

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Regressiontest\_checkcart\_assignment2.py::test\_put\_product\_back\_into\_inventory FAILED [100%]

Regressiontest\_checkcart\_assignment2.py:221 (test\_put\_product\_back\_into\_inventory)

Test\_user = <checkout\_and\_payment.User object at 0x00000207D6E2FA40>

Test\_cart = <checkout\_and\_payment.ShoppingCart object at 0x00000207D6E2E390>

capsys = <\_pytest.capture.CaptureFixture object at 0x00000207D6E2D820>

def test\_put\_product\_back\_into\_inventory(Test\_user, Test\_cart, capsys):

original\_units = 5

product1 = ProductStub("Product1", 10, original\_units)

Test\_cart.add\_item(product1)

# Ensure the product is in the cart

assert len(Test\_cart.items) == 1

with patch("builtins.input", side\_effect=["R", "1"]):

removed\_product = Test\_cart.items[0]

> result = check\_cart(Test\_user, Test\_cart)

Regressiontest\_checkcart\_assignment2.py:232:

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

user = <checkout\_and\_payment.User object at 0x00000207D6E2FA40>

cart = <checkout\_and\_payment.ShoppingCart object at 0x00000207D6E2E390>

def check\_cart(user, cart):

# Print products in the cart

for i in cart.retrieve\_item():

> print(i.get\_product())

E AttributeError: 'ProductStub' object has no attribute 'get\_product'

checkout\_and\_payment.py:91: AttributeError

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**======================Short Test summary Results====================**

test\_check\_cart\_print\_product\_details PASSED

test\_check\_cart\_empty\_cart PASSED

test\_check\_cart\_with\_checkout PASSED

test\_check\_cart\_invalid\_input PASSED [ 22%]

test\_check\_cart\_add\_out\_of\_stock\_product PASSED

test\_empty\_cart PASSED

test\_insufficient\_balance PASSED

test\_successful\_checkout FAILED

test\_checkout\_clears\_cart PASSED

test\_add\_multiple\_products\_and\_check\_total\_price PASSED

test\_load\_products\_from\_csv\_correct\_number\_of\_products PASSED

test\_load\_products\_from\_csv\_correct\_product\_attributes PASSED

test\_load\_products\_from\_csv\_correct\_product\_values PASSED

test\_load\_products\_from\_csv\_non\_existing\_file PASSED

test\_load\_products\_from\_csv\_negative\_units PASSED

**test\_query\_cart FAILED**

**test\_remove\_from\_cart FAILED**

**test\_put\_product\_back\_into\_inventory FAILED**

**========================= 4 failed, 14 passed in 0.25s**