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

platform win32 -- Python 3.12.2, pytest-8.3.3, pluggy-1.5.0

rootdir: D:\HARRISBURG\Harrisburg Master's Fifth Term Late Summer\CISC 699\DiscordBotProject\_CISC699

configfile: pytest.ini

testpaths: UnitTesting

plugins: asyncio-0.24.0

asyncio: mode=Mode.AUTO, default\_loop\_scope=function

collected 54 items

UnitTesting/unitTest\_add\_account.py::test\_add\_account\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_add\_account\_success

-------------------------------- live log call --------------------------------

Entity Layer Expected: Account for example.com added successfully.

Entity Layer Received: Account for example.com added successfully.

Unit Test Passed for entity layer.

Control Layer Expected: Account for example.com added successfully.

Control Layer Received: Account for example.com added successfully.

Unit Test Passed for control layer.

PASSED [ 1%]

------------------------------ live log teardown ------------------------------

Finished test: test\_add\_account\_success

------------------------------------------------------

UnitTesting/unitTest\_add\_account.py::test\_add\_account\_failure\_invalid\_data

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_add\_account\_failure\_invalid\_data

-------------------------------- live log call --------------------------------

Control Layer Expected: Failed to add account for example.com.

Control Layer Received: Failed to add account for example.com.

Unit Test Passed for control layer invalid data handling.

PASSED [ 3%]

------------------------------ live log teardown ------------------------------

Finished test: test\_add\_account\_failure\_invalid\_data

------------------------------------------------------

UnitTesting/unitTest\_add\_account.py::test\_add\_account\_failure\_entity\_error

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_add\_account\_failure\_entity\_error

-------------------------------- live log call --------------------------------

Control Layer Expected: Control Layer Exception: Database Error

Control Layer Received: Control Layer Exception: Database Error

Unit Test Passed for control layer error handling.

PASSED [ 5%]

------------------------------ live log teardown ------------------------------

Finished test: test\_add\_account\_failure\_entity\_error

------------------------------------------------------

UnitTesting/unitTest\_add\_account.py::test\_add\_account\_already\_exists

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_add\_account\_already\_exists

-------------------------------- live log call --------------------------------

Control Layer Expected: Failed to add account for example.com. Account already exists.

Control Layer Received: Failed to add account for example.com. Account already exists.

Unit Test Passed for control layer when account already exists.

PASSED [ 7%]

------------------------------ live log teardown ------------------------------

Finished test: test\_add\_account\_already\_exists

------------------------------------------------------

UnitTesting/unitTest\_check\_availability.py::test\_check\_availability\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_check\_availability\_success

-------------------------------- live log call --------------------------------

Entity Layer Expected: Selected or default date current date is available for booking.

Entity Layer Received: Selected or default date current date is available for booking.

Unit Test Passed for entity layer.

Control Layer Expected: Checked availability: Selected or default date current date is available for booking.

Control Layer Received: Checked availability: Selected or default date current date is available for booking.

Unit Test Passed for control layer.

PASSED [ 9%]

------------------------------ live log teardown ------------------------------

Finished test: test\_check\_availability\_success

------------------------------------------------------

UnitTesting/unitTest\_check\_availability.py::test\_check\_availability\_failure\_entity

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_check\_availability\_failure\_entity

-------------------------------- live log call --------------------------------

Control Layer Expected: Failed to check availability: Failed to check availability

Control Layer Received: Failed to check availability: Failed to check availability

Unit Test Passed for entity layer error handling.

PASSED [ 11%]

------------------------------ live log teardown ------------------------------

Finished test: test\_check\_availability\_failure\_entity

------------------------------------------------------

UnitTesting/unitTest\_check\_availability.py::test\_check\_availability\_no\_availability

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_check\_availability\_no\_availability

-------------------------------- live log call --------------------------------

Entity Layer Received: No availability for the selected date.

Control Layer Received: Checked availability: No availability for the selected date.

Unit Test Passed for control layer no availability handling.

PASSED [ 12%]

------------------------------ live log teardown ------------------------------

Finished test: test\_check\_availability\_no\_availability

------------------------------------------------------

UnitTesting/unitTest\_check\_availability.py::test\_check\_availability\_failure\_control

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_check\_availability\_failure\_control

-------------------------------- live log call --------------------------------

Control Layer Expected: Control Layer Exception: Control Layer Failed

Control Layer Received: Control Layer Exception: Control Layer Failed

Unit Test Passed for control layer failure.

PASSED [ 14%]

------------------------------ live log teardown ------------------------------

Finished test: test\_check\_availability\_failure\_control

------------------------------------------------------

UnitTesting/unitTest\_close\_browser.py::test\_close\_browser\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_close\_browser\_success

-------------------------------- live log call --------------------------------

Entity Layer Expected: Browser closed.

Entity Layer Received: Browser closed.

Unit Test Passed for entity layer.

Control Layer Expected: Control Object Result: Browser closed.

Control Layer Received: Control Object Result: Browser closed.

Unit Test Passed for control layer.

PASSED [ 16%]

------------------------------ live log teardown ------------------------------

Finished test: test\_close\_browser\_success

------------------------------------------------------

UnitTesting/unitTest\_close\_browser.py::test\_close\_browser\_not\_open

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_close\_browser\_not\_open

-------------------------------- live log call --------------------------------

Entity Layer Expected: No browser is currently open.

Entity Layer Received: No browser is currently open.

Unit Test Passed for entity layer.

Control Layer Expected: Control Object Result: No browser is currently open.

Control Layer Received: Control Object Result: No browser is currently open.

Unit Test Passed for control layer.

PASSED [ 18%]

------------------------------ live log teardown ------------------------------

Finished test: test\_close\_browser\_not\_open

------------------------------------------------------

UnitTesting/unitTest\_close\_browser.py::test\_close\_browser\_failure\_control

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_close\_browser\_failure\_control

-------------------------------- live log call --------------------------------

Control Layer Expected to Report: Control Layer Exception: Unexpected error

Control Layer Received: Control Layer Exception: Unexpected error

Unit Test Passed for control layer error handling.

PASSED [ 20%]

------------------------------ live log teardown ------------------------------

Finished test: test\_close\_browser\_failure\_control

------------------------------------------------------

UnitTesting/unitTest\_close\_browser.py::test\_close\_browser\_failure\_entity

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_close\_browser\_failure\_entity

-------------------------------- live log call --------------------------------

Entity Layer Expected Failure: BrowserEntity\_Failed to close browser: Internal error

Control Layer Received: Control Layer Exception: BrowserEntity\_Failed to close browser: Internal error

Unit Test Passed for entity layer error handling.

PASSED [ 22%]

------------------------------ live log teardown ------------------------------

Finished test: test\_close\_browser\_failure\_entity

------------------------------------------------------

UnitTesting/unitTest\_delete\_account.py::test\_delete\_account\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_delete\_account\_success

-------------------------------- live log call --------------------------------

Entity Layer Expected: Account with ID 1 deleted successfully.

Entity Layer Received: True

Unit Test Passed for entity layer.

Control Layer Expected: Account with ID 1 deleted successfully.

Control Layer Received: Account with ID 1 deleted successfully.

Unit Test Passed for control layer.

PASSED [ 24%]

------------------------------ live log teardown ------------------------------

Finished test: test\_delete\_account\_success

------------------------------------------------------

UnitTesting/unitTest\_delete\_account.py::test\_delete\_account\_not\_found

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_delete\_account\_not\_found

-------------------------------- live log call --------------------------------

Control Layer Expected: Failed to delete account with ID 999.

Control Layer Received: Failed to delete account with ID 999.

Unit Test Passed for control layer with account not found.

PASSED [ 25%]

------------------------------ live log teardown ------------------------------

Finished test: test\_delete\_account\_not\_found

------------------------------------------------------

UnitTesting/unitTest\_delete\_account.py::test\_delete\_account\_failure\_entity

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_delete\_account\_failure\_entity

-------------------------------- live log call --------------------------------

Control Layer Expected: Error deleting account.

Control Layer Received: Error deleting account.

Unit Test Passed for entity layer error handling.

PASSED [ 27%]

------------------------------ live log teardown ------------------------------

Finished test: test\_delete\_account\_failure\_entity

------------------------------------------------------

UnitTesting/unitTest\_delete\_account.py::test\_delete\_account\_failure\_control

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_delete\_account\_failure\_control

-------------------------------- live log call --------------------------------

Control Layer Expected: Control Layer Exception: Control Layer Failed

Control Layer Received: Control Layer Exception: Control Layer Failed

Unit Test Passed for control layer failure.

PASSED [ 29%]

------------------------------ live log teardown ------------------------------

Finished test: test\_delete\_account\_failure\_control

------------------------------------------------------

UnitTesting/unitTest\_fetch\_all\_accounts.py::test\_fetch\_all\_accounts\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_fetch\_all\_accounts\_success

-------------------------------- live log call --------------------------------

Entity Layer Expected: Accounts:

ID: 1, Username: user1, Password: pass1, Website: example.com

ID: 2, Username: user2, Password: pass2, Website: test.com

Entity Layer Received: [(1, 'user1', 'pass1', 'example.com'), (2, 'user2', 'pass2', 'test.com')]

Unit Test Passed for entity layer.

Control Layer Expected: Accounts:

ID: 1, Username: user1, Password: pass1, Website: example.com

ID: 2, Username: user2, Password: pass2, Website: test.com

Control Layer Received: Accounts:

ID: 1, Username: user1, Password: pass1, Website: example.com

ID: 2, Username: user2, Password: pass2, Website: test.com

Unit Test Passed for control layer.

PASSED [ 31%]

------------------------------ live log teardown ------------------------------

Finished test: test\_fetch\_all\_accounts\_success

------------------------------------------------------

UnitTesting/unitTest\_fetch\_all\_accounts.py::test\_fetch\_all\_accounts\_no\_accounts

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_fetch\_all\_accounts\_no\_accounts

-------------------------------- live log call --------------------------------

Control Layer Expected: No accounts found.

Control Layer Received: No accounts found.

Unit Test Passed for control layer no accounts found.

PASSED [ 33%]

------------------------------ live log teardown ------------------------------

Finished test: test\_fetch\_all\_accounts\_no\_accounts

------------------------------------------------------

UnitTesting/unitTest\_fetch\_all\_accounts.py::test\_fetch\_all\_accounts\_failure\_entity

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_fetch\_all\_accounts\_failure\_entity

-------------------------------- live log call --------------------------------

Control Layer Expected: Error fetching accounts.

Control Layer Received: Error fetching accounts.

Unit Test Passed for entity layer error handling.

PASSED [ 35%]

------------------------------ live log teardown ------------------------------

Finished test: test\_fetch\_all\_accounts\_failure\_entity

------------------------------------------------------

UnitTesting/unitTest\_get\_price.py::test\_get\_price\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_get\_price\_success

-------------------------------- live log call --------------------------------

Entity Layer Expected: $199.99

Entity Layer Received: $199.99

Unit Test Passed for entity layer.

Control Layer Expected: $199.99

Control Layer Received: $199.99

Unit Test Passed for control layer.

PASSED [ 37%]

------------------------------ live log teardown ------------------------------

Finished test: test\_get\_price\_success

------------------------------------------------------

UnitTesting/unitTest\_get\_price.py::test\_get\_price\_invalid\_url

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_get\_price\_invalid\_url

-------------------------------- live log call --------------------------------

Control Layer Expected: Error fetching price: Invalid URL

Control Layer Received: Error fetching price: Invalid URL

Unit Test Passed for control layer invalid URL handling.

PASSED [ 38%]

------------------------------ live log teardown ------------------------------

Finished test: test\_get\_price\_invalid\_url

------------------------------------------------------

UnitTesting/unitTest\_get\_price.py::test\_get\_price\_failure\_entity

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_get\_price\_failure\_entity

-------------------------------- live log call --------------------------------

Control Layer Expected: Failed to fetch price: Failed to fetch price

Control Layer Received: Failed to fetch price: Failed to fetch price

Unit Test Passed for entity layer error handling.

PASSED [ 40%]

------------------------------ live log teardown ------------------------------

Finished test: test\_get\_price\_failure\_entity

------------------------------------------------------

UnitTesting/unitTest\_get\_price.py::test\_get\_price\_failure\_control

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_get\_price\_failure\_control

-------------------------------- live log call --------------------------------

Control Layer Expected: Control Layer Exception: Control Layer Failed

Control Layer Received: Control Layer Exception: Control Layer Failed

Unit Test Passed for control layer failure.

PASSED [ 42%]

------------------------------ live log teardown ------------------------------

Finished test: test\_get\_price\_failure\_control

------------------------------------------------------

UnitTesting/unitTest\_launch\_browser.py::test\_launch\_browser\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_launch\_browser\_success

-------------------------------- live log call --------------------------------

Entity Layer Expected: Browser launched.

Entity Layer Received: Browser launched.

Unit Test Passed for entity layer.

Control Layer Expected: Control Object Result: Browser launched.

Control Layer Received: Control Object Result: Browser launched.

Unit Test Passed for control layer.

PASSED [ 44%]

------------------------------ live log teardown ------------------------------

Finished test: test\_launch\_browser\_success

------------------------------------------------------

UnitTesting/unitTest\_launch\_browser.py::test\_launch\_browser\_already\_running

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_launch\_browser\_already\_running

-------------------------------- live log call --------------------------------

Entity Layer Expected: Browser is already running.

Entity Layer Received: Browser is already running.

Unit Test Passed for entity layer.

Control Layer Expected: Control Object Result: Browser is already running.

Control Layer Received: Control Object Result: Browser is already running.

Unit Test Passed for control layer.

PASSED [ 46%]

------------------------------ live log teardown ------------------------------

Finished test: test\_launch\_browser\_already\_running

------------------------------------------------------

UnitTesting/unitTest\_launch\_browser.py::test\_launch\_browser\_failure\_control

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_launch\_browser\_failure\_control

-------------------------------- live log call --------------------------------

Control Layer Expected to Report: Control Layer Exception: Internal error

Control Layer Received: Control Layer Exception: Internal error

Unit Test Passed for control layer error handling.

PASSED [ 48%]

------------------------------ live log teardown ------------------------------

Finished test: test\_launch\_browser\_failure\_control

------------------------------------------------------

UnitTesting/unitTest\_launch\_browser.py::test\_launch\_browser\_failure\_entity

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_launch\_browser\_failure\_entity

-------------------------------- live log call --------------------------------

Entity Layer Expected Failure: Failed to launch browser: Internal error

Control Layer Received: Control Layer Exception: Failed to launch browser: Internal error

Unit Test Passed for entity layer error handling.

PASSED [ 50%]

------------------------------ live log teardown ------------------------------

Finished test: test\_launch\_browser\_failure\_entity

------------------------------------------------------

UnitTesting/unitTest\_login.py::test\_login\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_login\_success

-------------------------------- live log call --------------------------------

Entity Layer Expected: Logged in to http://example.com successfully with username: sample\_username

Entity Layer Received: Logged in to http://example.com successfully with username: sample\_username

Unit Test Passed for entity layer.

Control Layer Expected: Control Object Result: Logged in to http://example.com successfully with username: sample\_username

Control Layer Received: Control Object Result: Logged in to http://example.com successfully with username: sample\_username

Unit Test Passed for control layer.

PASSED [ 51%]

------------------------------ live log teardown ------------------------------

Finished test: test\_login\_success

------------------------------------------------------

UnitTesting/unitTest\_login.py::test\_login\_no\_account

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_login\_no\_account

-------------------------------- live log call --------------------------------

Control Layer Expected: No account found for example.com

Control Layer Received: No account found for example.com

Unit Test Passed for missing account handling.

PASSED [ 53%]

------------------------------ live log teardown ------------------------------

Finished test: test\_login\_no\_account

------------------------------------------------------

UnitTesting/unitTest\_login.py::test\_login\_entity\_layer\_failure

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_login\_entity\_layer\_failure

-------------------------------- live log call --------------------------------

Control Layer Expected: Control Layer Exception: BrowserEntity\_Failed to log in to http://example.com: Internal error

Control Layer Received: Control Layer Exception: BrowserEntity\_Failed to log in to http://example.com: Internal error

Unit Test Passed for entity layer failure.

PASSED [ 55%]

------------------------------ live log teardown ------------------------------

Finished test: test\_login\_entity\_layer\_failure

------------------------------------------------------

UnitTesting/unitTest\_login.py::test\_login\_control\_layer\_failure

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_login\_control\_layer\_failure

-------------------------------- live log call --------------------------------

Control Layer Expected: Control Layer Exception: Control layer failure during account fetch.

Control Layer Received: Control Layer Exception: Control layer failure during account fetch.

Unit Test Passed for control layer failure handling.

PASSED [ 57%]

------------------------------ live log teardown ------------------------------

Finished test: test\_login\_control\_layer\_failure

------------------------------------------------------

UnitTesting/unitTest\_login.py::test\_login\_invalid\_url

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_login\_invalid\_url

-------------------------------- live log call --------------------------------

Control Layer Expected: URL for example not found.

Control Layer Received: URL for example not found.

Unit Test Passed for missing URL/selector handling.

PASSED [ 59%]

------------------------------ live log teardown ------------------------------

Finished test: test\_login\_invalid\_url

------------------------------------------------------

UnitTesting/unitTest\_navigate\_to\_website.py::test\_navigate\_to\_website\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_navigate\_to\_website\_success

-------------------------------- live log call --------------------------------

Entity Layer Expected: Navigated to https://example.com

Entity Layer Received: Navigated to https://example.com

Unit Test Passed for entity layer.

Control Layer Expected: Control Object Result: Navigated to https://example.com

Control Layer Received: Control Object Result: Navigated to https://example.com

Unit Test Passed for control layer.

PASSED [ 61%]

------------------------------ live log teardown ------------------------------

Finished test: test\_navigate\_to\_website\_success

------------------------------------------------------

UnitTesting/unitTest\_navigate\_to\_website.py::test\_navigate\_to\_website\_invalid\_url

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_navigate\_to\_website\_invalid\_url

-------------------------------- live log call --------------------------------

Control Layer Expected: URL for invalid\_site not found.

Control Layer Received: URL for invalid\_site not found.

Unit Test Passed for control layer invalid URL handling.

PASSED [ 62%]

------------------------------ live log teardown ------------------------------

Finished test: test\_navigate\_to\_website\_invalid\_url

------------------------------------------------------

UnitTesting/unitTest\_navigate\_to\_website.py::test\_navigate\_to\_website\_failure\_entity

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_navigate\_to\_website\_failure\_entity

-------------------------------- live log call --------------------------------

Control Layer Expected: Control Layer Exception: Failed to navigate

Control Layer Received: Control Layer Exception: Failed to navigate

Unit Test Passed for entity layer error handling.

PASSED [ 64%]

------------------------------ live log teardown ------------------------------

Finished test: test\_navigate\_to\_website\_failure\_entity

------------------------------------------------------

UnitTesting/unitTest\_navigate\_to\_website.py::test\_navigate\_to\_website\_launch\_browser\_on\_failure

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_navigate\_to\_website\_launch\_browser\_on\_failure

-------------------------------- live log call --------------------------------

Control Layer Expected: Control Object Result: Navigated to https://example.com

Control Layer Received: Control Object Result: Navigated to https://example.com

Unit Test Passed for control layer with browser launch.

PASSED [ 66%]

------------------------------ live log teardown ------------------------------

Finished test: test\_navigate\_to\_website\_launch\_browser\_on\_failure

------------------------------------------------------

UnitTesting/unitTest\_navigate\_to\_website.py::test\_navigate\_to\_website\_failure\_control

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_navigate\_to\_website\_failure\_control

-------------------------------- live log call --------------------------------

Control Layer Expected: Control Layer Exception: Control Layer Failed

Control Layer Received: Control Layer Exception: Control Layer Failed

Unit Test Passed for control layer failure.

PASSED [ 68%]

------------------------------ live log teardown ------------------------------

Finished test: test\_navigate\_to\_website\_failure\_control

------------------------------------------------------

UnitTesting/unitTest\_project\_help.py::test\_project\_help\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_project\_help\_success

-------------------------------- live log call --------------------------------

Control Layer Expected: Here are the available commands:

!project\_help - Get help on available commands.

!fetch\_all\_accounts - Fetch all stored accounts.

!add\_account 'username' 'password' 'website' - Add a new account to the database.

!fetch\_account\_by\_website 'website' - Fetch account details by website.

!delete\_account 'account\_id' - Delete an account by its ID.

!launch\_browser - Launch the browser.

!close\_browser - Close the browser.

!navigate\_to\_website 'url' - Navigate to a specified website.

!login 'website' - Log in to a website (e.g., !login bestbuy).

!get\_price 'url' - Check the price of a product on a specified website.

!start\_monitoring\_price 'url' 'frequency' - Start monitoring a product's price at a specific interval (frequency in minutes).

!stop\_monitoring\_price - Stop monitoring the product's price.

!check\_availability 'url' - Check availability for a restaurant or service.

!start\_monitoring\_availability 'url' 'frequency' - Monitor availability at a specific interval.

!stop\_monitoring\_availability - Stop monitoring availability.

!stop\_bot - Stop the bot.

Control Layer Received: Here are the available commands:

!project\_help - Get help on available commands.

!fetch\_all\_accounts - Fetch all stored accounts.

!add\_account 'username' 'password' 'website' - Add a new account to the database.

!fetch\_account\_by\_website 'website' - Fetch account details by website.

!delete\_account 'account\_id' - Delete an account by its ID.

!launch\_browser - Launch the browser.

!close\_browser - Close the browser.

!navigate\_to\_website 'url' - Navigate to a specified website.

!login 'website' - Log in to a website (e.g., !login bestbuy).

!get\_price 'url' - Check the price of a product on a specified website.

!start\_monitoring\_price 'url' 'frequency' - Start monitoring a product's price at a specific interval (frequency in minutes).

!stop\_monitoring\_price - Stop monitoring the product's price.

!check\_availability 'url' - Check availability for a restaurant or service.

!start\_monitoring\_availability 'url' 'frequency' - Monitor availability at a specific interval.

!stop\_monitoring\_availability - Stop monitoring availability.

!stop\_bot - Stop the bot.

Unit Test Passed for project help.

PASSED [ 70%]

------------------------------ live log teardown ------------------------------

Finished test: test\_project\_help\_success

------------------------------------------------------

UnitTesting/unitTest\_project\_help.py::test\_project\_help\_failure

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_project\_help\_failure

-------------------------------- live log call --------------------------------

Control Layer Expected: Error handling help command: Error handling help command

Control Layer Received: Error handling help command: Error handling help command

Unit Test Passed for error handling in project help.

PASSED [ 72%]

------------------------------ live log teardown ------------------------------

Finished test: test\_project\_help\_failure

------------------------------------------------------

UnitTesting/unitTest\_start\_monitoring\_availability.py::test\_start\_monitoring\_availability\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_start\_monitoring\_availability\_success

-------------------------------- live log call --------------------------------

Monitoring Iteration: Checked availability: Selected or default date is available for booking.

Control Layer Expected: ['Checked availability: Selected or default date is available for booking.', 'Monitoring stopped successfully!']

Control Layer Received: ['Checked availability: Selected or default date is available for booking.', 'Monitoring stopped successfully!']

Unit Test Passed for control layer.

PASSED [ 74%]

------------------------------ live log teardown ------------------------------

Finished test: test\_start\_monitoring\_availability\_success

------------------------------------------------------

UnitTesting/unitTest\_start\_monitoring\_availability.py::test\_start\_monitoring\_availability\_failure\_entity

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_start\_monitoring\_availability\_failure\_entity

-------------------------------- live log call --------------------------------

Monitoring Iteration: Failed to check availability: Failed to check availability

Control Layer Expected: ['Failed to check availability: Failed to check availability', 'Monitoring stopped successfully!']

Control Layer Received: ['Failed to check availability: Failed to check availability', 'Monitoring stopped successfully!']

Unit Test Passed for entity layer error handling.

PASSED [ 75%]

------------------------------ live log teardown ------------------------------

Finished test: test\_start\_monitoring\_availability\_failure\_entity

------------------------------------------------------

UnitTesting/unitTest\_start\_monitoring\_availability.py::test\_start\_monitoring\_availability\_failure\_control

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_start\_monitoring\_availability\_failure\_control

-------------------------------- live log call --------------------------------

Control Layer Expected: Control Layer Exception: Control Layer Failed

Control Layer Received: Control Layer Exception: Control Layer Failed

Unit Test Passed for control layer failure.

PASSED [ 77%]

------------------------------ live log teardown ------------------------------

Finished test: test\_start\_monitoring\_availability\_failure\_control

------------------------------------------------------

UnitTesting/unitTest\_start\_monitoring\_availability.py::test\_start\_monitoring\_availability\_already\_running

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_start\_monitoring\_availability\_already\_running

-------------------------------- live log call --------------------------------

Control Layer Expected: Already monitoring availability.

Control Layer Received: Already monitoring availability.

Unit Test Passed for control layer already running handling.

PASSED [ 79%]

------------------------------ live log teardown ------------------------------

Finished test: test\_start\_monitoring\_availability\_already\_running

------------------------------------------------------

UnitTesting/unitTest\_start\_monitoring\_price.py::test\_start\_monitoring\_price\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_start\_monitoring\_price\_success

-------------------------------- live log call --------------------------------

Entity Layer Expected: Starting price monitoring. Current price: 100 USD

Control Layer Received: Starting price monitoring. Current price: 100 USD

Unit Test Passed for start\_monitoring\_price success scenario.

PASSED [ 81%]

------------------------------ live log teardown ------------------------------

Finished test: test\_start\_monitoring\_price\_success

------------------------------------------------------

UnitTesting/unitTest\_start\_monitoring\_price.py::test\_start\_monitoring\_price\_already\_running

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_start\_monitoring\_price\_already\_running

-------------------------------- live log call --------------------------------

Control Layer Expected: Already monitoring prices.

Control Layer Received: Already monitoring prices.

Unit Test Passed for already running scenario.

PASSED [ 83%]

------------------------------ live log teardown ------------------------------

Finished test: test\_start\_monitoring\_price\_already\_running

------------------------------------------------------

UnitTesting/unitTest\_start\_monitoring\_price.py::test\_start\_monitoring\_price\_failure\_in\_entity

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_start\_monitoring\_price\_failure\_in\_entity

-------------------------------- live log call --------------------------------

Control Layer Expected: Starting price monitoring. Current price: Failed to fetch price: Error fetching price

Control Layer Received: Starting price monitoring. Current price: Failed to fetch price: Error fetching price

Unit Test Passed for entity layer failure scenario.

PASSED [ 85%]

------------------------------ live log teardown ------------------------------

Finished test: test\_start\_monitoring\_price\_failure\_in\_entity

------------------------------------------------------

UnitTesting/unitTest\_start\_monitoring\_price.py::test\_start\_monitoring\_price\_failure\_in\_control

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_start\_monitoring\_price\_failure\_in\_control

-------------------------------- live log call --------------------------------

Control Layer Expected: Control Layer Exception

Control Layer Received: Control Layer Exception: Control Layer Exception

Unit Test Passed for control layer failure scenario.

PASSED [ 87%]

------------------------------ live log teardown ------------------------------

Finished test: test\_start\_monitoring\_price\_failure\_in\_control

------------------------------------------------------

UnitTesting/unitTest\_stop\_bot.py::test\_stop\_bot\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_stop\_bot\_success

-------------------------------- live log call --------------------------------

Control Layer Expected: Bot has been shut down.

Control Layer Received: Bot has been shut down.

Unit Test Passed for control layer stop bot.

PASSED [ 88%]

------------------------------ live log teardown ------------------------------

Finished test: test\_stop\_bot\_success

------------------------------------------------------

UnitTesting/unitTest\_stop\_bot.py::test\_stop\_bot\_failure\_control

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_stop\_bot\_failure\_control

-------------------------------- live log call --------------------------------

Control Layer Expected: Control Layer Exception: Control Layer Failed

Control Layer Received: Control Layer Exception: Control Layer Failed

Unit Test Passed for control layer failure.

PASSED [ 90%]

------------------------------ live log teardown ------------------------------

Finished test: test\_stop\_bot\_failure\_control

------------------------------------------------------

UnitTesting/unitTest\_stop\_monitoring\_availability.py::test\_stop\_monitoring\_availability\_success

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_stop\_monitoring\_availability\_success

-------------------------------- live log call --------------------------------

Control Layer Expected to contain: Monitoring stopped successfully!

Control Layer Received: Results for availability monitoring:

Checked availability: Selected or default date is available for booking.

Monitoring stopped successfully!

Unit Test Passed for stop monitoring availability.

PASSED [ 92%]

------------------------------ live log teardown ------------------------------

Finished test: test\_stop\_monitoring\_availability\_success

------------------------------------------------------

UnitTesting/unitTest\_stop\_monitoring\_availability.py::test\_stop\_monitoring\_availability\_no\_active\_session

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_stop\_monitoring\_availability\_no\_active\_session

-------------------------------- live log call --------------------------------

Control Layer Expected: There was no active availability monitoring session. Nothing to stop.

Control Layer Received: There was no active availability monitoring session. Nothing to stop.

Unit Test Passed for stop monitoring with no active session.

PASSED [ 94%]

------------------------------ live log teardown ------------------------------

Finished test: test\_stop\_monitoring\_availability\_no\_active\_session

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UnitTesting/unitTest\_stop\_monitoring\_price.py::test\_stop\_monitoring\_price\_success

------------------------------- live log setup --------------------------------

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Starting test: test\_stop\_monitoring\_price\_success

-------------------------------- live log call --------------------------------

Control Layer Expected: Results for price monitoring:

Price went up!

Price went down!

Price monitoring stopped successfully!

Control Layer Received: Results for price monitoring:

Price went up!

Price went down!

Price monitoring stopped successfully!

Unit Test Passed for stop\_monitoring\_price success scenario.

PASSED [ 96%]

------------------------------ live log teardown ------------------------------

Finished test: test\_stop\_monitoring\_price\_success

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UnitTesting/unitTest\_stop\_monitoring\_price.py::test\_stop\_monitoring\_price\_not\_active

------------------------------- live log setup --------------------------------

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Starting test: test\_stop\_monitoring\_price\_not\_active

-------------------------------- live log call --------------------------------

Control Layer Expected: There was no active price monitoring session. Nothing to stop.

Control Layer Received: There was no active price monitoring session. Nothing to stop.

Unit Test Passed for stop\_monitoring\_price when not active.

PASSED [ 98%]

------------------------------ live log teardown ------------------------------

Finished test: test\_stop\_monitoring\_price\_not\_active

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UnitTesting/unitTest\_stop\_monitoring\_price.py::test\_stop\_monitoring\_price\_failure\_in\_control

------------------------------- live log setup --------------------------------

------------------------------------------------------

Starting test: test\_stop\_monitoring\_price\_failure\_in\_control

-------------------------------- live log call --------------------------------

Control Layer Expected: Error stopping price monitoring

Control Layer Received: Error stopping price monitoring

Unit Test Passed for stop\_monitoring\_price failure scenario.

PASSED [100%]

------------------------------ live log teardown ------------------------------

Finished test: test\_stop\_monitoring\_price\_failure\_in\_control

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============================= 54 passed in 3.91s ==============================