### **Total 33 Items.**

### **5 failed, 23 passed, 5 errors**

### **Passed Tests**

The following tests passed, which means the expected behavior was observed:

* test\_conqt\_pages\_load
* test\_all\_api\_endpoints
* test\_conqt\_contrast\_ratios
* test\_conqt\_discernible\_links
* Individual page tests (e.g., test\_pages[https://www.conqt.com/])
* Individual API tests (e.g., test\_apis[https://www.conqt.com/api/products])
* Individual contrast ratio tests (e.g., test\_contrast[https://www.conqt.com/])
* Individual link tests (e.g., test\_links[https://www.conqt.com/])

These tests passed because:

1. The pages and APIs were accessible and returned the expected content.
2. The contrast ratios and links on the pages met the specified criteria.
3. Data consistency between pages and APIs was correct in the cases tested.

**Failed Tests**

The following tests failed, which indicates the actual behavior did not match the expected behavior:

* test\_conqt\_data\_consistency
* test\_data\_consistency\_pages[https://www.conqt.com/view-all-product-https://www.conqt.com/api/products]
* test\_data\_consistency\_pages[https://www.conqt.com/AWS-Cloud-Storage-https://www.conqt.com/api/aws-cloud-storage]
* test\_data\_consistency\_pages[https://www.conqt.com/faqs-https://www.conqt.com/api/faqs]
* test\_data\_consistency\_pages[https://www.conqt.com/conqt-university-https://www.conqt.com/api/conqt-university]

These tests failed because:

1. The data returned by the API did not match the data displayed on the corresponding pages.
2. The JSON response from the API was not in the expected format or contained invalid data, leading to JSONDecodeError.
3. There could be issues with the API endpoints returning incorrect or incomplete data compared to the page content.

**Errors**

The following tests encountered errors, which prevented them from running successfully:

* test\_page\_load
* test\_api\_endpoint
* test\_data\_consistency
* test\_contrast\_ratio
* test\_discernible\_links

These tests encountered errors due to the following reasons:

**test\_page\_load**

* The error message indicates an issue at line 5 in test\_conqt.py, which could be a setup or import issue.

**test\_api\_endpoint**

* The error message at line 24 suggests there might be an issue with the setup or initial checks before the test runs.

**test\_data\_consistency**

* The error indicates a JSONDecodeError while trying to parse the API response. This typically occurs if the response is not valid JSON (e.g., HTML error page returned instead of JSON).

**test\_contrast\_ratio**

* The error at line 72 suggests there could be an issue in the setup or configuration for contrast ratio tests.

**test\_discernible\_links**

* The error at line 92 suggests a similar setup or configuration issue for discernible link tests.

**Possible Fixes**

1. **Check API Endpoints**: Ensure the API endpoints return valid JSON and match the data displayed on the corresponding pages.
2. **Setup and Configuration**: Review the setup code in test\_conqt.py to ensure all necessary imports, configurations, and initializations are correct.
3. **Error Handling**: Add error handling to catch and log detailed error messages, especially for JSONDecodeError, to identify and fix issues with API responses.
4. **Consistency Checks**: Verify that the data consistency tests are correctly implemented and compare the right data sets between the pages and APIs.

Reviewing and fixing the issues identified in the failed and error tests should help improve the reliability and accuracy of the test suite.