**Template for Documenting API Testing**

Student Name:   
Student Number:

**Dataset Tables: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Provide evidence of testing 5 endpoints.

**Endpoint 1**

**Endpoint Address**: /get\_math\_tags

Pytest

**Several lines describing the test:**

This test fixture is to verify the /get\_math\_tags endpoint which retrieves the documents from the categories collection that have a tag with the name of “math”. It checks the response from the /get\_math\_tags endpoint to see if it contains the expected data.

**Endpoint 2**

**Endpoint Address**: /get\_mmt\_severity\_high

Pytest

**Several lines describing the test:**

This test fixture is to verify the /get\_mmet\_severity\_high endpoint which retrieves documents from the categories collection that have a categeory field of "Method, Mathematics and Terminology", a severity field value of "High" and a Priority field value of "Critical". It then checks that the response from the /get\_mmet\_severity\_high endpoint contains the expected data.

**Endpoint 3**

**Endpoint Address**: /get\_appendix\_missingContent\_tag

Pytest

**Several lines describing the test:**

This test fixture is to verify the / get\_appendix\_missingContent\_tag endpoint which retrieves documents from the categories collection that have both “appendix” tag and “missing content” tag. It then checks that the response from the /get\_appendix\_missingContent\_tag endpoint contains the expected data.

**Endpoint 4**

**Endpoint Address**:/get\_doc\_15th\_onwards

Pytest

**Several lines describing the test:**

This test fixture is to verify the /get\_doc\_15th\_onwards endpoint which retrieves documents from the categories collection that have a date field of January 20, 2024, or later. It then checks that the response from the /get\_mmet\_severity\_high endpoint contains the expected data.

**Endpoint 5**

**Endpoint Address**: /get\_important\_technical\_tag

Pytest

**Provide few lines describing the test.**

This test fixture is to verify the /get\_important\_technical\_tag endpoint which retrieves documents from the categories collection that have tag with a category field of “technical” and “importance” value of 4 or greater. It then checks that the response from the /get\_important\_technical\_tag endpoint contains the expected data.

**Pytest output – Success message screenshot**

Assertion error on status code

A computer screen shot of a program

Description automatically generated