

Unit Tests - GET

Test Cases:

Test Case 1: Retrieve All Documents

Objective: Validate that the system can retrieve all documents from each collection and return a HTTP 200 OK status.

Method: `get_all`

Test Steps:

1. Ensure each collection (`school` , `checklist` , `template` , `booking`) has pre-populated data.
2. Call `get_all` for each URI corresponding to the collections.
3. Assert that the HTTP response status is 200 OK for each collection.

Expected Result: The API should successfully retrieve all documents from each specified collection, and the response should be HTTP 200 OK.

Test Case 2: Retrieve Document by ID - Success

Objective: Ensure the system can correctly retrieve a document by its ID and return a HTTP 200 OK status.

Method: `get_by_id`

Test Steps:

1. Insert a document with a known ID into each collection.
2. Call `get_by_id` with the known ID for each document.
3. Assert the HTTP response status is 200 OK.
4. Verify the content of the response matches the requested document.

Expected Result: The system should successfully retrieve the document by ID from each collection, and the response should be HTTP 200 OK.

Test Case 3: Retrieve Document by ID - Not Found

Objective: Test the system's response when attempting to retrieve a document using a non-existent ID.

Method: `get_by_id_error`

Test Steps:

1. Use an ID that does not exist in the database.
2. Call `get_by_id_error` for each collection URI with the non-existent ID.
3. Assert the HTTP response status is 404 Not Found.

Expected Result: The system should return HTTP 404 Not Found for each invalid ID request.