Sprint 2 Testing

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Test 1: Database Connection and Sample Data Creation

Objective:

Ensure the database connection is established successfully and can handle sample data creation.

Steps:

1. Attempt to establish a connection with the database. Record whether the connection was successful or failed.
2. Upon successful connection, create sample data entries for patients, doctors, and addresses within the hospital.
3. Verify each entry is correctly stored in the database by attempting to retrieve it immediately after creation.

Expected Outcome:

- The database connection either passes or fails.
- Creating and storing sample data for patients, doctors, and addresses should be successful, indicating the database can handle CRUD (Create, Read, Update, Delete) operations as intended.

Actual Results:

This passed successfully, as it gave the expected results

Test 2: Data Retrieval

Objective:

Test the database's ability to retrieve specific data entries, focusing on doctors' details.

Steps:

1. Ensure the database connection is established (as per Test 1).
2. Attempt to retrieve the details of doctors stored in the database.
3. Check if the retrieved details match the sample data created previously and are correctly linked to their unique identifiers (e.g., unique labels or comments within the code that specify their database connections).

Expected Outcome:

- Retrieval of doctors' details should be successful, with all the information accurately pulled from the database.
- The test should confirm that each piece of data is correctly associated with its unique identifier, ensuring data integrity and accurate retrieval from the doctors' section of the database.

Actual Results:

This passed successfully, which gave the expected results.