describe("Book Service Tests", function() {

describe("getBooks()", function() {

// Test: Should return a status 200 and an array of books

// 1. Verify that the response status is 200.

// 2. Check that the first book includes the required keys: 'id', 'title', 'author', 'year', 'genre'.

});

describe("addBook()", function() {

// Test: Should add a new book successfully

// 1. Create a new valid book object.

// 2. Verify the response status is 201 and the success message is correct.

// 3. Verify that the newly added book is present in the book list.

// Test: Should return status 400 when adding a book with missing fields

// 1. Create an invalid book object with missing fields.

// 2. Check if the response status is 400 and the error message is "Invalid Book Data!".

});

describe("deleteBook()", function() {

// Test: Should delete a book by id successfully

// 1. Add a book and then delete it by its ID.

// 2. Verify the response status is 200 and the success message is correct.

// 3. Ensure the book count returns the sum of the initial count of the books and the count of the added books from the tests

// Test: Should return status 404 when deleting a book with a non-existent id

// 1. Attempt to delete a book with a non-existent ID.

// 2. Check that the response status is 404 and the error message is "Book Not Found!".

});

describe("updateBook()", function() {

// Test: Should update a book successfully

// 1. Create updated data for an existing book.

// 2. Verify the response status is 200 and the success message is correct.

// 3. Ensure that the updated book fields reflect the new data.

// Test: Should return status 404 when updating a non-existent book

// 1. Attempt to update a book that doesn't exist.

// 2. Check that the response status is 404 and the error message is "Book Not Found!".

// Test: Should return status 400 when updating with incomplete book data

// 1. Provide an incomplete book object with missing fields.

// 2. Verify that the response status is 400 and the error message is "Invalid Book Data!".

});

});