

Milestone 7 - Testing

Group: MCSSN-LibraryAssistant

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Components and Test Cases:

Book Search

Test case type	Unit Test – searchBook(string userInput)
Test target	Inventory Management Component
Test input	“Dog”
Expected output	Displays book on subject Dog

Quiz

Test case type	Unit Test – quizBook(int userChoice)
Test target	Quiz Component
Test input	Feeling: Happiness, joy, excitement
Expected output	User is shown a random related book. EX: Unlocking the Mysteries of Psychological Wealth

Sign up

Test case type	Unit Test – addUser(string username, string email, string password) : bool
Test target	User Management Component
Test input	“testUser, “testEmail”, “testPassword” --user is not in database
Expected output	True

Log in

Test case type	Unit Test – findUser(string username, string email, string password) : bool
Test target	User Management Component
Test input	“testUser, “testEmail”, “testPassword” --user is not in database
Expected output	False

Add to checked out

Test case type	Unit Test – checkOut(string bookID) : bool
Test target	Inventory Management Component

Test input	7G1qKE_s4vwC – book not already checked out
Expected output	True

Delete from Wishlist

Test case type	Unit Test – checkOut(string bookID) : bool
Test target	Inventory Management Component
Test input	7G1qKE_s4vwC – book in wishlist
Expected output	true

Selecting a book

Test case type	Unit Test – selectBook() :
Test target	Inventory Management Component
Test input	Pressing the select book button on the book
Expected output	Book info displayed