Milestone 7 – Construction (Testing)

Test type	Unit Test – getBook_id():number
Test target	Library Executive/Manager Component
Test input	Book (ID = 100)
Expected output	100

Test type	Unit Test – get_total_books():number
Test target	Book Management Component
Test input	Working Database
Expected output	20

Test type	Unit Test – check_availability(book id):bool
Test target	Display Books Component
Test input	ID = 0001 (Book is available)
Expected output	True

Test type	Unit Test – SignIn(librarianID):void
Test target	User Management Component
Test input	ID = 00001
Expected output	Librarian is signed in

Test type	Unit Test – logout (Librarian ID):void
Test target	Registration/login Component
Test input	ID = 01234
Expected output	True/Librarian is logged Out

Test type	Unit Test – Check_out_book(StudentID):void
Test target	Library Website Users Component
Test input	Student id = 0001
Expected output	Student 0001.getCurrentCheckedOut() == 1

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