Programming Assignment 2 Sprint Report

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Sprint 1

Epic: As a student of CS 221 I need to create the basic program architecture.

Backlog of User Stories	Done Date*
Create the project in Visual Studio, add a source file and add a main function to the source file.	10/01
Add .h and .cpp files for the Book_Inventory class.	10/01
Copy the BookRecord.h and BookRecord.cpp files from program 1 into this project folder and add them to the project.	10/01
Write the class definition in Book_Inventory.h.	10/01
Modify the getClassification and getCost functions in BookRecord to return the appropriate values.	10/01
Modify BookRecord to add a private **m_pNext** pointer and add the setNext and getNext functions.	10/01
Write stub function definitions in Book_Inventory.cpp for each function in the class. (Functions returning a value should return zero, NULL, etc. as appropriate.)	10/01
Add a cout line to each function in Book_Inventory just to report that the function was reached. Do this for the constructor and destructor also.	10/01
Add code to main to create an instance of Book_Inventory and make calls to all functions. Verify that all were reached.	10/01

Sprint 2

Epic: As a student of CS 221 I need to plan how to test each function in the assignment.

Epic: As a student of CS 221 I need to implement and verify each function in the assignment.

Backlog of User Stories	Done Date*
For each function in Book_Inventory determine exactly how you will test the function automatically from main. Add code to perform each of the automatic tests.	10/03
Add code, test and verify all modified functions in Book_Record.	
getCost, getClassification, getNext, setNext	10/03
Add code, test and verify all functions in Book_Inventory.	
readInventory()	10/03
addBook()	10/03
removeBook()	10/03
searchByStockNumber()	10/03
searchByClassification()	10/03
searchByCost()	10/03
getNumInStock()	10/03
printAll()	10/03
ClearList()	10/03
Verify against the SOW that all functionality of the project has been fully implemented.	10/03

***Done means you have implemented the code AND fully tested it.**
Double off if you say you have tested it and it fails when tested by the instructor.