

## Programming Assignment 4 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.	10/30
Add all required functions to the file with main as stub functions. (Functions returning a value should return zero, NULL, etc. as appropriate.)	10/30
Add a cout line to each function just to report that the function was reached.	10/30
Add code to main to make calls to all functions and verify that all were reached.	10/30

### Sprint 2

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

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

Backlog of User Stories	Done Date*
For each function in the program determine exactly how you will test the function automatically from main and add code to perform each of the automatic tests.	10/30
<b>Add code, test, and verify all functions</b>	
Hash1()	10/30
Hash2()	10/30
Hash3()	10/30
DoubleHash1()	10/30
DoubleHash2()	10/30
DoubleHash3()	10/30
Verify against the SOW that all functionality of the project has been fully implemented.	10/30
Prepare the final written report to be turned in with the source file and this Sprint Report.	10/30

\*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.