# Programming Assignment 2 Sprint Report

Name \_\_\_\_\_\_Ryan Davis\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**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. | July 2, 2018 |
| Add .h and .cpp files for the CustomerList class. | July 2, 2018 |
| Copy the EmployeeRecord.h and EmployeeRecord.cpp files from program 1 into this project folder and add them to the project. | July 2, 2018 |
| Write the class definition in CustomerList.h. | July 2, 2018 |
| Modify the getDept and getSalary functions in EmployeeRecord to return the appropriate values. | July 4, 2018 |
| Modify EmployeeRecord to add a private **m\_pCustomerList** pointer to an instance of CustomerList. | July 4, 2018 |
| Write stub function definitions in CustomerList.cpp for each function in the class. (Functions returning a value should return zero, NULL, etc. as appropriate.) | July 6, 2018 |
| Add a cout line to each function in CustomerList just to report that the function was reached. Do this for the constructor and destructor also. | July 6, 2018 |
| Add code to main to create an instance of EmployeeRecord, then call its’ getCustomerList to get a pointer to the CustomerList. Make calls to all functions and verify that all were reached. | July 6, 2018 |

**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 CustomerList determine exactly how you will test the function automatically from main. Add code to perform each of the automatic tests. | July 11, 2018 |
| **Add code, test and verify all modified functions in EmployeeRecord.** |  |
| getDept, getSalary | July 11, 2018 |
| **Add code, test and verify all functions in CustomerList.** |  |
| addStore() | July 11, 2018 |
| removeStore() | July 11, 2018 |
| getStore() | July 11, 2018 |
| updateStore() | July 11, 2018 |
| printStoresInfo() | July 11, 2018 |
| Verify against the SOW that all functionality of the project has been fully implemented. | July 11, 2018 |

**\*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.**