# Summer 2015.

# **Wedding Planner Application**

OOP244 Assignment

**Milestone 2: the ReadWrite Interface V1.0**

**Due Date: Fri Jul 31st, 23:59**

The ReadWrite class is provided to enforce inherited classes to implement functions to work with fstream and iostream objects.

Code the ReadWrite class in ReadWrite.h file provided in FP2154MS2 repository on GitHub:

<https://github.com/Seneca-OOP244/FP2154MS2>

You do not need the Date class for this milestone.

# **Pure virtual member functions (methods):**

ReadWrite class, being an interface, has only four pure virtual member functions (methods) with following names:

1. Store

Is a constant member function (does not modify the owner) and receives and returns references of std::fstream.

*In future milestones children of ReadWrite will implement this method, when they are to be stored in a file.*

1. Load

Receives and returns references of std::fstream.

*In future milestones children of ReadWrite will implement this method, when they are to be read from a file.*

1. display

Is a constant member function and returns a reference of std::ostream.

display() receives two arguments: the first is a reference of std::ostream and the second is a bool argument called linear.

*In future milestones children of ReadWrite will implement this method when they are to be printed on the screen in two different formats:  
Linear: the class information is to be printed in one line*

*Form: the class information is to be printed in several lines like a form.*

1. conInput

Returns and receives references of std::istream.

*In future milestones children of conInput will implement this method when their information is to be received from console.*

As you already know, these functions only exist as prototypes in the class declaration in the header file.

After implementing this class, compile it with Myfile.cpp, MyFile.h and ReadWriteTester.cpp. The program should compile with no error and using the tester program you will be able to read and append text to the ReadWrite.txt file.

# **Submission:**

Please refer to your professor’s instructions for submission.