**Meeting Minutes**

**Date:** March 29, 2014

**Start Time:** 10:00am

**End Time:** 6:00pm

**Members Present:** Drew Aaron, Michael Beaver, Clay Borden,

Andrew Hamilton, and Travis Hunt

**Members Absent:** Chad Farley

**Topics** **Discussed**

* Document Printing
* Assembler
* Data Encapsulation
* User’s Manual
* Syntax Highlighting
* Frontend-Backend Interfacing

**Decisions and Actions Taken**

Michael and Clay managed to get the printing option to work for the program source code. The code will be saved to a temporary file, the file’s contents will be printed, and then the temporary file will be deleted. This approach does have the downside of creating and deleting files, but it works well for what we need. Clay will further explore this printing solution.

Travis and Andrew continued working on the Assembler. They have implemented almost all the instructions and instruction types for the Assembler’s second pass. They are still trying to work out the fine details, but everything should be completed soon.

Michael updated the Data encapsulation classes. He mistakenly used “byte,” an unsigned type. He has corrected this by creating the AssistByte class, which uses “sbyte,” a signed type, and he included a “locked” flag for use by DC (declared constant) bytes. The “locked” flag will prevent an AssistByte from being overwritten.

Clay completed the rough draft of the user’s manual. He will send the draft to the other team members for review and revision. In the meantime, he will continue trying to implement the print functionality.

Drew nearly finished implementing the syntax highlighting for the Source Code Editor. The highlighting seems to be working for everything except character literals, characters declared constant, and for the TITLE directive. Drew managed to address these concerns during the meeting. The syntax highlighting is now functioning.

Drew and Travis begin discussing and implementing the interface between the Frontend and the Backend. Drew will explore the implications and options at a later date with Chad.