CS 3843 Computer Organization I

Project Report

Dec 3, 2018 1:00 p.m.

Team\_18

Group Members

Caleb Evans

Bernardo Flores

By signing this report I affirm that I know and agree with the contents.

Signatures:

Caleb Evans: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Bernardo Flores: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Objectives:**

1. **Learn to read/write x86 assembly code**
2. **Learn about cryptography**
3. **Learn to follow directions and implement a specific algorithm**
4. **Learn to work in a small group**

For each objective, briefly describe at least 3 specific things you learned by doing the project. This is a group answer so you do not need to list everything for everyone in the group.

**Algorithm Milestone #1**

Briefly describe the algorithm in milestone #1.

**Algorithm Milestone #2**

Briefly describe the algorithm in milestone #2. Your crypto order should affect your description.

**Algorithm Milestone #3:**

Briefly describe the algorithm in milestone #3. How the password plays a role should be in your answer.

**Technical Issues:**

Describe your most prominent technical issues and how you solved them. You should have at least one and no more than three.

**Group Member Contributions:**

Describe the contribution by each group member. This is NOT the place to complain about how one person didn’t do enough or didn’t work well with the group. Also, don’t give me the line that everyone (in a group of 3) contributed 33.333% - not buying it! Contributions do not have to be equal but everyone should contribute something --- even if it is testing and validation.

**Group Issues and Resolutions:**

Describe any issues in the group. If none, state “None.” If you have issues and are unable to resolve them amongst yourselves, then you should talk to me well before the end of the semester so that I can deal with it. The goal is to resolve the issues yourself as they will often mirror issues you will have on the job – better to learn now when the stakes are lower. But ultimately, if a group member is not responding or contributing, let me know so I can talk to them and help one way or another.

**Conclusion:**

Any parting thoughts on the project. Liked it? Didn’t like it? Suggestions for improvement?