# http://cs.armstrong.edu/rasheed/Web/images/Armstrong_logo.jpg

# **Weekly Project Status Report**

**Project Name:** Code Hoping Authentication System **2 Points**

**Team Members**: Schmid Tosha, Bonsignori Evan, Brown Darryle, Schnibben David, Norris Tyler

**Report Period**: 10/10 – 10/17/2017

**Preparer Name**: Evan Bonsignori

**Task Title**: Initial Meeting and Project Discussion

**This Week Milestones**

|  |  |  |  |
| --- | --- | --- | --- |
| Milestones | Planned date for completion | Actual date of completion | Comments and Accomplishments |
| Change Bit Representation to custom “Bits” class in Java | 10/17 | 10/15 | Bits class has methods for addition, subtraction, XOR, AND, random initialization, and more. |
| Partially completed XTEA encryption and decryption algorithms | 10/17 | 10/15 | Split 64 input block of bits into two 32 bits, 128 input key split into four 32 bits, round function implemented, but not properly working |

**Accomplishments:**

|  |
| --- |
| **- Bit class created with some of the following methods: Add, subtract, AND, XOR, randomize, integer initialization, binary string to bits initialization subset (splice), to integer, to string, and more.**  **- Partially implemented XTEA as mentioned in Milestones.**  **- Met up with team last Thursday (10/12)**  **- Lost group member** **David Schnibben** |

**weekly Planning**

|  |
| --- |
| **-*Meet Again***  ***- Understand XTEA more thoroughly and finish its implementation*** |

*Note: Individual weekly report must be submitted by each student in the group. Reports will be collected by the instructor during the project’s group discussion.*