# 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, Norris Tyler

**Report Period**: 10/24 – 10/31/2017

**Preparer Name**: Evan Bonsignori

**Task Title**: Fixing XTEA and Validating Authentication Process

**This Week Milestones**

|  |  |  |  |
| --- | --- | --- | --- |
| Milestones | Planned date for completion | Actual date of completion | Comments and Accomplishments |
| Fix XTEA algorithms to account for odd and even rounds | 10/31 | 10/30 | XTEA encrypt and decrypt now mirror the algorithms provided in the project description |
| Validate XTEA and CTR mode with text cases | 10/31 | 10/30 | TX ID’s, linked reader ID, and IVs can be updated to mimic another TX. If this is done and the IV value that would be “intercepted” from a request packet (before adding 256) can be tested from the GUI. Authentication doesn’t proceed with intercepted IV |
| Draft Final Document | 11/6 | N/A |  |

**Accomplishments:**

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| --- |
| **- Everything listed in Milestones, would be redundant to type out here** |

**weekly Planning**

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| **-*Begin documentation. Create Draft*** |

*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.*