sdmay19-23: Mobile, Biometric Bitlocker
Week 9 Report
March 25 - April 1

Team Members
Larisa Thys — *Scrum Master*
Ammar Khan — *Product Owner*
Yousef Al Absi — *DevOps Engineer*
Justin Kuhn — *Test Engineer*
Morgan Anderson — *Scribe*
Cole Alward — *Storyboard Master*

Summary of Progress this Report
Continued, integration, testing, and final steps for encryption.

Pending Issues
Issue 51 - Deciphering Bin Files
Assigned to: Ammar Khan

Issue 45 - Making key from Quantize data
Assigned to: Morgan Anderson

Plans for Upcoming Reporting Period
Issue 53 - Modify Authenticate class to use PUF library response on authentication
Assigned to: Morgan Anderson

Issue 52 - Making PUF a lock-screen
Assigned to: Larisa Thys

Issue 50 - Test re-written Util files
Assigned to: Justin Kuhn

Issue 45 - Making key from Quantize data
Assigned to: Morgan Anderson

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Larisa Thys	Worked on making the application able to be a lock screen.	7	118.5
Ammar Khan	Worked with Justin to turn any failed Unit Tests for the ResponseGen to pass. Found some strange tests that were failing regarding checking the pressure so stepped through the Python script rewrites and compared it to the original scripts to try and find any inconsistencies. Continued with some system testing as well trying to see if changing certain fields would have any impact on the output.	6	110
Yousef Al Absi	Worked on finishing generating the key. The key was 128 bits which is longer than what an integer can hold, so I was researching other methods to generate it.	5	95
Justin Kuhn	Continued Unit testing Response generation and pressure interpolation methods for the re-written python scripts. Stepped through tests to find the current point of failure.	5	96
Morgan Anderson	Continued Unit testing Response generation and pressure interpolation methods for the re-written python scripts. Stepped through tests to find the current point of failure.	5	99.5
Cole Alward	Changed PUF app to write text files to external storage so they can be viewed decrypted.	4	118

Gitlab Activity Summary

Nothing to report.