

sdmay19-23: Mobile, Biometric Bitlocker

Week 1 Report

January 21 - January 28

Team MembersCole Alward — *Story Board Master*Ammar Khan — *Product Owner*Morgan Anderson — *Scribe*Larisa Thys — *Scrum Master*Justin Kuhn — *Test Engineer*Yousef Al Absi — *DevOps Engineer*

Summary of Progress this Report

We have updated tickets, started working on fixes for the PUF that were started or partially done from last semester and reviewed merge requests.

Pending Issues

Issue 32 - Locate and test PUF key generation methods

Assigned to: Morgan Anderson

Issue 30 - Re-write python scripts for authentication

Assigned to: Ammar Khan

Issue 28 - DevOps for PUF

Assigned to: Yousef Al Absi

Issue 25 - Change authentication algorithm

Assigned to: Ammar Khan

Issue 24 - Change normalization algorithm

Assigned to: Ammar Khan

Issue 23 - Change number of evaluation points to 32

Assigned to: Cole Alward

Issue 20 - Include Mockito for individual unit tests

Assigned to: Justin Kuhn

Issue 19 - Making restrictions for repository

Assigned to: Morgan Anderson

Plans for Upcoming Reporting Period

Issue 34 - Map out test functionality

Assigned to: Justin Kuhn

Issue 33 - Encrypt files using PUF encryption

Assigned to: No one

Issue 31 - Create temp files to encrypt

Assigned to: Cole Alward

Issue 29 - DevOps for App

Assigned to: No one

Issue 27 - Changing Challenge Generation Method

Assigned to: Larisa Andrews-Thys

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Cole Alward	Checked out hardware for the project, reviewed merge requests.	3	50
Ammar Khan	Looked for Public key in given code. To be able to use the generated data, and started converting python scripts to Java.	6	65
Morgan Anderson	Looked over PUF code for key generation, making fixes for merge request.	4	59.5
Larisa Thys	I looked through code for key generation, I fixed changes for merge request and I worked on getting a working challenge generation method.	7	72.5
Justin Kuhn	Reviewed open merge requests, updated and verified open ticket.	4	55
Yousef Al Absi	Spun two instances of Amazon Web Services for Devops for PUF library and Sdmay19-23 library and getting them working again.	5	57

Gitlab Activity Summary

From PUF:

Created New Branch

Made At: 2019-01-28T20:06:24.776Z Author: lmandrew Branch Name: revert-7c037403

Pushes:

Pushed At: 2019-01-28T19:23:20.859Z Author: lmandrew To Branch: MMC_26 Commit Message: merge master into MMC_26

Pushed At: 2019-01-28T19:17:37.351Z Author: lmandrew To Branch: master Commit Message: Merge branch 'sdmay19_9' into 'master'

Pushed At: 2019-01-22T03:22:13.291Z Author: lmandrew To Branch: sdmay19_9 Commit Message: build version

Pushed At: 2019-01-22T03:20:53.009Z Author: lmandrew To Branch: sdmay19_9 Commit Message: Merge branch 'master' into sdmay19_9

Pushed At: 2019-01-22T03:20:10.002Z Author: lmandrew To Branch: sdmay19_9 Commit Message: I am not 100% what was wrong but I changed the saving a files to wh...

Opened Merge Request:

Made At: 2019-01-28T20:06:33.043Z Author: lmandrew Description: Revert "Merge branch 'sdmay19_9' into 'master'"

Accepted Merge Request:

Made At: 2019-01-28T19:17:35.971Z Author: lmandrew Description: Sdmay19 9

Closed Merge Request:

Comments:

Made At: 2019-01-21T23:41:19.198Z Author: calward Commented On: MergeRequest Comment: Issue when testing on my device. 10 profiles appeared, but app would crash after creating a profile. Null pointers would appear when touching tracing, although pressure values were also being displayed

From Sdamy19-23:

Created New Branch

Made At: 2019-01-28T23:38:04.650Z Author: mandrsn Branch Name: MBB-22-merge

Pushes:

Pushed At: 2019-01-24T21:38:31.899Z Author: lmandrew To Branch: master Commit Message: Merge branch 'MBB-20' into 'master'

Pushed At: 2019-01-23T19:44:51.826Z Author: jrkuhn To Branch: MBB-20 Commit Message: update deprecated dependency keywords

Opened Merge Request:

Made At: 2019-01-28T23:44:28.248Z Author: lmandrew Description: Get DevOps working again

Made At: 2019-01-24T03:40:12.741Z Author: calward Description: Update

Gestures/library/gesture_api/UD-PUF/src/dataTypes/Challenge.java

Accepted Merge Request:

Made At: 2019-01-24T21:38:31.920Z Author: lmandrew Description: add Mockito to gradle build for unit and android tests

Closed Merge Request:

Made At: 2019-01-28T23:44:12.322Z Author: lmandrew Description: DevOps for App

Made At: 2019-01-24T03:39:45.939Z Author: calward Description: Update

Gestures/library/gesture_api/UD-PUF/src/dataTypes/Challenge.java

Comments:

Made At: 2019-01-24T20:41:56.315Z Author: jrkuhn Commented On: MergeRequest Comment:

@lmandrew Yes, I verified the build on a physical device, and it at least works as well as it did before.

Made At: 2019-01-24T20:09:25.744Z Author: lmandrew Commented On: MergeRequest Comment:

@jrkuhn Code looks fine have you tested this yet?

Made At: 2019-01-24T20:06:43.447Z Author: lmandrew Commented On: MergeRequest Comment: It also broke for me...
