

sdmay19-23: Mobile, Biometric Bitlocker

Week 7 Report

October 15 - October 29

Client/Advisor: Dr. Akhilesh Tyagi and Timothy Dee**Team Members**Morgan Anderson — *Scribe*Cole Alward — *Storyboard Master*Ammar Khan — *Product Owner*Larisa Andrews-Thys — *Scrum Master*Justin Kuhn — *Test Engineer*Yousef Al Absi — *DevOps*

Summary of Progress this Report

This week, the issues found in our PUF library last week were presented to the client. We were able to obtain help from the creator of the library to discover where the problems were. We made tickets to start combating these issues in addition to revising our project plan.

Pending Issues

Issue 19: Make restrictions for repository

Assigned to: Morgan Anderson

Issue 20: Create a framework for individual unit tests

Assigned to: Justin Kuhn

Issue 21: Clean up PUF repository

Assigned to: Larisa Andrews-Thys

Issue 22: Create basic Android application in the Gitlab repository

Assigned to: Morgan Anderson

Issue 23: Change number of evaluation points to 32

Assigned to: Cole Alward

Issue 24: Change normalization algorithm

Assigned to: Ammar Khan

Issue 25: Change authentication algorithm

Assigned to: Ammar Khan

Issue 26: Change PUF drawing method

Assigned to: Larisa Andrews-Thys

Plans for Upcoming Reporting Period

Issue 7: Andriod App OS Integration

Issue 14: Add app level encryption

Issue X: DevOps integration

Assigned to: Yousef Al Asbi

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Morgan Anderson	I began looking into adding branch and repository restrictions to our team's GitLab repository. Additionally, I looked into making improvements to our project plan timeline based on the feedback our team received. I also attended a team meeting with the client (Dr. Tyagi and Tim Dee), where we discussed issues with the application we were provided. The client provided a document concerning our issues to point our team in the right direction to resolve the problems, so I briefly looked through it to familiarize myself with future team discussions.	6	34.5
Cole Alward	Created home and guidelines pages for GitLab Wiki based on Morgan's documentation from last week. Read Tim's document on problems and potential solutions to current issues with the application. Reviewed code to implement these fixes. Reviewed project plan and feedback to make improvements.	6	31
Ammar Khan	Facilitated contact between team and client as usual. I also continued testing the PUF application to see if I could find anymore issues. After our meeting with our client on Thursday, the client emailed us a list of all the issues with the application and the probable causes for those issues. I read through this document and began to look at some of the issues.	6	34
Larisa Thys	Worked on her ticket to add extra profiles to the application. Also worked on the project plan to address the comments and prepared notes for the weekly team meeting.	6	36

Justin Kuhn	Created testing organization plan for the PUF repository and verified that correct testing frameworks exist in the PUF library. Added testing methodology and guidelines to testing resources for team to use in unit testing.	6	34
Yousef Al Absi	Finished ticket for back option, looked into DevOps for two separate operations. Reviewed Cole's merge request.	6	33

Gitlab Activity Summary

Nothing to report.
