**PROJ4 – Security**

**PART A**

1. **Check final application in a Desktop version of Chrome & Firefox + IOS and Android phones**

Final application can be accessed at:

PROJ3: [https://rachelpacdevelopment.com/build/](https://rachelpac.com/build/)

UX2: [https://rachelpacdevelopment.com/](https://rachelpac.com/)

1. **Bring UX2, PROJ2 & PROJ3 together in one .zip, write a README describing installation for operations staff**

README file with installation instructions can be found on the Git repository located at

<https://github.com/rachelpac/letscollab>

1. **Include in the README all the technologies used in the app, places where they were used and versions you recommend**

README file with technologies used can be found on the Git repository located at <https://github.com/rachelpac/letscollab>

1. **Confirm functionality in relation to plan PROJ1 highlight areas that changed, or were not implemented.**

• All users can browse collaborations and register – Implemented and fully functional

• Users can either register as a user account or a location account – Implemented and fully functional

• Only registered users accounts can start a collaboration – Implemented and fully functional

• Registered location accounts cannot start collaborations – Implemented and fully functional

• Only registered user accounts can request to join collaborations under a specified role – Implemented and fully functional

• Only registered location accounts can request to add a location to a collaboration – Implemented and fully functional

• Only the registered user who started the collaboration can review collaboration requests – Implemented and fully functional

• Only the registered user who started the collaboration can approve/deny collaboration requests – Implemented and fully functional

• A user can only have five collaborations started at a time – Not yet implemented

• A user can only have five pending collaboration requests – Not yet implemented

1. **Write a roadmap section that confirms areas of development going forward. What bugs do you want to fix or functionality to extend**

Road map located in UX3 document.

**PART B**

1. **Secure app by resetting/removing admin passwords**
2. **Remove localhost from referrer security, add hosting domain referrer**
3. **Reset rate limits to once every 2 seconds & a maximum of 500 requests**

**Graphical user interface, text, application, email

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1. **Remove log data & test data from app**

Log data has been removed

Below are screenshots of the App with the test data removed

**A picture containing text

Description automatically generatedA picture containing graphical user interface

Description automatically generatedGraphical user interface, application

Description automatically generatedA picture containing graphical user interface

Description automatically generatedGraphical user interface, application

Description automatically generated**

1. **Test with out of bounds data like negative numbers, Inject <script>alert(‘Security Alert’);</script> Update or delete on IDs that don’t exist**
2. **Screenshot results of 10 above and suggest a remedy**

Negative numbers – handled by form validation

**![A picture containing icon

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Injection – handled by inputFilter function and results in the following in the database

**![Icon

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Updates are made with IDs that are dynamically rendered to avoid updating or deleting on IDs that don’t exist

Submitting empty fields – handled by form validation



Fields that only accept letters or digits - handled by form validation

![Graphical user interface, text, application

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