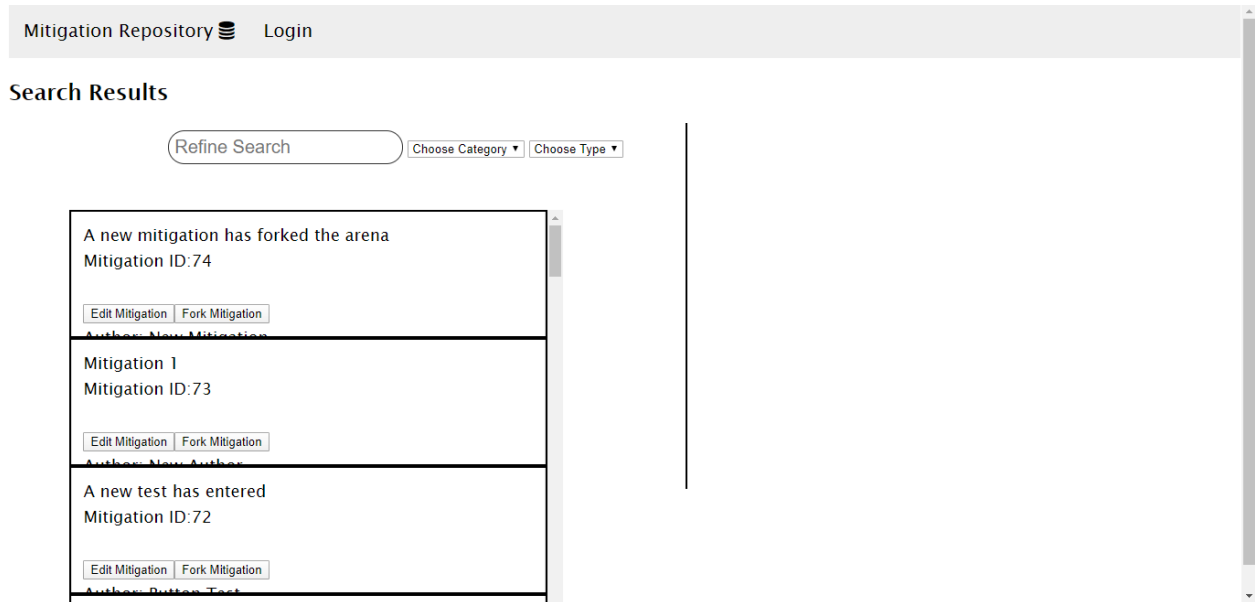# Sprint 3 Documentation

Front End Documentation:

New Search Results Page:

The Search Results Page now Contains more information regarding the information that was added to the Database. Unlike the search results page from last sprint, this search results page displays actual mitigations that were added to our database from the create page that we established. Also, it contains more information about the mitigation, such as the authors first name, last name, the description of the mitigation, as well as the date and the time that the mitigation was created/modified at. The user can still click on the specific mitigation on the left hand side and all of the information regarding that mitigation will show up on the right hand side so the users can read all of the information that is displayed. Also, this new search result page contains two new buttons for each mitigation, the option to fork the mitigation or edit the mitigation. When the user clicks on the button corresponding to what they would like to do, they will be taken to a page that will allow them to either fork the mitigation that they would like, or edit the mitigation if they have admin privileges.

Forking Page:

Mitigation Repository ▤   Login

Fork Mitigation

Author First Name

First Name

Author Last Name

Last Name

Enter Mitigation Title

Title

Enter Operating System

Operating System

Enter Operating System Version

Version

From the Search Results page, the user has the option underneath each mitigation to fork that specific mitigation. If the user would like to fork the mitigation, they can click a button and it will bring them to the "Fork Mitigation" Page. On this page, the text boxes will be filled with all of the information about the specific mitigation that the user would like to fork. From there, the user can change the information about the mitigation to suit their specific information that they wish to fork. The users then press the "Fork Mitigation" button that successfully adds their fork to the database. From there, that mitigation that the user forked will show up on the search results page for all users to see, as well as on the original mitigation that is now their parent.

Login Page:

Mitigation Repository 🗇   Login   Guest Access

Username: ⬭

Password: ⬭

Submit

Logout

Before the user can create, edit, or fork a mitigation, they must first log into the web page. As of right now, the user can only log in as an admin, and when they enter the correct credentials they are able to successfully edit, create, or fork a mitigation. When the user logs in, the "Guest Access" text on the top of the page changes to "Logged in as admin", so they know how they are specifically logged in. If the user wants to log out, they can return to the Login page where they can successfully log out.

Database:

Create edit and delete procedures for admin use in case a user needs to update work or a mitigation needs to be removed. Added trigger for updates on mitigation to update modified time, instead of hardcoding. Foregin keys were changed to on delete cascading. When an admin deletes a mitigation the linking tables data that is associated is also deleted. However the system and security controls and author will not be deleted as they may link to other mitigations. Created procedure to search mitigation by ID for use by the front end team. Other procedures were also updated.