# Sprint 2 Documentation

## Create a Mitigation page:

**Create a Mitigation**

**Enter Mitigation Title**

Title

**Enter Operating System**

Operating System

**Enter Operating System Version**

Version

**Enter Mitigation Description**
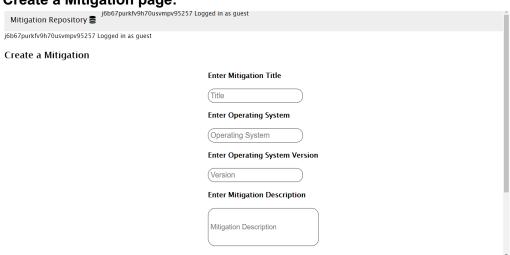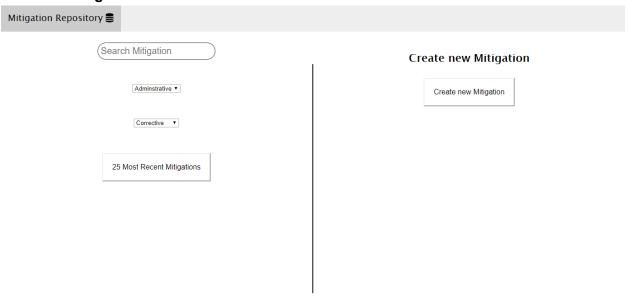
Mitigation Description

After the user presses the "Create New Mitigation" Button on the index page, they will be taken to the Create New Mitigation page. There, they will be prompted to type in all of the information about the mitigation that they want to create, including the title, operating system, operating system version, description, category, and type. Users will then click the "create mitigation" button, where all of the information that they inputted will be connected and then added to the database.
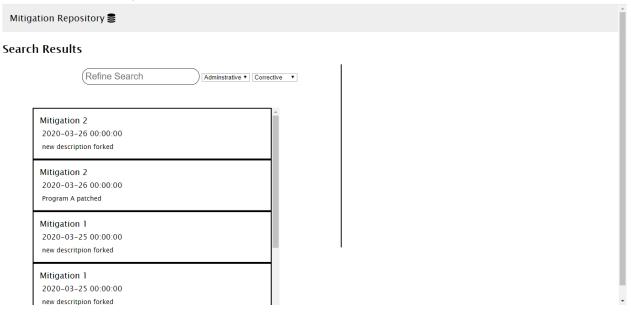
## New Index Page:

Mitigation Repository ☰

Search Mitigation

Adminstrative ▾

Corrective ▾

25 Most Recent Mitigations

**Create new Mitigation**

Create new Mitigation

We took inspiration from the index page prototype that we created in the first sprint  to create a new index page that successfully pulls information from the database. This index page gives users the option to search for a mitigation, where they give information about the category and the type, as well as the ability to type in more information about their specific search. Then, when the user presses their enter key on their keyboard they are then sent to a search result
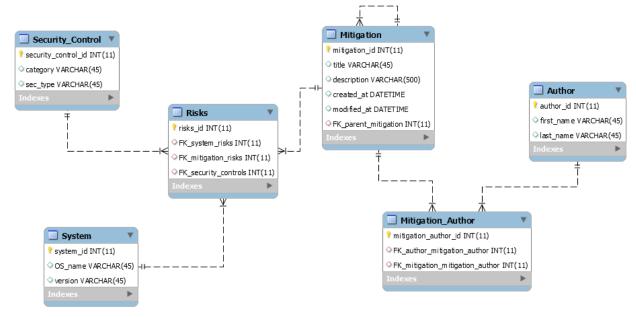
page which will pull information based on their search from the database of mitigation. They also have the option to look at the 25 Most Recent Mitigations in the database as well.

## Search Results Page:



When the user presses enter on their keyboard on the index page, they are sent to this Search Results Page, which contains all of the information based on what they searched for. All search results appear on the left side of the page, and the user can filter the results by typing. All information from the left hand side of the page is pulled directly from the database, based on the mitigations that have already been created. When the user finds the mitigation that they want more information on, they can click on the individual mitigation and on the right hand side of the page more information will be displayed. This information, just as the information on the left hand side is, is being pulled from the database, and includes the Mitigation title, description, date created, and date last modified.

**Back End Documentation:**



We connected the database through MySQL workbench and DataGrip. Once connected, we created twelve procedures; the first set was to add data into the database: Add_Author, Add_Security_Control, Add_System, and Add_Mitigation. Then we created get methods to make sure the data was added correctly and to make sure we can get the data: Get_Os_Name, Get_Os_Version, Get_System, GetCategory, and GetType. Forking was the next procedure created along with Migitation_Search and Migitation_Detailed_Search, and Mitigation_Search_Title.