

Design Review Notes

April 2nd, 2024

Still need to implement:

Task 1: We need to make the ash color scale interactive so that it can be used to select the color.

Rationale: The intuitive thing to use for selecting ash color is the ash color scale itself. Users will naturally attempt to choose the correct color by selecting the corresponding part of the scale. This will eliminate the unnecessary step of selecting the color from another part of the form.

Task 3: Create a New user login option

Rationale: This will be needed by a new user, anyone trying to login for the very first time can use this page to register in the system.

Task 4: Make a sample data page for viewing the database

Rationale: This page would be needed for the usability tests as well as showing the scientists how data could be displayed from the database.

Task 5: Be able to download the submitted form as a CSV.

Rationale: This will be needed in order for the researchers to process the data and make observations. By exporting it as a CSV, the researchers can compare it to other csv's from past collections and compare and contrast for easy and efficient comparisons.

Task 6: Add the ability to edit a form that has already been submitted- only the user who created it or an admin should be able to do this

Rationale: If a user realizes that the information they entered was incorrect, either they or an admin should be able to go back and change the information in that form. Access should be limited to just the user and admin to prevent security/misuse issues.

Task 7: We need to implement the ability for our application to hash a user's password so that there is a security measure in place for potential risks.

Rationale: We need to ensure that the passwords for the accounts are stored securely in the database. By ensuring that the passwords are hashed, it prevents anyone from getting the direct password from the database.