

#### 1. Strive for Consistency

The plan is to use CSS styling to keep the website consistent. The homepage will have a list of books and resources that the user can click on, and no matter which resource is selected, the layout of information should be the same. The navbar's appearance and functionality should remain the same on every page.

#### 2. Enable frequent users to use shortcuts.

Instead of having to search to filter out by category, this filtering could be included on the nav bar. Tags may be useful to make it easy for users to find similar resources without searching.

#### 3. Cater to Universal Usability

Any images displayed on the site need to have alternative text. In order for all the text to be screen-reader compatible, none of it should be in an image. The fact that this is a webApp does mean that it theoretically can run on mobile browsers, but the layout needs to be able to adapt from desktop to mobile.

#### 4. Offer Informative Feedback

When the user logs in, there needs to be text confirming this. Additionally, when users are first signing up, there needs to be dialog confirming they used a strong enough password and the password matches what they typed to confirm it.

When searching or sorting by category, once the filter has been selected then this filter must be displayed at the top of the page.

#### 5. Design Dialogs to Yield Closure

When user creates or edits a resource, the submit button should display the resource's new page, confirming the user has been successful.

#### 6. Prevent Errors

Any input boxes should be clearly labeled to prevent confusion. Navigation boxes should be distinct, and labels should accurately reflect the page they link to. Users (besides administrator) should not be able to edit or delete books and resources they did not add to the site.

#### 7. Permit Easy Reversal of Actions

Users should be able to edit or even delete books they've created. When users click on books they've searched for, there should be back buttons to take them back to search results page.

#### 8. Keep Users in Control

Logged in users should be able to add resources they believe would be useful for the website. When searching through the resources, allow the users to search by parameter.

#### 9. Reduce Short Term Memory Load

On the home page, keep the amount of information about each resource to a minimum. When a user selects a particular resource, keep the title, (and category/search term if relevant) noticeable to remind the user what they selected.