Design Changes 2
April 2nd, 2024

Design Change 1: Change the ash depth to an input box instead of a drop-down with limited options.
Rationale: We want the form to be able to contain accurate and precise information, and a decimal entry for the ash depth is important, as only allowing integers could skew the results.

Design Change 2: Change the root status to have a drop-down of options when the user clicks yes.
Rationale: This was a feature that our scientists wanted, and this will also allow them to have more information on the plot that is being documented so the scientists can see an accurate progress change.

Design Change 3: Utilize more of the space available on the webpage.
Rationale: There is currently a lot of white space on either side of the form on our application. We need to utilize this space so that it will not be difficult to view on some devices.

Design Change 4: We need to add a scrolling functionality so that they can scroll through the form if they are on a device that blocks off certain parts of the form.
Rationale: The user needs to be able to access the entire form, and there are some instances where the form can get cut off, so we need to implement a scrolling functionality to make sure that the user can fill out and submit the entire form.

Design Change 5: Ensure that the whole page has a uniform theme.
Rationale: Having a uniform theme for titles and colors will ensure that all pages are easy to read and feel like one functional website.

Design Change 6: We need to add a help function in order to allow users with little or no experience on our application to navigate and use it effectively. This will cover topics such as what each field is used for, how we expect them to use it and overall help on functionality.
Rationale: In order for everyone to be able to use our form effectively and efficiently for our researchers, we need the data to be concise and only what is needed. By adding this help functionality, we will be able to give an example of exactly what is expected and how to use the application itself.