

Summary:

We met with Susan (Dr. Hess) in her office to update her on our status and get some further direction on where she would like to see the project go. This was a good opportunity to check up with her and make sure her expectations for the project were being met and that everyone was on board with the direction of the project.

Full Site vs. Mobile Site:

One of the main questions we had for Susan was what version of the app she wanted us to focus on. The web app has a full site and a mobile site (a site for viewing the app on a device with a smaller screen). Both versions of the site have bugs but the mobile site is particularly buggy. Collectively we decided that it would be best to focus on the full site for now. We decided that we would work to make the full site as polished as we could, fixing bugs and adding/improving functionality. If we reach a point where we are content with the stability and functionality of the full site (and still have time left), we will switch our focus to making the mobile site on par with the full site.

User Interface Bugs/Improvements:

Pierce and I had a number of user interface related questions. The following are some questions we discussed with Susan:

- When multiple fingerings exist for a searched note, what should determine the order that these fingerings are displayed in? Fingering type (standard/alternate/etc), fingering rating (current ordering method), etc.?
- Are you set on the current user interface for inputting a note for the search/add fingering feature (select a note on the staff)? A series of dropdown menus may be easier, especially for mobile users.
- Unapproved fingerings currently show up in the All Fingerings Table and the search feature. Should they?

Through these questions and further discussion, we reached the following conclusions with Susan:

- When multiple fingerings exist, for now standard fingerings should be displayed before alternate fingerings, but ultimately Susan would like a tool in which she can rank the fingerings by hand from an admin account in BFF. One potential location for this tool would be in the admin All Fingerings Table.
- Susan likes the current method of inputting notes, however there are slight interface improvements she would like to see:
 - Possible notes that can be selected currently step up the staff, but should be stacked vertically to reduce the width of the staff.
 - It would be nice to have the ability to specify standard/alternate as a fingering search filter.
- Unapproved fingerings should not show up on the user end, it would be okay for them to show up on an admin account (although only in the All Fingerings Table), but wouldn't be necessary.
- The All Fingerings Table should be reorganized for ease of use; changes include:
 - Adding expandable menus for organization of same note fingerings (currently each fingering has its own row in the table, but it would be nice to group like fingerings in an expandable menu). Within this menu, standard/alternate fingerings could be placed in separate submenus.
 - Adding ability to sort table by more than just the fingering id.
- Selecting a fingering in the All Fingerings Table should bring up that fingering (as it does now) but also allow the user to scroll through other fingerings for the specified note, if they exist.
- Set up the BFF contact email account to forward email to Susan. No one currently monitors this email address so it would be good for pertinent emails to be forwarded to Susan (forward to BFF admins).
- Admins should be notified in some way (email) when a new fingering has been submitted for approval.
- The above changes are of highest priority, but some other low priority improvements include:
 - Change the current rating system to a 5-star system for better visual understanding of a rating.
 - When a user adds a fingering, check to see if it already exists and if it does, alert the user and provide a link to the existing fingering (this will prevent duplicate fingerings).

Knowing other possible functionality improvements/features discussed previously, Susan would like us to make existing bugs and the above listed changes a priority before anything else. Bugs entries have been added to our GitHub repository for the requested changes (in most cases listing more information on the changes to be made).