

Maintenance Log

Version 1.4  
12/11/2013

# Bassoon Fingering Finder (BFF)



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Fall 2013

Date	Title	Description
9/27/2013	Fixed existing typos	Fixed all typos that had been logged upon initial review of the existing application.
10/1/2013	Updated stale links and references	Updated all references to the previous development team, including changing links to point to the existing GitHub account. Fixed a couple more small typos.
10/5/2013	Restarted live version of application	Customer noticed that app was inaccessible. Application had crashed, displaying message <i>"An error occurred in the application and your page could not be served. Please try again in a few moments. If you are the application owner, check your logs for details."</i> We did some research and realized that the app needed to be restarted on the server with the following command: <code>heroku restart --app blazing-summer-3661</code> After doing this, the application was working fine. This could have been related to incorrectly deploying the application to Heroku on our first attempt.
10/8/2013	Updated contact email	Updated the contact email address for the application, as customer no longer had access to <a href="mailto:cs-tab@uidaho.edu">cs-tab@uidaho.edu</a> . Contact email changed to <a href="mailto:bassoonfingeringfinder@gmail.com">bassoonfingeringfinder@gmail.com</a> .
10/8/2013	Updated search button text	Updated the text on the "submit" button that is used to perform a search from the Search Fingerings page, the button now reads "search" for better intuitiveness.
10/8/2013	Fixed typos	Fixed some typos on the New Fingering help page.
10/16/2013	Investigated existing canvas issue	Luke Bakken had logged a bug during the previous iteration of the project saying that the New Fingering canvas would turn black when trying to enter a new A4 fingering on Google Chrome. This bug could not be reproduced, and was subsequently closed. We think this was fixed by updates of Google Chrome, since the current version of Chrome was 31.0.1650.63, while the bug was logged back in version 20.0.1123.1.
10/17/2013	Fixed delete user crash	Application would crash when deleting a user would try to delete their account or when an admin would try and delete a user account. The application would then be

		thrown into a bad state where browser cookies/cache had to be reset for normal operation. This was due to an attempt to call a non-visible function "destroy." This problem was fixed by changing the function reference to a User controller function, rather than a User model function.
10/18/2013	Fixed null search results crash	Application would crash upon searching for a note that had no associated fingerings present in the database. We modified the code to handle searching for a fingering which could not be found. Under this circumstance the application now displays a notice to the user that no fingering exists for the specified note and provides links for searching for a different fingering or for adding a fingering.
11/7/2013	CSS label fix	Fixed a css issue where (long) labels inside several buttons were cut off. Changed the width of buttons from an absolute width to having a minimum width (that can grow to accommodate long labels).
11/10/2013	Fixed Forgot Password Notice	Fixed an issue where the "forgot your password" page would display a notice indicating that the email entered could not be found, even when the email was valid. In this case, it would still send a reset password email to the email address and work properly otherwise. This was fixed to display a success message upon success and the same failure message upon failure. When receiving the success/failure notice and subsequently navigating to another page, the notice would remain in the header of the page. This was fixed so that the notice is only displayed on the Forgot Your Password page after sending a password reset.
11/12/2013	Set up BFF email forwarding	Set up the <a href="mailto:bassoonfingeringfinder@gmail.com">bassoonfingeringfinder@gmail.com</a> email address associated with the application to forward to our client's email ( <a href="mailto:susan.bassoon.hess@gmail.com">susan.bassoon.hess@gmail.com</a> ) so that she would receive all contact requests.
11/14/2013	Removed admin controls from nonadmin views	Removed drop-down menu allowing a user to specify whether a fingering is standard/alternate. Now all non-admin submitted/edited fingerings are defaulted to alternate (as requested by our client), while admins can still use the drop-down to specify if a fingering is standard

		or alternate.
11/14/2013	Removed work in progress refs	There were a number of different views that contained a message saying that the application is a “work in progress,” these were removed as they made the application look unprofessional.
11/14/2013	Changed search result order	Changed the ordering of search results to display standard fingerings first, followed by alternate fingerings.
11/17/2013	Added duplicate fingering check	Added a function to check whether a fingering being submitted/edited already exists in the database (by comparing the note_tone and fingering_status combination against existing fingerings). The application now checks to see if a fingering exists when a user enters one. If it doesn't exist, the fingering is created/submitted for approval. If the fingering already exists, then we don't create a duplicate but post one of two notices: 1) The fingering exists and is currently pending approval 2) The fingering exists and can be seen at ID #
11/17/2013	Added approval needed email notification	Added an email notification (sent to all BFF admins), notifying them that a fingering had been submitted/edited by a non-admin and that the fingering needs approval. The email specifies the ID number and the note tone of the fingering.
11/19/2013	Changed order of fingering info	Changed the order in which the fields beneath a fingering are displayed when viewing a fingering. The order is now: Fingering type, Fingering rating, user that entered fingering, source of fingering and fingering comment. Extra admin rows are still displayed above these rows for admin users.
11/19/2013	Removed display of non-approved fingerings	Removed the display of non-approved fingerings in all fingerings table as well as in search results for non-admin users.
11/19/2013	Updated search results and show fingering page consistency	Standardized the search results and show fingering pages so that they both contained the same options (for upvoting, downvoting, etc.). Also fixed css issues that made the display of these two pages differ.
11/19/2013	Added all	Added functionality whereby when viewing a specific

	fingerings table paginated results	fingering, all fingerings associated with that fingering's note tone would be displayed as paginated results (as in the search results view). Added a column to the database (show_first) to temporarily mark the fingering selected from the all fingerings table, so that this fingering can be shown before other results. The requested fingering is displayed first, followed by the standard ordering of any other search results.
11/19/2013	Clicking BFF icon takes user home	Added a link to the BFF icon in the header to the application home page.
11/19/2013	Fixed canvas legend link	Canvas legend link was displayed on the search fingerings page, when the fingering legend that the link referred to did not apply to anything on the page. Removed this link from this page. On other pages where the legend link did apply, we changed it to "to fingering" when the legend is being viewed from a fingering (was "to legend," which was misleading).
11/19/2013	Fixed accessible hidden canvas links	Fixed an issue where links to add a fingering, remove fingering and view legend were still accessible even when the link itself was not being displayed to the user. This allowed the user to click a hidden link and still process the action associated with the link (allowing them to add unlimited fingerings to a trill fingering, or to remove a single fingering, etc.), allowing for invalid entries into the database. Changed these links so that they are no longer accessible when not visible.
11/21/2013	Fixed javascript include issue	Fixed an issue where views using javascript/jQuery were not functioning correctly due to dual includes of jQuery. Fixed this issue by only including the javascript files necessary for each view on a view-by-view basis.
11/21/2013	Fixed login field authentication issue	discovered an issue with the login fields, where they were being prefilled with the values: username: "Username" password: "password" This meant that if someone made their password "password", all they had to do was type their username and hit the Login button, because "password" was pre-filled in by default. These fields were being filled in to give the user an idea of what information should be given in

		each field. The better approach in this situation, was to put a placeholder in that field with the hint text, rather than actually writing that text into the field. A placeholder is different in that it simply appears in the field until a user gives the field focus, in which the placeholder and text associated with it is cleared out. This solution worked well for the situation.
11/21/2013	Fixed authentication issues	Fixed an issue where a user simply needed to enter any string longer than 6 characters in order to authenticate changes made to their account, simultaneously changing their password to this string. The problem was that the same field was being used for resetting a password or entering their existing password. Now, users must enter a new password, re-enter it for verification and then also enter their existing password in order to change their password. In order to make changes to their account, a user still must enter their password for authentication.
11/26/2013	Added fingering search filter	Added a search results filter to allow for the searching of standard/alternate fingerings from the search fingerings page (via a drop-down menu below the note selection canvas).
11/26/2013	Changed disapprove fingering functionality	Before, an admin could not disapprove a fingering before approving it, and disapprove would not remove the fingering from the database. This has been changed to allow an admin to disapprove an invalid fingering upon first review as well as to delete the fingering upon disapproval.
11/26/2013	Changed javascript dialogues	Changed all javascript confirmation dialogues to display specific information about the action about to be performed (i.e. "you are about to make a change which cannot be undone, are you sure you want to delete this fingering?"), rather than just displaying a generic confirmation message (i.e. "are you sure?").
11/26/2013	Changed note selection to vertical	Changed the display of note heads on the musical staff to be vertical, rather than the less-intuitive diagonal setup that was present previously.
11/26/2013	Fixed CSS alignment	Changed a number of css alignment-related issues around the application for consistency.

12/2/2013	Changed app url	Susan changed the heroku url of the application from blazing-summer-3661.herokuapp.com to a more useful bassoonfingeringfinder.herokuapp.com.
12/3/2013	Reorganized all fingerings table	Reorganized the all fingerings table to display all results in the database sorted by octave, then note name and then accidental (to conform to musical expectations). Added octave, note_name and accidental columns to the database to be used for sorting fingerings. Added a hierarchical "accordion" display for notes to simplify the finding of a specific fingering. Also added color-coded columns and an in-app notice to allow for admins to easily find fingerings in need of review for approval. Also added links to perform filtered searches from the table.
12/3/2013	Changed date/time display	Made date/time associated with fingerings more human readable wherever it is displayed throughout the application.
12/3/2013	Fixed forgot password page	Forgot password page would crash on the live version, because it was trying to reference a nonexistent javascript file (which was essentially a typo). Changed this to reference the correct javascript file. Also fixed some minor css issues around the site (table headers mostly).
12/5/2013	Added individual trill entry feature	Added the ability for an admin to add one, both or neither half of a trill fingering as a standalone alternate fingering when adding or approving a trill fingering.
12/5/2013	Changed page headings	Changed new fingering and search fingerings page headings to reflect the fact that a fingering combination could be entered/searched for by the user.
12/5/2013	Added enharmonics	Added the displaying of enharmonic equivalents in the all fingerings table and search results/show pages. Changed the search functionality to also search for enharmonic equivalents of the user-specified note. In the case where the application displays enharmonic search results, a user notice is displayed to inform them that they are also seeing enharmonic equivalents of the requested note.
12/10/2013	Implemented admin ordering	Added functionality for admin users to be able to specify which order fingerings are displayed in the search results page or within the submenu on the all fingerings page.

12/10/2013	Changed Susan's username	Changed Susan's username from her soon-to-be-old email <a href="mailto:shess@uidaho.edu">shess@uidaho.edu</a> to shess and updated all fingerings associated with her account to reflect this username change.
12/10/2013	Disabled mobile site	Disabled the highly buggy and feature-lacking mobile version of BFF by setting the "isMobile" function(s) to always return false. Removed the link to the mobile site from the site footer.
Varying	Added user notices	Throughout the application, we added many user notices to make it clear what action had just been processed by the user, such as displaying a notice when they reset their password, update account settings, when they successfully submitted a fingering for approval, when a fingering they tried to submit already exists in the database, etc.)