

## Criterion E: Evaluation

Initial Criteria for Success from A	The extent to which it was Met: ✓ ~ X
Input information of new students or songs	✓ Works as intended, as the client can input new information about Students and/or Songs on the first tab of the MainGUI
Open up a website with existing dance formations	X Not implemented. After seeing the way that formations can be “easily and extensively added” and viewed, the client was satisfied without this feature.
Appealing to the human eye, yet simple and features evenly spaced out	✓ The client was less worried about the <i>look&amp;feel</i> rather than the functionality. However, she thought the appereance was well organized, as “buttons were placed in the most logical places, saved formations were very clear and professional-looking”, etc...
<p><b>Recommendation:</b> NetBeans provides the original ‘Nimbus’ look and feel. In the future, there is a <u>realistic measure</u> to make the look more <u>modern</u> by importing separate <i>themes/plugins</i>, though this would not add any benefits to the functionality of the program.</p>	
Retrieve data (emails) from a dynamic online spreadsheet and display it	✓ Despite retrieving data from a dynamic survey instead of a spreadsheet, the intended outcome of a displayed list of emails of Students is the same.
<p><b>Recommendation:</b> “Limiting the time of email extraction”, due to it taking 3-5 minutes per extraction... This could very realistically be done with <b>optimized use of ‘waitSec()’</b> method. Could be done using a <i>Google spreadsheet API</i> rather than <i>Selenium API</i>, which would instantaneously retrieve data: However, this may be more capably realistic at a higher level of programming such as in university</p>	
Send emails to students, being able to alter the subject, body, and recipients of the email	X This was not reached, however it was a <u>conscious decision</u> . Having a method that <u>copies the emails to the clipboard</u> accounts for a wider range of extensibility and allows the client to “use the emails for whichever reason they want to”, including sending an email, rather than being limited, thus making it a more creative and successful solution.

Allow the creation of new dance formations, on different dimensions with different number of students	~ In reality, allowing different dimensions of a stage could create many errors, and be very difficult to implement. Instead, the user can still create a new formation on a 15x15 grid, with different numbers of Students/selected grids per formation. The client stated that the 15x15 grid is more than adequate, and the change in grid size is "not necessary at all".
Save newly created dance formation to existing dance formations AND Inputted data will be saved even when the application is closed	✓ All formations can be saved/loaded by the client using File>Save, as well as all other information such as Students, Songs and Classes.
Being able to delete information if it is not relevant or wanted anymore	✓ All Students, Songs and Classes can be removed, however formations cannot be removed. The client "never wants to remove formations" due to a database for formations storing ALL possible formations.
Easily access information through a search bar for various elements	~ Search bar is implemented on both the Student and Song table, working consistently, yet only searches for the name NOT any other element.
<b>Recommendation:</b> Make it so the "search bar searches through all the elements", for example in the Student table, search for name, location, email, time-zone, notes, etc...	
Sorting different elements in an ascending/descending OR A-Z order	✓ Works extraordinarily, as there are options for sorting for all the necessary elements for both the Student and Song tables ...
Have a help menu with usability reminders	✓ A help 'about this tab' is implemented in the Menu bar, which contains text; user documentation, about how the client can utilize each tab and "limit any inconveniences and make sure [the user] is aware of the use of each tab"
<b>New Successful Features Implemented</b>	
Adding a Student who completed a certain Song, so that the client knows not to repeat that song in a class/performance if several of her Students have completed it.	

Adding existing Student's emails to the list of emails after extraction, just in case a specific Student did not sign up for a class via the survey.

Viewing dance formations of a SPECIFIC number of Students, dictated by a spinner

Word Count: 521