Relational Databases Group Project

Group 3 (Ryan, Lena, Dan, Louis, Arya)

Add Player

o   Adds new entries to the players table, includes options (in a sub form) to add a new game to the database at the same time, and in yet another sub form under that, to add a new genre, if so desired. Additionally, two more first-level sub forms allow new entries to be inserted into the game platform table and the status table, if the required entries do not already exist

Add User

o   Adds new entries to the users table, includes options (in multiple sub forms) to add one or more streaming entries per user, and under each streaming sub form, another sub form to enter a new streaming platform, if the desired platform doesn't already exist.

Add Event

o   Adds new entries to the events table, as well as options, in sub forms, to add new entries to the event type and locations table, if the need arises.

Add Attendee

o   Adds new entries to the attendees table, as well as an option to add new entries to the status table, if required.

Universal Read / Update / Delete

o   We plan to have a single page to handle all of the updating, deleting, and some of the reading (we will have the reports as required in addition to this page).

o   A dropdown combo box allows the user to select which table they would like to update. On selection, a table will populate on the left side of the screen with the most relevant information visible for each entry (e.g. for users, only username, first name, and last name will be displayed). The user may then select a row to view its full details on the right side of the screen, or by selecting the update option on the row, view a full form, pro-populated with the information in the entry, enabling them to edit any column as they desire. Finally, a delete button will allow the user to delete any entry they wish from this page.