

# Phase 3 Individual Submission

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## Responsibilities:

I was responsible for 2 major tasks: profile search and music search.

In profile search, I was responsible for getting the input from the user using the UI class, which was responsible for taking that input and give to the control class which would give it to the data manager. The data manager will setup connection with the SQL database and look for the users (accounts) that have display names similar to the keywords that were given by the user. If those accounts were found, the data manager will return them to the control class, which will return them to the UI class which will finally return it to the user. If no account was found, eventually a message will be displayed to the user indicating that no profiles were found with the matching keywords.

In music search, I was responsible for creating a program that will look up the accounts that have a specific music. Here, the UI class will pass in the keywords (name of the music) to the control class, which would pass it to the data manager. The data manager will setup connection with the SQL database and look for the music with the same name. If the music is found, then it will look for the accounts that have added this music to the collection. If there such accounts exist, they will be returned to the user. If the music or such accounts do not exist, the user will be prompted.

These paragraphs summarize what I did.