Sequence diagrams explanation:

# profileSearchRealization

The searchprofileUI class will first display the search text field. The user will then enter the keywords. The searchProfileUI class will then take the entered keywords and will use the searchKeywords to send those keywords to the searchProfileControl class. The searchProfileControl will then use the matchKeywords method to give the words to the dataManager class which in turn will match those keywords to the sql. Then the accountRecord rows will be returned to the dataManager. Then the userAccount accounts[] will be returned to the searchProfileControl class. Then the searchProfileControl class will return the profile matches using the returnProfileMatches method. Then, the searchProfileControl class will return the userAccount accounts[] to the searchProfileUI class. The searchProfileUI class will then displayProfileMatches.

# musicSearchRealization

The searchMusicUI class will display the search text field using the displaySearchTextField method. The user (registered or not) will then enter the keywords. Then, the searchMusicUI class will then take the entered keywords and will use the searchKeywords to send those keywords to the searchMusicControl class. The searchMusicControl will then use the matchKeywords method to give the words to the dataManager class which in turn will match those keywords to the sql. Then the accountRecord rows will be returned to the dataManager. Then the userAccount accounts[] will be returned to the searchMusicControl class. Then the searchMusicControl class will return the profile matches using the returnProfileMatches method. Then, the searchMusicControl class will return the userAccount accounts[] to the searchMusicUI class. The searchMusicUI class will then displayProfileMatches.