After its development, the program was tested against the test plan by the developer (me, the candidate of this project). A final interview with the client was later conducted during which the product used the program and provided feedback on the program's functionality and potential improvements. A transcript of the interview detailing the client's feedback after testing the program is documented in the **Appendix**.

1. The final program complies with the following success criteria:

Criteria #	Success Criteria Description	Result
1	Program displays a greeting and operational menu upon running	Fully met
2	Program displays all songs in an easy-to-read list if user selects 'view all songs' option	Fully met
3	Program asks for song info and adds songs if the 'add song' option is selected	Fully met
4	Program can display the current information stored about a song and can ask the user to update any/all fields of song info while maintaining the information of any fields the user doesn't want updated, and successfully updates the song in the database	Fully met
5	Program displays all songs in an easy-to-read list, and deletes the correct song indicated by the user.	Fully met
6	Program displays names (and artists) of songs and the correct number of potential duplicates in a readable list and correctly removes duplicates of the song selected by the user.	Partially met
7	Program generates a playlist of proper length and displays the playlist in an easy-to-read list.	Fully met
8	Program guesses user's favourite artist/genre the correct number of times and responds to user's input with the correct message depending on whether the guess was correct or not	Fully met
9	Program outputs error message and redirects the user as needed if an invalid piece of data is inputted in a field	Fully met
10	Program exits when the last option is selected	Fully met
11	Program restarts automatically without user action	Fully met

2. Client feedback and Recommendations for Future Improvements

After the final program was fully tested by the client, she gave some feedback on its functionality. Overall, the client said that she is satisfied with this program. The client indicated that the program was "easy to understand" and "definitely" helps her resolve issues she faced in her playlist migration.

The client and I then went on to discuss potential improvements or further developments that could be made to the program. The client mentioned that integrating an option to return the program to previous steps or to the main menu would make the program easier to use. She also said that having a more clear indication of which song she is manipulating or deleting would make her feel more confident using the program and would mitigate the potential for user error.

In regards to extensions, the client suggested that considering songs that could be classified as being multiple genres when the computer guesses her favourite genre would elevate the guessing, which could be a potential elevation of the program and its database.

In addition to the functionality feedback and extension provided by the client, recommendations for future improvements or extensions could include improving the sophistication of the algorithms used throughout the program. For example, considering the number of songs of each genre or artist could be used to more intelligently guess the user's favourite artist or genre or generate playlists that the user is more likely to enjoy, rather than randomly selecting artists, genres, or songs to produce an output. A more advanced extension of this program could be modifying it so that it is directly usable within the Spotify software. This would elevate the client's experience by removing another step (manually manipulating songs in Spotify) and making the tool more seamless.

Word Count: 379