CS-203

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Final Project Checkpoint 2

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I have successfully implemented a countdown timer that decrements the song duration. This decrementing timer is displayed on the mainform. I have also implemented the use of a database for my persistent data. This database holds the song library that includes song title, artist, genre, and song duration. You can see this functionality if you choose ‘Playlist then “Create Playlist”. When the Playlist form loads you choose a song from the library and click “OK”. You will see the song title and artist load to the mainform and if you click the play button the timer will decrement.

The setbacks I experienced were with the Windows Media Player. I set a stretch goal to use the Windows Media Player to actually play a song. Though I was able to find sample code for this I realized I would have to export my song library to submit the project. I feel this would be too large of a file to submit with the Final Project. I have decided it would be best to go back and create a “simulated” MP3 player.

For my next checkpoint I would like to be able to actually create the custom playlist as well as by genre. I would also like to have the MP3 player switch to the next song in the playlist when the timer reaches 0. I will need to know how to sort a database as well as how to choose random selections from a databse to create the playlists. I will also have to write a procedure that will recognize when the timer hits 0 seconds and then load the next song.

At the present time I do not feel I need to change any requirements as I feel I should be able to implement all the set requirements.