<https://github.com/creamedbeans/MusicManager.git>

Henry Tracey

X22783505

Computing 2nd Year

The ADTs I will use are stack and queue.

Stack represents the playlist holding songs in a LIFO manner, where the most recent songs are added to the top.

Queue represents the playlist holding songs where songs are added in a FIFO manner which means it is first in are first to appear.

The classes I will use are Song, Playlist 1, Playlist 2, Main, MusicManagerGUI and Stack and Queue

Users can add songs the liked in the stack playlist where songs are held in LIFO manner, so its easily accessible.

Genre based playlist will be implemented as a queue, allowing users to organise songs by genre while holding the order they were added in.

Add, search, delete and move songs will be functions that will work between playlists , allowing for efficient management.

The user will be able to set a made playlist to repeat.