

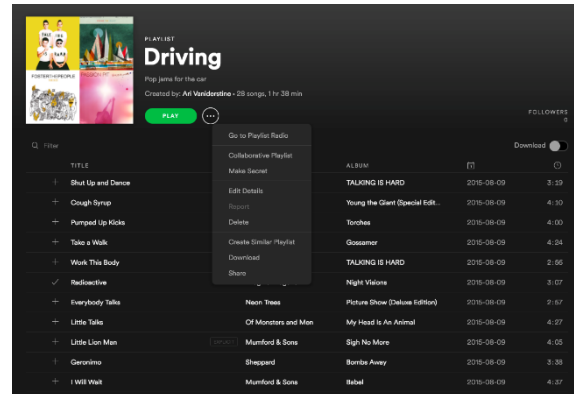
PLAYLIST EDITOR DESIGN ACTIVITY (5 PTS)

Full Names of Team Members: _____

Activity Description

You have been asked to design a playlist editor. A playlist is an ordered list of "playable" items. A "playable" item is either a song or another playlist.

Here are the program requirements:



1. Must use the Composite pattern to represent a playlist.
2. Every playable item must have a name, a set of tags, and a play() method.
3. Must support at least the following commands:
 1. Add a playable item to the current list.
 2. Retrieve information about the current playable item.
 3. Update the information for the current playable item.
 4. Delete an item from the playlist.
4. Must be able to add new commands in the future with minimal modification to existing code.