

I decided to use the Singleton design pattern for my Library class to ensure only one instance is created. I chose to have separate lists to hold the songs, podcasts, playlists, and episodes which makes the library clear and easy to manage. I have two setLibrary functions depending on the input (whether or not there is a natural language description or not). I used the FlyWeight design pattern for my Song and Podcast classes to ensure that no duplicate objects are created. I store the created objects and return them if the client requests them more than once. I use the toLower or IgnoreCase methods to ensure the strings are case insensitive.