

## **Song**

-title: String  
-artist: String  
-time: int[]

+Song(title: String, artist: String, time: int[])  
+getTitle(): String  
+getArtist(): String  
+getTime(): int[]



## **Playlist**

-songs: Song[]  
-numSongs: int  
-MIN\_CAPACITY: int = 3

+Playlist()  
+Playlist(capacity: int)  
+getCapacity(): int  
+getNumSongs(): int  
+getSong(index: int): Song  
+getSongs(): Song[]  
+addSong(song: Song): boolean  
+addSong(index: int, song: Song): boolean  
+addSongs(playlist: Playlist): int  
+removeSong(): Song  
+removeSong(index: int): Song