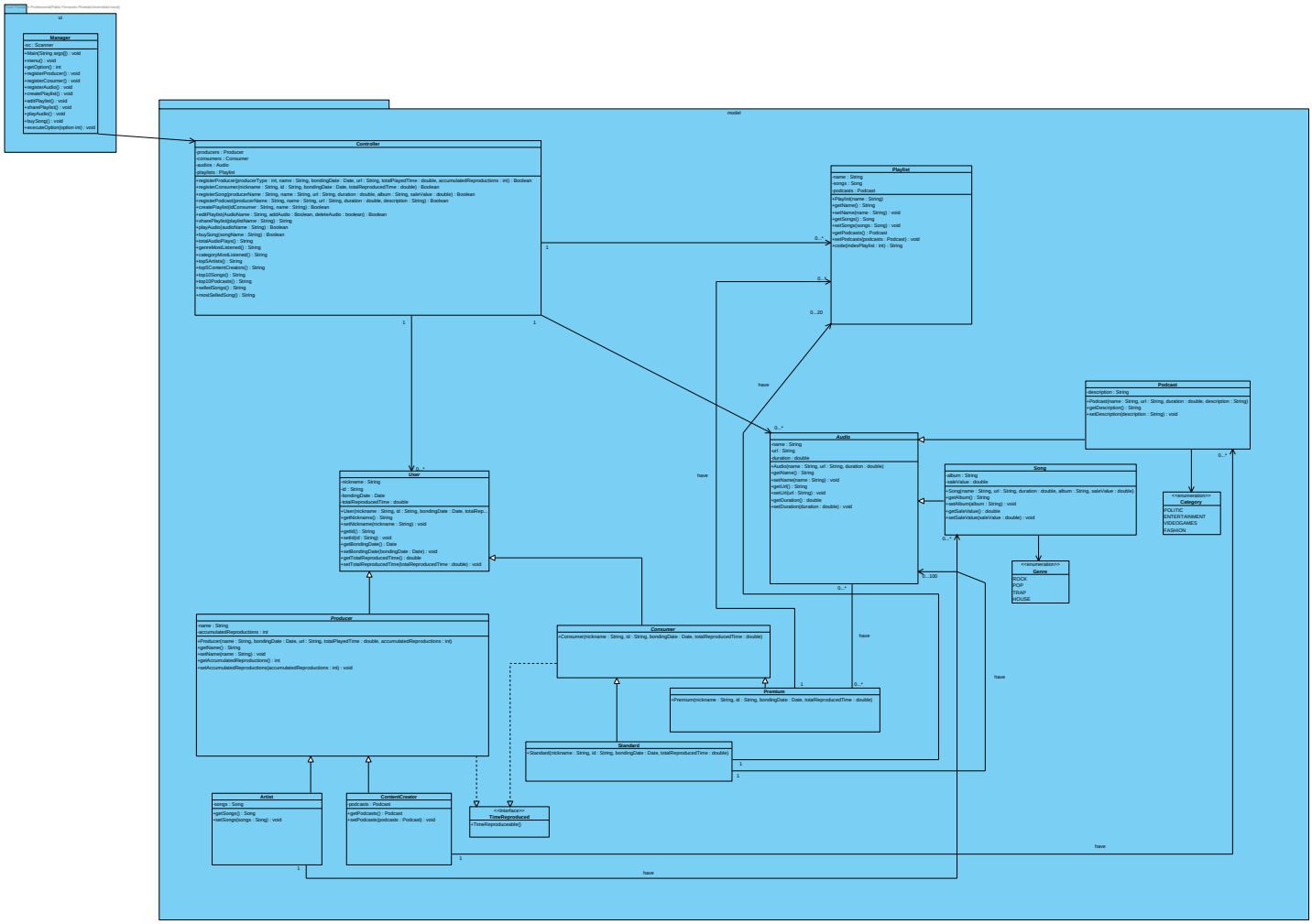
ui
Manager
-sc : Scanner
+Main(String args[]) : void
+menu() : void
+getOption() : int
+registerProducer() : void
+registerConsumer() : void
+registerAudio() : void
+createPlaylist() : void
+editPlaylist() : void
+sharePlaylist() : void
+playAudio() : void
+buySong() : void
+executeOption(option int) : void
model
Controller
-producers : Producer
-consumers : Consumer
-audios : Audio
-playlists : Playlist
+registerProducer(producerType : int, name : String, bondingDate : Date, url : String, totalPlayedTime : double, accumulatedReproductions : int) : Boolean
+registerConsumer(nickname : String, id : String, bondingDate : Date, totalReproducedTime : double) : Boolean
+registerSong(producerName : String, name : String, url : String, duration : double, album : String, saleValue : double) : Boolean
+registerPodcast(producerName : String, name : String, url : String, duration : double, description : String) : Boolean
+createPlaylist(idConsumer : String, name : String) : Boolean
+editPlaylist(idAudioName : String, addAudio : Boolean, deleteAudio : boolean) : Boolean
+sharePlaylist(playlistName : String) : String
+playAudio(audioName : String) : Boolean
+buySong(songName : String) : Boolean
+totalAudioPlays() : String
+genreMostListened() : String
+categoryMostListened() : String
+topSArtists() : String
+topSContentCreators() : String
+top10Songs() : String
+top10Podcasts() : String
+refactSongs() : String
+mostSelledSong() : String
Playlist
-name : String
-songs : Song
-podcasts : Podcast
+Playlist(name : String)
+getName() : String
+setName(name : String) : void
+getSongs() : Song
+setSongs(songs : Song) : void
+getPodcasts() : Podcast
+setPodcasts(podcasts : Podcast) : void
+code(indexPlaylist : int) : String
Podcast
-description : String
+Podcast(name : String, url : String, duration : double, description : String)
+getDescription() : String
+setDescription(description : String) : void
Audio
-name : String
-url : String
-duration : double
+Audio(name : String, url : String, duration : double)
+getName() : String
+setName(name : String) : void
+getUrl() : String
+setUrl(url : String) : void
+getDuration() : double
+setDuration(duration : double) : void
Song
-album : String
-saleValue : double
+Song(name : String, url : String, duration : double, album : String, saleValue : double)
+getAlbum() : String
+setAlbum(album : String) : void
+getSaleValue() : double
+setSaleValue(saleValue : double) : void
<<enumeration>>
Category
POLITIC
ENTERTAINMENT
VIDEOGAMES
FASHON
<<enumeration>>
Genre
ROCK
POP
TRAP
HOUSE
User
-nickname : String
-id : String
-bondingDate : Date
-totalReproducedTime : double
+User(nickname : String, id : String, bondingDate : Date, totalRep...
+getNickname() : String
+setNickname(nickname : String) : void
+getId() : String
+setId(id : String) : void
+getBondingDate() : Date
+setBondingDate(bondingDate : Date) : void
+getTotalReproducedTime() : double
+setTotalReproducedTime(totalReproducedTime : double) : void
Producer
-name : String
-accumulatedReproductions : int
+Producer(name : String, bondingDate : Date, url : String, totalPlayedTime : double, accumulatedReproductions : int)
+getName() : String
+setName(name : String) : void
+getAccumulatedReproductions() : int
+setAccumulatedReproductions(accumulatedReproductions : int) : void
Consumer
+Consumer(nickname : String, id : String, bondingDate : Date, totalReproducedTime : double)
Premium
+Premium(nickname : String, id : String, bondingDate : Date, totalReproducedTime : double)
Standard
+Standard(nickname : String, id : String, bondingDate : Date, totalReproducedTime : double)
Artist
-songs : Song
+getSongs() : Song
+setSongs(songs : Song) : void
ContentCreator
-podcasts : Podcast
+getPodcasts() : Podcast
+setPodcasts(podcasts : Podcast) : void
<<Interface>>
TimeReproduced
+TimeReproduceable()
have
1
0..*
0..20
0..100