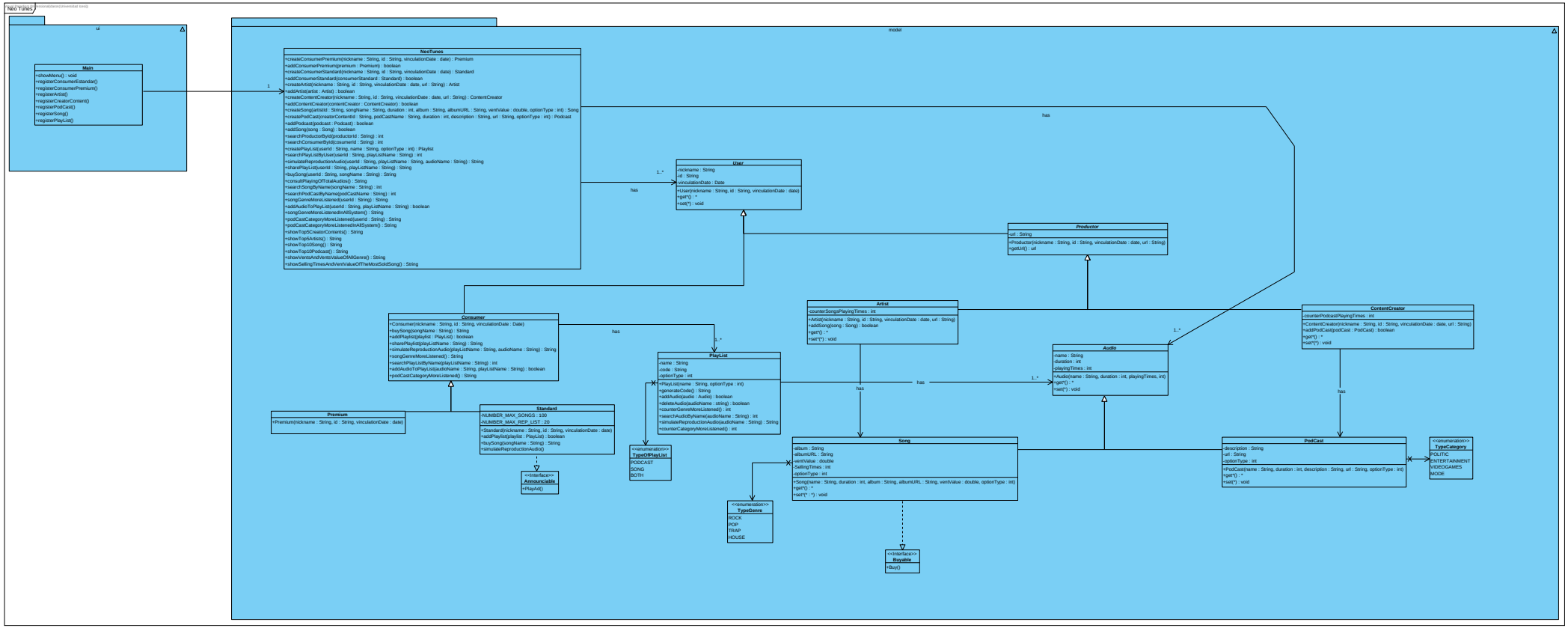
Neo Tunes
ui
Main
+showMenu() : void
+registerConsumerEstandar()
+registerConsumerPremium()
+registerArtist()
+registerCreatorContent()
+registerPodCast()
+registerSong()
+registerPlayList()
1
model
NeoTunes
+createConsumerPremium(nickname : String, id : String, vinculationDate : date) : Premium
+addConsumerPremium(premium : Premium) : boolean
+createConsumerStandard(nickname : String, id : String, vinculationDate : date) : Standard
+addConsumerStandard(consumerStandard : Standard) : boolean
+createArtist(nickname : String, id : String, vinculationDate : date, url : String) : Artist
+addArtist(artist : Artist) : boolean
+createContentCreator(nickname : String, id : String, vinculationDate : date, url : String) : ContentCreator
+addContentCreator(contentCreator : ContentCreator) : boolean
+createSong(artistId : String, songName : String, duration : int, album : String, albumURL : String, ventValue : double, optionType : int) : Song
+createPodCast(creatorContentId : String, podCastName : String, duration : int, description : String, url : String, optionType : int) : Podcast
+addPodcast(podcast : Podcast) : boolean
+addSong(song : Song) : boolean
+searchProductorById(productorId : String) : int
+searchConsumerById(consumerId : String) : int
+createPlayList(userId : String, name : String, optionType : int) : Playlist
+searchPlayListByUser(userId : String, playListName : String) : int
+simulateReproductionAudio(userId : String, playListName : String, audioName : String) : String
+sharePlayList(userId : String, playListName : String) : String
+buySong(userId : String, songName : String) : String
+consultPlayingOfTotalAudios() : String
+searchSongByName(songName : String) : int
+searchPodCastByName(podCastName : String) : int
+songGenreMoreListened(userId : String) : String
+addAudioToPlayList(userId : String, playListName : String) : boolean
+songGenreMoreListenedInAB(system) : String
+podCastCategoryMoreListened(userId : String) : String
+podCastCategoryMoreListenedInAB(system) : String
+showTopsCreatorContents() : String
+showTop5Artists() : String
+showTop10Song() : String
+showTop10Podcast() : String
+showVentsAndVentsValueOfAllGenre() : String
+showSellingTimesAndVentValueOfTheMostSoldSong() : String
1..*
has
has
User
-nickname : String
-id : String
-vinculationDate : Date
+User(nickname : String, id : String, vinculationDate : date)
+get(*) : *
+set(*) : void
Productor
-url : String
+Productor(nickname : String, id : String, vinculationDate : date, url : String)
+getUrl() : url
Consumer
+Consumer(nickname : String, id : String, vinculationDate : Date)
+buySong(songName : String) : String
+addPlaylist(playlist : PlayList) : boolean
+sharePlaylist(playListName : String) : String
+simulateReproductionAudio(playListName : String, audioName : String) : String
+songGenreMoreListened() : String
+searchPlayListByName(playListName : String) : int
+addAudioToPlayList(audioName : String, playListName : String) : boolean
+podCastCategoryMoreListened() : String
has
1..*
PlayList
-name : String
-code : String
-optionType : int
+PlayList(name : String, optionType : int)
+generateCode() : String
+addAudio(audio : Audio) : boolean
+deleteAudio(audioName : string) : boolean
+counterGenreMoreListened() : int
+searchAudioByName(audioName : String) : int
+simulateReproductionAudio(audioName : String) : String
+counterCategoryMoreListened() : int
Artist
-counterSongsPlayingTimes : int
+Artist(nickname : String, id : String, vinculationDate : date, url : String)
+addSong(song : Song) : boolean
+get(*) : *
+set(*) : void
ContentCreator
-counterPodcastPlayingTimes : int
+ContentCreator(nickname : String, id : String, vinculationDate : date, url : String)
+addPodCast(podCast : PodCast) : boolean
+get(*) : *
+set(*) : void
1..*
Audio
-name : String
-duration : int
-playingTimes : int
+Audio(name : String, duration : int, playingTimes, int)
+get(*) : *
+set(*) : void
has
has
has
has
1..*
Premium
+Premium(nickname : String, id : String, vinculationDate : date)
Standard
-NUMBER_MAX_SONGS : 100
-NUMBER_MAX_REP_LIST : 20
+Standard(nickname : String, id : String, vinculationDate : date)
+addPlaylist(playlist : PlayList) : boolean
+buySong(songname : String) : String
+simulateReproductionAudio()
<<Interface>>
Announciable
+PlayAll()
<<enumeration>>
TypeOfPlayList
PODCAST
SONG
BOTH
Song
-album : String
-albumURL : String
-ventValue : double
-SellingTimes : int
-optionType : int
+Song(name : String, duration : int, album : String, albumURL : String, ventValue : double, optionType : int)
+get(*) : *
+set(*) : *) : void
<<enumeration>>
TypeGenre
ROCK
POP
TRAP
HOUSE
<<Interface>>
Buyable
+Buy()
PodCast
-description : String
-url : String
-optionType : int
+PodCast(name : String, duration : int, description : String, url : String, optionType : int)
+get(*) : *
+set(*) : void
<<enumeration>>
TypeCategory
POLITIC
ENTERTAINMENT
VIDEOGAMES
MODE