TRACEABILITY TABLE
NeoTunes - Integrative Task 3

Functional Requirement	Class Name	Method name
Rf001 – Register Producer	Manager	registerProducer(): void
	Controller	registerArtist(name: String, documentId: String, pictureUrl: String): boolean
	Controller	registerContentCreator(name: String, pictureUrl: String): boolean
	Controller	searchUser(userName: String): User
	ContentCreator	ContentCreator(name: String, pictureUrl: String)
	Artist	Artist(name: String, documentId: String, pictureUrl: String)
RF002 – Register Consumer	Manager	registerConsumer():boolean
	Controller	registerStandardConsumer(): boolean
	Controller	registerPremiumConsumer(): boolean
	Controller	searchUser(userName: String): User
	StandardConsumer	StandardConsumer(nickname: String, documentId: String)

	PremiumConsumer	PremiumConsumer(name: String, pictureUrl: String)
RF003 – Register Audio	Manager	registerAudio(): void
	Controller	showUsers(): String
		showPodcastCategories(): String
		showSongGenres(): String
		showCatalogue(): String
		searchUser(userName: String): User
		searchAudio(audioName: String): Audio
		registerSong(songName: String, pictureUrl: String, duration: String, genre: int, album: String, saleValue: double, artistName: String): boolean
		registerPodcast(podcastName: String, pictureUrl: String, duration: String, category: String, description: String, contentCreatorName: String): boolean
	Artist	addAudio(newAudio: Audio): boolean
	ContentCreator	addAudio(newAudio: Audio): boolean

	Song	Song(songName: String, pictureUrl: String, duration: String, genre: int, album: String, saleValue: double, artistName: String)
	Podcast	Podcast(podcastName: String, pictureUrl: String, duration: String, category: String, description: String, contentCreatorName: String)
RF004 – Register Playlist	Manager	registerPlaylist(): void
	Controller	showUsers(): String
		registerPlaylist(consumerName: String, type: int, name: String): boolean
		searchUser(userName: String): User
		showConsumerPlaylists(consumerName: String): String
	Consumer	addPlaylist(newPlaylist: Playlist): boolean
	Playlist	Playlist(name: String)
	SongPlaylist	SongPlaylist(name:String)
	PodcastPlaylist	PodcastPlaylist(name: String)
RF005 – Edit Playlist	Manager	editPlaylist(): void
	Controller	showUsers(): String

		showConsumerPlaylists(consumerName: String): String
		addOrRemovePlaylistAudio(operation: int, consumerName: String, audioName: String, playlistId: String): boolean
		renamePlaylist(consumerName: String, playlistId: String, playlistId: String): boolean
		searchUser(userName: String): User
		searchPlaylist(id: String): Playlist
		searchAudio(audioName: String): Audio
	Playlist	addAudio(newAudio: Audio): boolean
		searchAudio(newAudio: Audio): Audio