Use Case ID:	UC-01		
Use Case Name:	Create Account		
Description:	Users can create an account to use for our service		
Actors:	Users		
Pre-conditions			
Post-conditions	Users will have an account. A confirmation email will be sent.		
Frequency of Use:	Once		
Flow of Events:		**Actor Action**	**System Response**
	1	Enter email, username, and password	
	2	Click "Sign Up"	Hash and store information
	3		Send confirmation email
Variations:			
Exceptions:	Username or email already in use		
Developer Notes:			

Use Case ID:	UC-02		
Use Case Name:	Create Playlist		
Description:	Users can create a new playlist		
Actors:	Users		
Pre-conditions	User is logged in		
Post-conditions	A new playlist is created		
Frequency of Use:	Less than 10 times a day on per user on average		
Flow of Events:		**Actor Action**	**System Response**
	1	Click "New Playlist"	Opens new playlist dialog
	2	Enter name	
	3	Enter optional description	
	4	Click "Done"	New playlist is associated with user
Variations:			
Exceptions:			
Developer Notes:			

Use Case ID:	UC-03	
Use Case Name:	Find song	
Description:	Users can search a database of songs to add to their playlists	
Actors:	Users	
Pre-conditions	User is logged in and they have a least one playlist created	
Post-conditions	A song is added to a playlist	
Frequency of Use:	Up to hundreds of times a day per user	

Flow of Events:		**Actor Action**	**System Response**
	1	Enter song into search bar	Searches database to find matching result
	2	Choose playlist to add song to	Song is added to playlist

Variations:	
Exceptions:	
Developer Notes:	

Use Case ID:	UC-04	
Use Case Name:	Find album	
Description:	Users can search a database of albums to add to their playlists	
Actors:	Users	
Pre-conditions	User is logged in and they have a least one playlist created	
Post-conditions	An album is added to a playlist	
Frequency of Use:	Up to hundreds of times a day per user	

Flow of Events:		**Actor Action**	**System Response**
	1	Enter album into search bar	Searches database to find matching result
	2	Choose playlist to add album to	Album is added to playlist

Variations:	Can choose subset of songs from album to add to playlist
Exceptions:	
Developer Notes:	

Use Case ID:	UC-05		
Use Case Name:	Find artist		
Description:	Users can search a database of artists to add to their playlists		
Actors:	Users		
Pre-conditions	User is logged in and they have a least one playlist created		
Post-conditions	An artist's music is added to a playlist		
Frequency of Use:	Once per playlist		
Flow of Events:		**Actor Action**	**System Response**
	1	Enter artist into search bar	Searches database to find matching result
	2	Choose song or album from artist	
	3	Choose playlist to add song or album to	Song or album is added to playlist
Variations:			
Exceptions:			
Developer Notes:			

Use Case ID:	UC-06		
Use Case Name:	Share playlist		
Description:	Users can get link to playlist to share		
Actors:	Users		
Pre-conditions	User is logged in and they have a least one playlist created		
Post-conditions	A unique link is created for the playlist		
Frequency of Use:	Once per playlist		
Flow of Events:		**Actor Action**	**System Response**
	1	Click "Share playlist"	Displays unique playlist link which user can copy
Variations:			
Exceptions:			
Developer Notes:			

Use Case ID:	UC-07	
Use Case Name:	Make playlist collaborative	
Description:	Users can choose to make playlist collaborative so others can also edit it	
Actors:	Users	
Pre-conditions	User is logged in and they have a least one playlist created	
Post-conditions	Playlist can now be edited by multiple users	
Frequency of Use:	Once per playlist	

		Actor Action	System Response
Flow of Events:	1	Click "Make Collaborative"	Sets flag for playlist that it can be edited by someone other than the playlist owner

Variations:	Can also revoke a playlists collaborative features
Exceptions:	
Developer Notes:	

Use Case ID:	UC-08	
Use Case Name:	Tag playlists	
Description:	Users can tag playlists based on style, genre, etc	
Actors:	Users	
Pre-conditions	User is logged in and they have a least one playlist created	
Post-conditions	Playlist has at least one tag	
Frequency of Use:	Less than 10 times per playlist on average	

		Actor Action	System Response
Flow of Events:	1	Click "Tag Playlist"	Open tag search dialog
	2	User can browse or search for desired tag	
	3	Select tag	Tag added to playlist in database
	4	Steps 2 and 3 can be repeated	

Variations:	
Exceptions:	
Developer Notes:	

Use Case ID:	UC-09	
Use Case Name:	Search Playlist by Name	
Description:	Users can search for a playlist by name	
Actors:	Users	
Pre-conditions	User is logged in	
Post-conditions	User can view desired playlist	
Frequency of Use:	Daily	

Flow of Events:		Actor Action	System Response
	1	Enter playlist name into search bar	Searches database to find matching result
	2	User selects playlist	Playlist is displayed

Variations:		
Exceptions:		
Developer Notes:		

Use Case ID:	UC-10	
Use Case Name:	Search Playlist by Tag	
Description:	Users can search for a playlist by tag	
Actors:	Users	
Pre-conditions	User is logged in	
Post-conditions	User can view desired playlist	
Frequency of Use:	Daily	

Flow of Events:		Actor Action	System Response
	1	Enter tag into search bar	Searches database to find matching result
	2	User selects playlist from list	Playlist is displayed

Variations:		
Exceptions:		
Developer Notes:		

Use Case ID:	UC-11	
Use Case Name:	Follow Playlist	
Description:	Users can search for a playlist by tag	
Actors:	Users	
Pre-conditions	User is logged in and have searched for a playlist	
Post-conditions	User follows playlist meaning it will show up in their list of playlists	
Frequency of Use:	Daily	
Flow of Events:		**Actor Action**	**System Response**
	1	On viewing a playlists, can click "Follow."	Playlist now appears in users list of playlists
Variations:		
Exceptions:		
Developer Notes:		

Use Case ID:	UC-12	
Use Case Name:	Sync with Spotify Account	
Description:	User can sync with their Spotify account to facilitate exporting playlists	
Actors:	Users	
Pre-conditions	User is logged in	
Post-conditions	User's Spotify account is synced	
Frequency of Use:	Once	
Flow of Events:		**Actor Action**	**System Response**
	1	Click "Sync with Spotify"	Open dialog to enter Spotify username and password
	2	User enters Spotify username and password	Authenticates connection
Variations:		
Exceptions:	Spotify username or password are incorrect	
Developer Notes:		

Use Case ID:	UC-13	
Use Case Name:	Export playlist to Spotify	
Description:	User can export playlist to their Spotify account so they can listen to it on the Spotify streaming service	
Actors:	Users	
Pre-conditions	User is logged in and are viewing a playlist	
Post-conditions	User has successfully exported playlist into Spotify	
Frequency of Use:	Daily	
Flow of Events:		**Actor Action**	**System Response**
	1	Click "Export to Spotify"	Playlist is exported into Spotify format and added to users Spotify account
Variations:		
Exceptions:		
Developer Notes:		

Use Case ID:	UC-14	
Use Case Name:	Sync with Google Play Music Account	
Description:	User can sync with their Google Play Music account to facilitate exporting playlists	
Actors:	Users	
Pre-conditions	User is logged in	
Post-conditions	User's Google Play Music account is synced	
Frequency of Use:	Once	
Flow of Events:		**Actor Action**	**System Response**
	1	Click "Sync with Google Play Music"	Open dialog to enter Google Play Music username and password
	2	User enters Google Play Music username and password	Authenticates connection
Variations:		
Exceptions:	Google Play Music username or password are incorrect	
Developer Notes:		

Use Case ID:	UC-15	
Use Case Name:	Export playlist to Google Play Music	
Description:	User can export playlist to their Google Play Music account so they can listen to it on the Google Play Music streaming service	
Actors:	Users	
Pre-conditions	User is logged in and are viewing a playlist	
Post-conditions	User has successfully exported playlist into Google Play Music	
Frequency of Use:	Daily	
Flow of Events:	**Actor Action**	**System Response**
	1 Click "Export to Google Play Music"	Playlist is exported into Google Play Music format and added to users Google Play Music account
Variations:		
Exceptions:		
Developer Notes:		

Use Case ID:	UC-16	
Use Case Name:	Sync with Tidal Account	
Description:	User can sync with their Tidal account to facilitate exporting playlists	
Actors:	Users	
Pre-conditions	User is logged in	
Post-conditions	User's Tidal account is synced	
Frequency of Use:	Once	
Flow of Events:	**Actor Action**	**System Response**
	1 Click "Sync with Tidal"	Open dialog to enter Tidal username and password
	2 User enters Tidal username and password	Authenticates connection
Variations:		
Exceptions:	Tidal username or password are incorrect	
Developer Notes:		

Use Case ID:	UC-17	
Use Case Name:	Export playlist to Tidal	
Description:	User can export playlist to their Tidal account so they can listen to it on the Tidal streaming service	
Actors:	Users	
Pre-conditions	User is logged in and are viewing a playlist	
Post-conditions	User has successfully exported playlist into Spotify	
Frequency of Use:	Daily	

		Actor Action	System Response
Flow of Events:	1	Click "Export to Tidal"	Playlist is exported into Tidal format and added to users Tidal account

Variations:	
Exceptions:	
Developer Notes:	