**Audio Documentation**

**Purpose Statement:**

This application will allow users to organize, navigate and play their favorite music.

**User Stories:**

User Story 1:

Title: Successful login

Preconditions: none

Postconditions: user is signed into application

Steps:

1. User clicks on application, and it opens
2. User is directed to the login page
3. User clicks login button
4. User enters correct email and password and clicks ‘submit’
5. User is redirected to main page

User Story 2:

Title: Successful search for an artist, song, or album

Preconditions: user is logged into application

Postconditions: user has found desired audio or artist

Steps:

1. User goes to main page
2. User clicks browse button
3. User enters correct artist, song or album
4. User finds desired artist, song, or album

User Story 3:

Title: Successful creation of a playlist

Preconditions: user is logged into application

Postconditions: user has a newly created playlist

Steps:

1. User goes to main page
2. User clicks create new playlist button
3. User enters proper playlist name
4. New playlist is added to the list of the users’ playlists

User Story 4:

Title: Successful storage of a song and or album to a playlist

Preconditions: user is logged into application

Postconditions: user has song stored on playlist

Steps:

1. User goes to main page
2. User successfully finds a song
3. User clicks on the song options button
4. User clicks on the add song to playlist button
5. User chooses a playlist to add the song to
6. Song is successfully added to the desired playlist

User Story 5:

Title: Successful change of the equalizer

Preconditions: user is logged into application

Postconditions: Audio output has now been changed

Steps:

1. User goes to main page
2. User clicks the settings button
3. User clicks the equalizer button
4. User changes the equalizer settings
5. Settings were changed and saved successfully

**UML Class Diagram:**