| **Use Case ID** | UC 8 |
| --- | --- |
| **Use Case Name** | User chooses to view song information |
| **Author Name** | Shane Arwood |
| **Primary Actor** | Subscriber |
| **Actor’s Goal** | User wants to view information about the album, artist, or genre associated with a particular song. |
| **Business Value** | NICE |

## Description

The use case details the event that the user chooses to view more information about a song, such as the album, artist, or genre the song is associated with. The system checks if the information is available then directs the user to the appropriate page.

## Main Success Scenario

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | The user mouses over the cover art of a song either from the media player or while browsing. | The system displays a list of options: “View artist information”, “View album information”, or “View genre radio”. |
| **2** | The user clicks the option they want to view information about. | The system checks that the information the user wanted is available on the streaming service (for example, the song is actually in an album) |
| **3** |  | The system redirects the user to the artist page, album page, or genre radio associated with the song. |
| **4** | The user clicks the backwards arrow on the artist/album/genre radio page. | The system returns the user to the page from which they originally chose to view more information. |

## Alternative Failure Scenario 1: There is no album associated with a song

**Trigger Condition**: The user selects “View album information” for a song which is a single, or not part of a particular album.

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | The user mouses over the cover art of a song either from the media player or while browsing. | The system displays a list of options including “View artist information”, “View album information”, or “View genre radio”. |
| **2** | The user clicks ”View album information”. | The system displays a dialogue box with the error message, “No album associated with this song”. |
| **3** |  | The system closes the dialogue box. |

## Alternative Failure Scenario 2: User fails to choose which aspect of the song to view more information about

**Trigger Condition**: The user mouses over the cover art of a song, but does not respond to the system prompt to view more information.

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | The user mouses over the cover art of a song either from the media player or while browsing. | The system displays a list of options including “View artist information”, “View album information”, or “View genre radio”. |
| **2** | The user clicks outside of the list of options or does not respond within 10 seconds. | The system closes the list of options. |

| **Secondary Actors** | N/A |
| --- | --- |
| **Trigger Event** | The user mouses over the cover art of a song. |
| **Precondition** | Each song has cover art and an artist, album, and genre associated with it. |
| **Frequency of Execution** | Regularly (several times per day). |
| **Success Criteria (optional)** | The system should take the user to the information they requested about the song. |
| **Development Cost** | AVERAGE |

## Discussion

N/A

## Issues / Risks

Because song information is added by the artist, there could be issues with the validity of the information presented to the user if it is not verified.

## Non-Functional Requirements

The system should have up-to-date information about each song in its database in order to show the user correct information and retrieve it in under 3 seconds.

## UML Activity Diagram

