| **Use Case ID** | UC 10 |
| --- | --- |
| **Use Case Name** | User adjusts the size of the media player display. |
| **Author Name** | Shane Arwood |
| **Primary Actor** | Subscriber |
| **Actor’s Goal** | The user wants to switch between the default player, mini player, and full screen player. |
| **Business Value** | NICE |

## Description

The use case details the case that the user wants to change the size of the media player. The system initially allows the user to play a song and opens the default media player, then adjusts the size of the player when the user chooses.

## Main Success Scenario

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | The user selects the screen icon on the media player that indicates they want to change the media player view. | The system displays a list of options: “Default Player”, “Mini Player”, and “Full Screen”. |
| **2** | The user selects a display option different than the one currently being used (for example, switching from default to full screen) | The system displays a confirmation message: “Switch to <the display the user chose>?” |
| **3** | User selects “Yes” | The system changes the media player display to the one the user chose. |

## Alternative Failure Scenario 1: User selects the same display currently being used

**Trigger Condition**: User selects to switch to the same display they’re already in.

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | The user selects the screen icon on the media player that indicates they want to change the media player view. | The system displays a list of options: “Default Player”, “Mini Player”, and “Full Screen”. |
| **2** | The user selects to switch to the media player display currently being used. | The system displays the error message: “Already in <default/mini/full screen> view”. |
| **3** | The user clicks outside the error message or clicks the “x” on the dialogue box. | The system closes the error message. |

## Alternative Failure Scenario 2: User fails to confirm to switch the display

**Trigger Condition**: When prompted for confirmation after choosing a view to switch to, the user declines.

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | The user selects the screen icon on the media player that indicates they want to change the media player view. | The system displays a list of options: “Default Player”, “Mini Player”, and “Full Screen”. |
| **2** | The user selects a display option different than the one currently being used (for example, switching from default to full screen) | The system displays a confirmation message: “Switch to <the display the user chose>?” |
| **3** | User selects “No” | The system closes the dialogue box without changing the media player view. |

| **Secondary Actors** | N/A |
| --- | --- |
| **Trigger Event** | The user selected the change media player view icon. |
| **Precondition** | The user already has the media player open. |
| **Frequency of Execution** | Occasionally (several times per week) |
| **Success Criteria (optional)** | The media player is in the view the user chose. |
| **Development Cost** | AVERAGE |

## Discussion

Depending on the device, there might not be certain displays available (such as the mini player not being available on a mobile device). The developers will have to ensure that the list of options to switch the display to only include those compatible with the device.

## Issues / Risks

N/A

## Non-Functional Requirements

The system should switch the display in under 3 seconds. It should also only switch the display when the chosen display is available on the user’s device.

## UML Activity Diagrams

