| **Use Case ID** | UC 17 |
| --- | --- |
| **Use Case Name** | Create Playlist |
| **Author Name** | Nicholas Phan |
| **Primary Actor** | Customer |
| **Actor’s Goal** | The actor will create a playlist. |
| **Business Value** | IMPORTANT |

## Description

The user should be able to create a playlist and then have the option to input a name for this playlist.

## Main Success Scenario

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | User clicks the “create playlist” button | The system displays a text box prompt for a playlist name. |
| **2** | User inputs a name. | The playlist is created with the desired name. |
| **3** |  | User is redirected to the playlist. |

## Alternative Success Scenario 1: No name entered

**Trigger Condition**: Playlist is created but no name is entered.

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | User clicks the “create playlist” button | The system displays a text box prompt for a playlist name. |
| **2** | User clicks x on the prompt. | The system adds playlist with generic name “New Playlist #x” |
| **3** |  | User is redirected to the playlist. |

## Alternative Failure Scenario 2: Name already exists

**Trigger Condition**: Playlist with that name already exists

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | User clicks the “create playlist” button | The system displays a text box prompt for a playlist name. |
| **2** | User enters a playlist name that already exists | The system displays an error. |
| **3** |  | The system prompts for a valid name. |

| **Secondary Actors** | N/A |
| --- | --- |
| **Trigger Event** | User clicks the “create playlist” button. |
| **Precondition** | The user is logged in. |
| **Frequency of Execution** | 10+ times a day per user. |
| **Success Criteria (optional)** | A playlist is created. |
| **Development Cost** | AVERAGE |

## Non-Functional Requirements

The system should be able to create a new playlist within 1 second of user inputting valid information.

## UML Activity Diagrams

