| **Use Case ID** | UC 20 |
| --- | --- |
| **Use Case Name** | Like Song |
| **Author Name** | Nicholas Phan |
| **Primary Actor** | Customer |
| **Actor’s Goal** | To like a song and be displayed in their “liked songs” tab. |
| **Business Value** | IMPORTANT |

## Description

The user will like the song in order to tailor future recommendations to their preference.

## Main Success Scenario

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | Click the thumbs up button on the song | Display a colored thumb up near the song |
| **2** |  | Save the song to the user’s library under a “liked songs” tab |

## Alternative Success Scenario 1: Right Click Like

**Trigger Condition**: The user opts to right click the song in order to bring up the context menu and like the song.

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | Right click the song | Context menu displayed |
| **2** | Click “like song” in the context menu | Display a colored thumb up near the song |
| **3** |  | Save the song to the user’s library under a “liked songs” tab |

## Alternative Failure Scenario 2: Already Liked Song

**Trigger Condition**: The user attempts to like a song that was already previously liked.

| **Step** | **Actor Action** | **System Response** |
| --- | --- | --- |
| **1** | Click the thumbs up button on the song | The system finds that the song is already liked. |
| **2** |  | The system removes the like status from the song. |
| **3** |  | The song is removed from the “liked songs” tab |

| **Secondary Actors** | N/A |
| --- | --- |
| **Trigger Event** | The user likes a song. |
| **Precondition** | The user is logged in and has access to a song. |
| **Frequency of Execution** | 10+ times a session per user. |
| **Success Criteria (optional)** | The song is added to the user’s library and saved to a “liked songs” tab. |
| **Development Cost** | AVERAGE |

## Non-Functional Requirements

This entire process of liking the song and being added to a playlist should happen in under 0.5 seconds.

## UML Activity Diagrams

