Example Use Case

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| **Use Case ID:** | UC-04 |
| **Use Case Name:** | Search |
| **Description:** | Users can search database for song title, album title, artist, and playlist name. |

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| **Actors:** | Users | | |
| **Pre-conditions:** | Users have an account. | | |
| **Post-conditions:** | Users have songs, albums, artists, and playlists listed who match search terms. | | |
| **Frequency of Use:** | As frequently as desired. | | |
| **Flow of Events:** |  | **Actor Action** | **System Response** |
| 1 | User enters search term in the search window | System searches the music database for song titles, album titles, and artists matching the search term. |
|  |  | System searches the playlist database for the names matching the search term. |
|  |  | System displays the songs, albums, and artists matching the search term. |
|  |  | System displays albums, artists, and playlists as links that can be selected. |
| **Variations:** | 2 | User selects a link for the album, playlists, or artist. | System displays the songs for the link selected. |
| **Exceptions:** | 1 |  | No matching terms were found and system responds with “None found”. |
|  | 3 |  | No playlists for the selected streaming service were found. |
| **Developer Notes:** |  | | |