

Vision Statement

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2. Use Cases

Fully Dressed Use Case

Name: UC1 – Add songs to a playlist

Primary Actor: User

Preconditions:

- The user must be logged into the system.
- The user must have a playlist that has already been created.

Success Guarantee: The song selected by the user is added to the playlist.

Main Success Scenario: The user opens a playlist that already exists. They select the “add song” option. They search for a song (as described in brief UC4) and select it. The system adds the song to the playlist and gives a confirmation that the song has been successfully added.

Extensions / Alternate Scenarios: If a song has already been added to the playlist, the system displays “this song has already been added to the playlist.”

Miscellaneous / Open Issues: Possibility to add multiple songs at once.

Brief Use Cases

Name: UC4 – Search Song

Primary Actor: User

Precondition: User must be logged into the system.

Trigger: User selects the “search” option.

Main Success Scenario: The user enters a search query (song name, artist, or both). The system displays a list of matching songs. The user can view details of a selected song.

Success Guarantee: The system returns relevant songs that match the search criteria.

Extensions / Alternate Scenarios:

- If no results are found, the system displays “No songs found.”
- If the search query is empty, the system prompts the user to enter a valid search term.

Miscellaneous / Open Issues: Consider supporting advanced search filters (e.g., by album, genre, release year).

Name: UC5 – Sharing Playlists

Description: The user is able to generate a link to share their playlist with friends, family, and the community.