

Use-Cases of MyMusicList

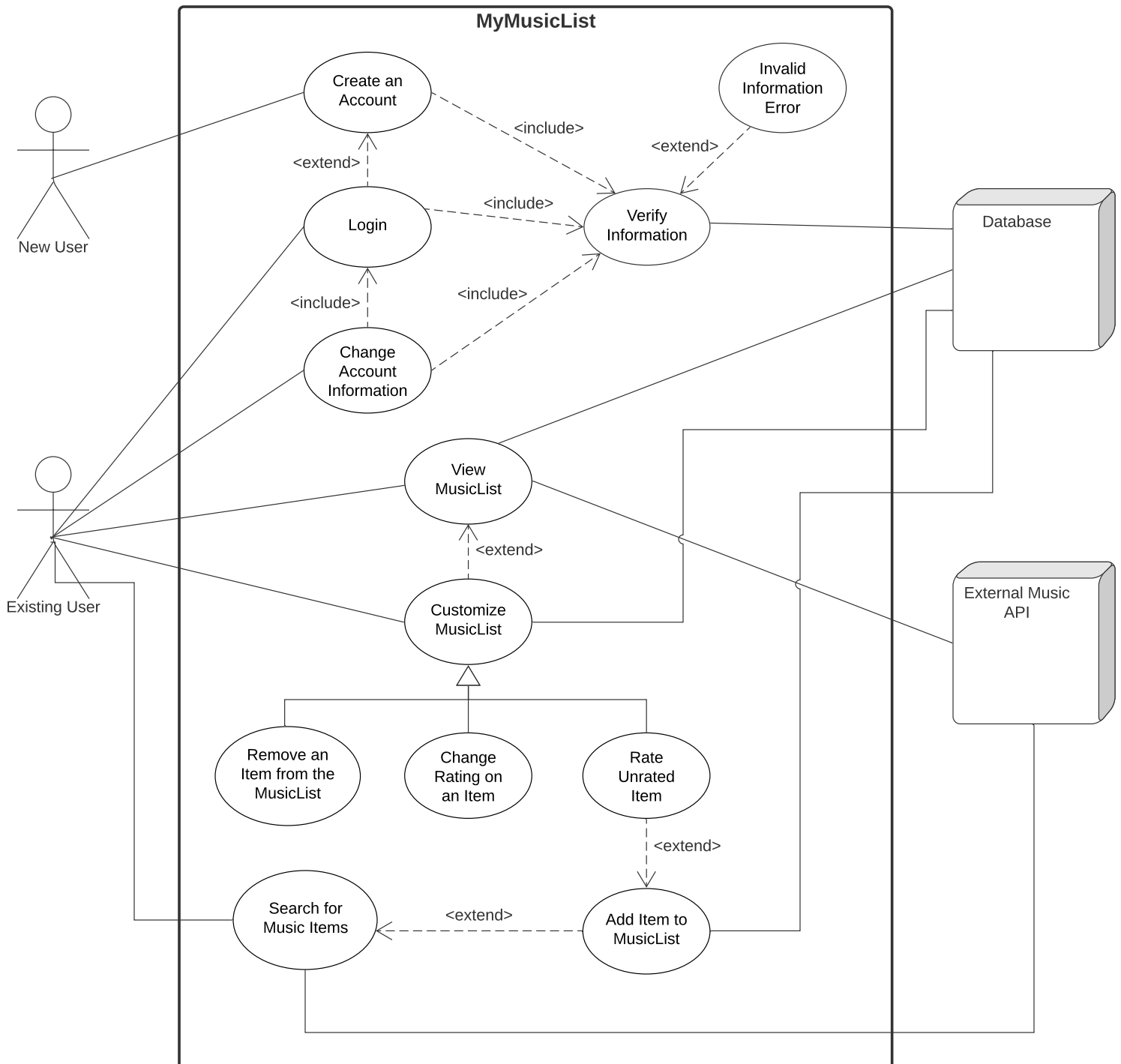
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MyMusicList By: Ada's Firewall

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The following Use-Case Diagram demonstrates all of the use cases of MyMusicList. Two of these cases are covered in more detail in the next two pages.

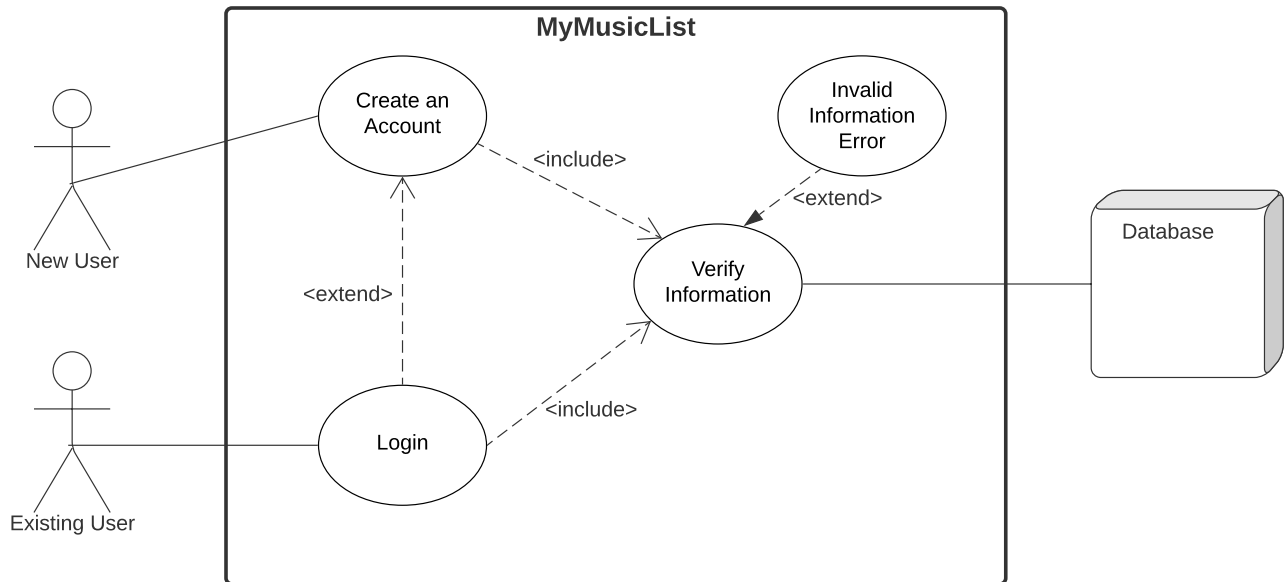
Some technical details: "Music Items" refers to albums, songs/tracks, and/or artists. Music items may rated when they are added to a MusicList or after. "Customize MusicList" is a general case of other more specific cases. Other actions such as searching for music items and customizing the MusicList still require a Login.



Case 1: Create an account and/or log into account.

Actor(s): New User, Existing User.

Description: Demonstrate the process of creating an account for new users and logging into an account for existing users.



Scenario 1: New user creates an account.

Preconditions:

- The user has started the application and is on the Login page.
- The user does not have an account.

Procedure:

1. The user clicks the Sign Up button and navigates to the Sign Up page.
2. Information for the new account is provided.
3. The Register button is clicked.
4. The information is verified and the new user account is created.
5. The user is returned to the Login page.

Post Conditions:

- The user now has an account and is on the Login page.

Scenario 2: An existing user logs in.

Preconditions:

- The user has started the application and is on the Login page.
- The user already has an account.

Procedure:

1. The user enters their username and password.
2. The Login button is clicked.
3. The username and password are verified and the user is logged in.
4. The user is now on their Profile page.

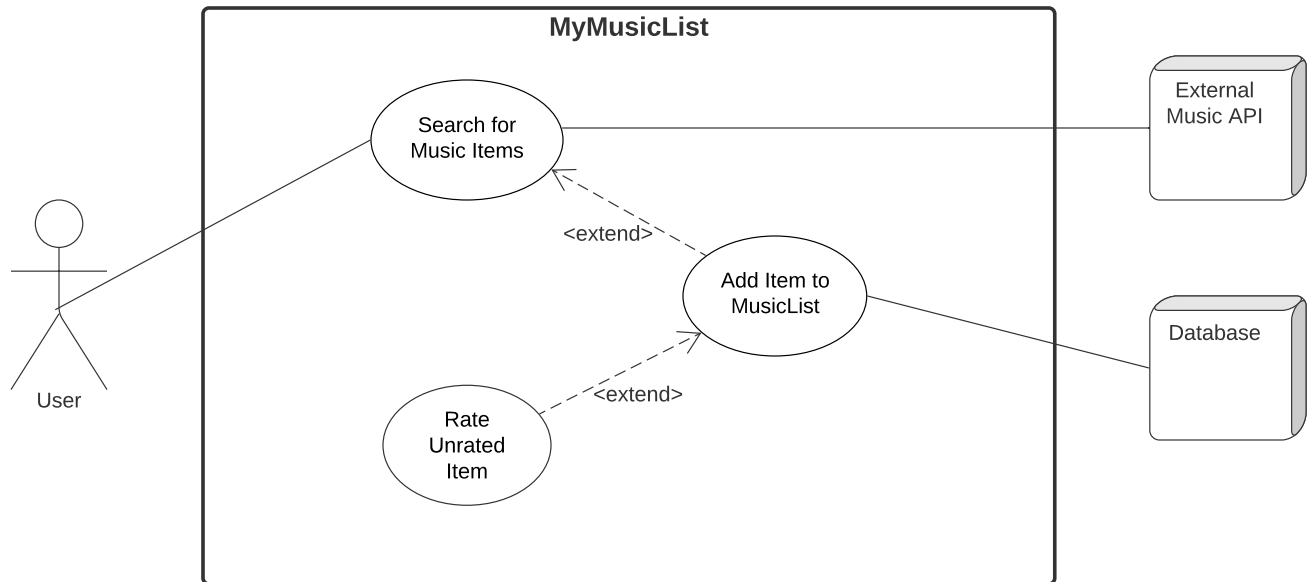
Post Conditions:

- The user is logged into their account and is on their Profile page.

Case 2: Search for Music Items and Add Items to MusicList.

Actor(s): Existing User.

Description: Demonstrate the process of searching for music items and then possibly adding selected items to the user's MusicList.



Scenario 1: User searches for music items.

Preconditions:

- The user has started the application and has logged in.
- The user is on the Search page.

Procedure:

1. The user types a keyword in the search field and selects what type of music items to search for.
2. The Search button is clicked.
3. The application makes a search request to the external music API.
4. The Search Results page is loaded and displays music items received from the search request.

Post Conditions:

- The user is on the Search Results page and can view music items.

Scenario 2: User searches for music items and adds items to their MusicList.

Preconditions:

- The user has started the application and has logged in.
- The user is on the Search page.
- The user has gone through the procedure described in Scenario 1 and is on the Search Results page.

Procedure:

1. The user selects music items to add to their MusicList.
2. The user selects or does not select a rating number to assign to the item.
3. The button "Add to MusicList" is clicked.
4. The item is added to the list and is now part of the user's MusicList.

Post Conditions:

- The item the user selected is added to their MusicList and the user is on the Search Results page.