Album grouper

Brief Description

Dataset: https://www.kaggle.com/datasets/kauvinlucas/30000-albums-aggregated-review-ratings

You are supposed to create an app that will show music albums, sorted by year, music group, genre, ratings and other data, and also allows user to add albums to the wishlist, put a rating and add a note.

Dataset Description

- Artist – string
- Album name – string
- Release date:
  Day - integer
  Month – string
  Year – integer
- Album format (LP or EP) – string
- Label – string
- Genre – string
- Critic score – integer

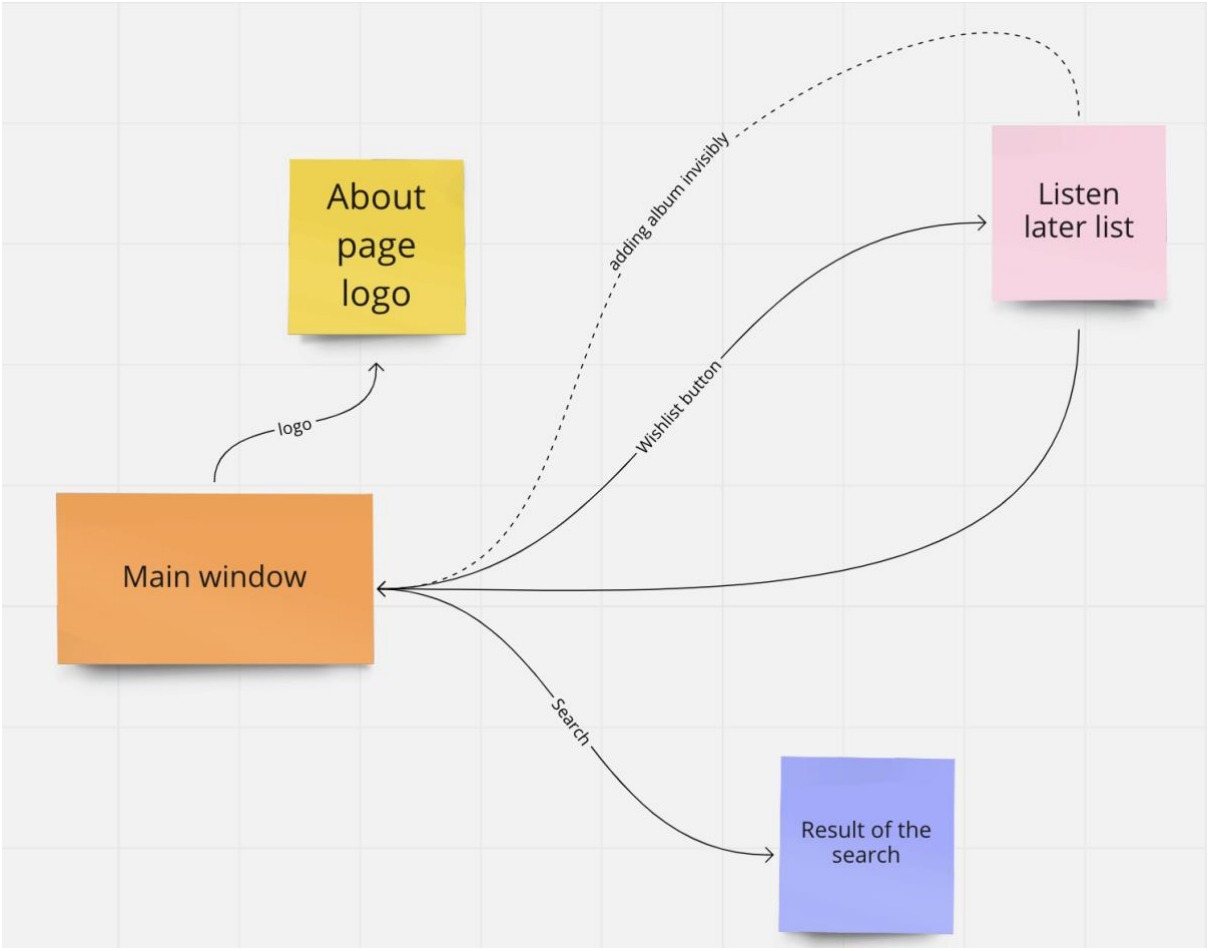
And although there are a number of reviews from critics in the dataset, you don't have to add them, since its useless.

Features

- Artist is the almost unique and universal field which should be used as the "master" in the master-detail pattern
- Search, sorting and filtering. The user enters something into the text field. Display elements containing user input in any of the fields. The list of albums can be sorted by any field from the end or from the beginning (this can be done by clicking on the headers).
- The artist's albums are sorted either by name or by release date
- When displaying artist albums, show their number
- Using the release date segment to show albums released on a fixed date (from 1 day to the entire library)
- Implement adding an album to the wishlist, that is *listen later* and also add a separate button for wishlist.
- Implement an album rating from 1 to 5 (or otherwise), so you can also implement the status of whether the album has been listened to or not through checking the availability of an assessment.
- Optional: you can add a column of notes so that you can insert some text there: from a simple note to a link;
- Optional: Showing artists by the first letter, that is, if conditionally Q is pressed, then there is a transition to artists starting with Q (Queen for example)

- Optional: Include a translation to some other language.
- Saving user settings, i.e. filter settings, wishlist, ratings and notes.

Diagram/sketch



Main window view: