

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

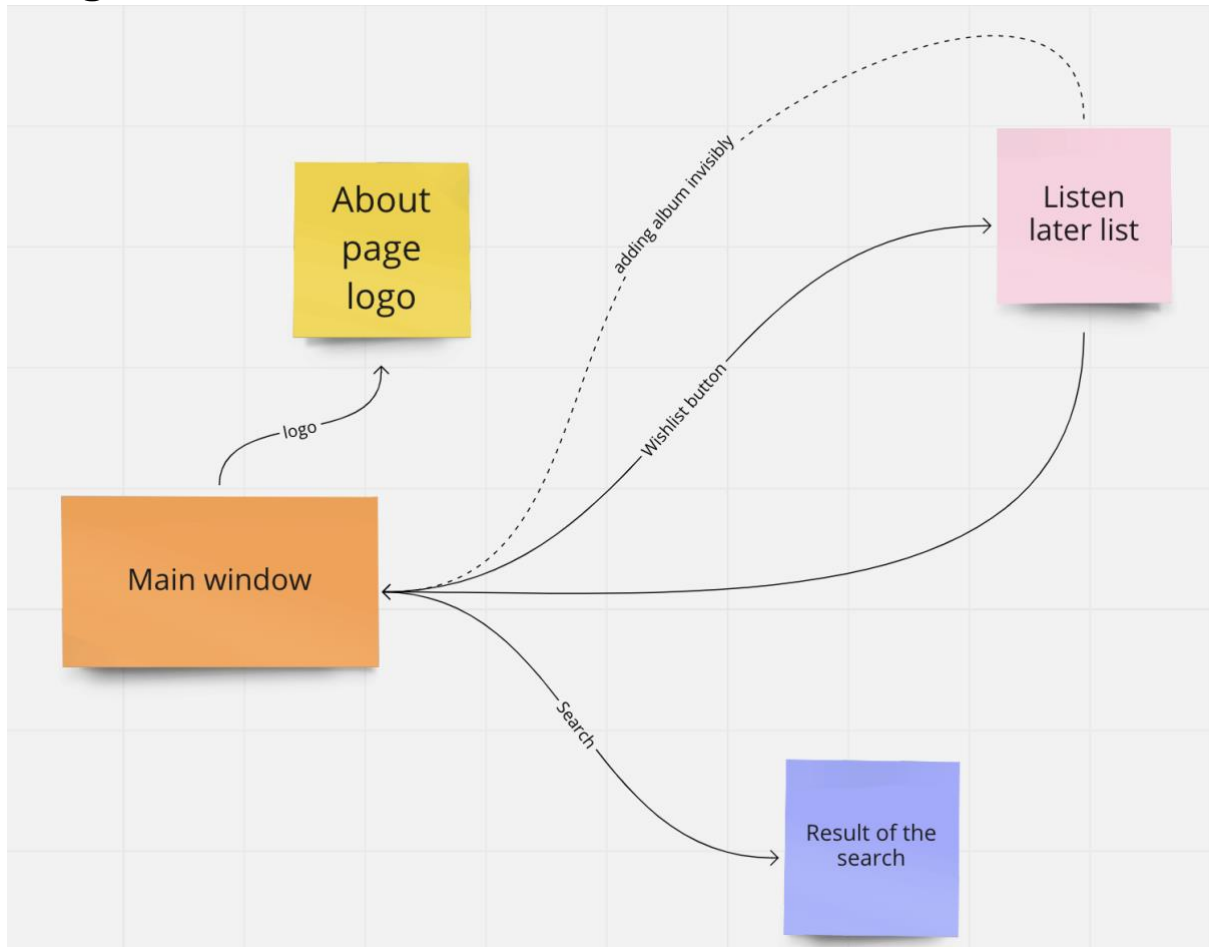
And although there are a number of reviews from critics in the dataset, you don't have to add them, since its useless.

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:

Logo/name							
Title		Time	Artist	Album	Genre		Plays
The Happiest Days Of Our Li...	...	1:45	Pink Floyd	The Wall	Progressiv...		
Another Brick In The Wall, P...	...	4:00	Pink Floyd	The Wall	Progressiv...		
Mother	...	5:32	Pink Floyd	The Wall	Progressiv...		
Goodbye Blue Sky	...	2:46	Pink Floyd	The Wall	Progressiv...		
Empty Spaces	...	2:08	Pink Floyd	The Wall	Progressiv...		
Young Lust	...	3:30	Pink Floyd	The Wall	Progressiv...		
One Of My Turns	...	3:37	Pink Floyd	The Wall	Progressiv...		
Don't Leave Me Now	...	4:16	Pink Floyd	The Wall	Progressiv...		
Another Brick In The Wall, P...	...	1:14	Pink Floyd	The Wall	Progressiv...		
Goodbye Cruel World	...	1:16	Pink Floyd	The Wall	Progressiv...		
Hey You	...	4:40	Pink Floyd	The Wall	Progressiv...		
Is There Anybody Out There	...	2:57	Pink Floyd	The Wall	Progressiv...		
Nobody Home	...	3:11	Pink Floyd	The Wall	Progressiv...		
Vera	...	1:29	Pink Floyd	The Wall	Progressiv...		
Bring The Boys Back Home	...	1:26	Pink Floyd	The Wall	Progressiv...		
Comfortably Numb	...	6:22	Pink Floyd	The Wall	Progressiv...		
The Show Must Go On	...	1:38	Pink Floyd	The Wall	Progressiv...		
In The Flesh	...	4:13	Pink Floyd	The Wall	Progressiv...		
Run Like Hell	...	4:18	Pink Floyd	The Wall	Progressiv...		
Waiting For The Worms	...	4:04	Pink Floyd	The Wall	Progressiv...		
Stop	...	0:30	Pink Floyd	The Wall	Progressiv...		
The Trial	...	5:19	Pink Floyd	The Wall	Progressiv...		
Outside The Wall	...	1:45	Pink Floyd	The Wall	Progressiv...		