Record Library Project

Saturday, March 19, 2022
Dark Globe Interactive
Record Library Project.WORKING.graffle

An app that generates a user friendly interface for a spreadsheet-based record collection.

v.0.1 — March 13, 2022
v.1.0 — March 18, 2022
v.1.1 — March 19, 2022

Record Library Project

Desktop View

MY RECORD LIBRARY

Filter By: Artist ▼ Genre ▼ Reset All (A)

Artist	Album	Origin	OG?	Condition	Mono?	Genre	Notes (B)
13th Floor Elevators, The	Easter Everywhere	Used				Rock	Gift from Travis
A Tribe Called Quest (C)	The Low End Theory	Used	OG			Rock	Gift from Tara
AC/DC	High Voltage	Used	OG			Rock	
Beatles, The	Rubber Soul	Used	OG		Yes	Rock	Gift from Travis
Various Artists	2001: A Space Odysset	Used	OG			Soundtrack	
Lamar, Kendrick	Black Panther	New				Soundtrack	
Various Artists	The Concert For Bangladesh	Used	OG			Soundtrack	
Herb Alpert's Tijuana Brass	Whipped Cream & Other Delights	Used	OG	Water-logged cover		Jazz	
Jackson, Milt	Bags Meets Wes!	Used	OG	Bad scratches		Jazz	
Mahavishnu Orchestra, The	Birds of Fire	Used	OG			Jazz	
Morgan, Lee	Search for the New Land	New				Jazz	Reissue
Simone, Nina	Nina Simone "Live"	Used				Jazz	Split-side album with Stan Getz
Carlos, Wendy	Switched-On Bach	Used		Notched album cover		Classical	
Wagner, Richard	The Flying Dutchman Highlights	Used		Rough cover		Classical	
Scriabin, Alexander	Hilde Somer Plays Scriabin	Used				Classical	
Shankar, Ravi	Ragas & Talas	Used				World	
Wolff, Henry	Tibentan Bells	Used				World	
Cole, Nat King	The Christmas Song	Used				Holiday	Inherited from parents
Crosby, Bing	Merry Christmas	Used				Holiday	Inherited from parents

Browser Interface (Desktop View)

The app consists of a single page presented in a web browser. The purpose of the app is to provide a quick and simple method of browsing the owner's Google Sheet based record library so he can decide whether or not to buy a record at a store.

A) Filters
The filters at the top of the app allow a quick way to filter the table by Artist and/or Genre. The "Reset All" button will restore original app state.

B) Table Header w/ Sorting
The table header includes the ability to sort certain columns.

C) Artist Links
The names in the Artist column are links which will essentially reset the table and set the Artist filter drop-down to the artist

Application State

Records
The records state object will be an array of objects containing the fields from the spreadsheet outlined in the wireframe. In addition to those fields will be an **original_order** field that will retain the order as it was pulled from the spreadsheet and an **active** field which will determine whether or not to show the record on the screen

```
{
    original_order: int,
    active: boolean (default: true),
    (records from spreadsheet)
}
```

Filters
The filters state object will contain string values for each filter indicating which artist and/or genre are visible in the table.

```
{
    artist: string (default: '')
    genre: string (default: '')
}
```

Sorting
The sorting state object will contain string values for the different methods of sorting the table.

```
{
    artist: string (default: '')
    album: string (default: '')
}
```

Functionality Notes

Filter Selectors
The **Artist** and **Genre** selectors are compounding and do not affect sorting.

Reset All
The **Reset All** button resets all ***filters*** and ***sorting*** states to *false* and sorts ***records*** according to *original_order*.

Table Header Sorting
The **Artist** header sorts the table first by artist name (alpha ASC), then by album name (alpha ASC). The **Album** header sorts the table by album name (alpha ASC). These do not affect filters.

Artist Name Links
The links in the **Artist** column essentially reset all *filters* and *sorting* state and then sets the "Artist" filter to the artist link that was clicked.

Record Library Project

MY RECORD LIBRARY

Filter By:

Artist ▼

Genre ▼

Reset All

Easter Everywhere — ROCK
13th Floor Elevators, The
Used

Rubber Soul — ROCK
Beatles, The
Used
OG
Mono

Herb Alpert's Tijuana Brass — JAZZ
Whipped Cream & Other Delights
Used
OG
Water-logged cover

Mahavishnu Orchestra, The — JAZZ
Birds of Fire
Used
OG

Carlos, Wendy — CLASSICAL
Switched-On Bach
Used
OG
Notched album cover

Wagner, Richard — CLASSICAL
The Flying Dutchman
Highlights
Used
Rough cover

Shankar, Ravi — WORLD
Ragas & Talas
Used

Cole, Nat King — HOLIDAY
The Christmas Song
Used

Browser Interface (Mobile View)

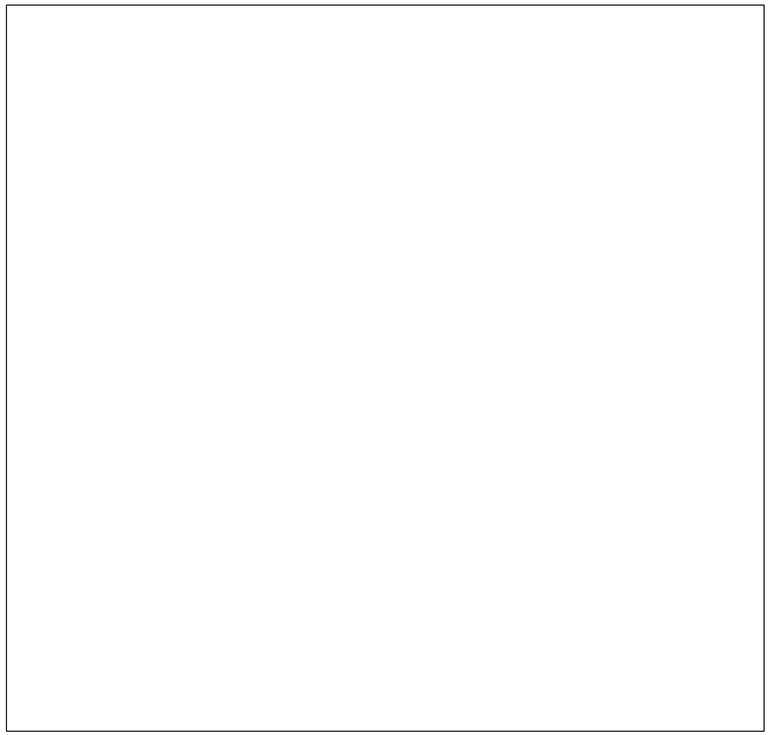
In mobile view, the table is broken-down into a column of blocks and only essential information is included.

A) Filtering and Sorting

The filtering is contained in an area at the top of the window. The ability to sort the table by artist and album are removed in mobile view.

B) Record Blocks

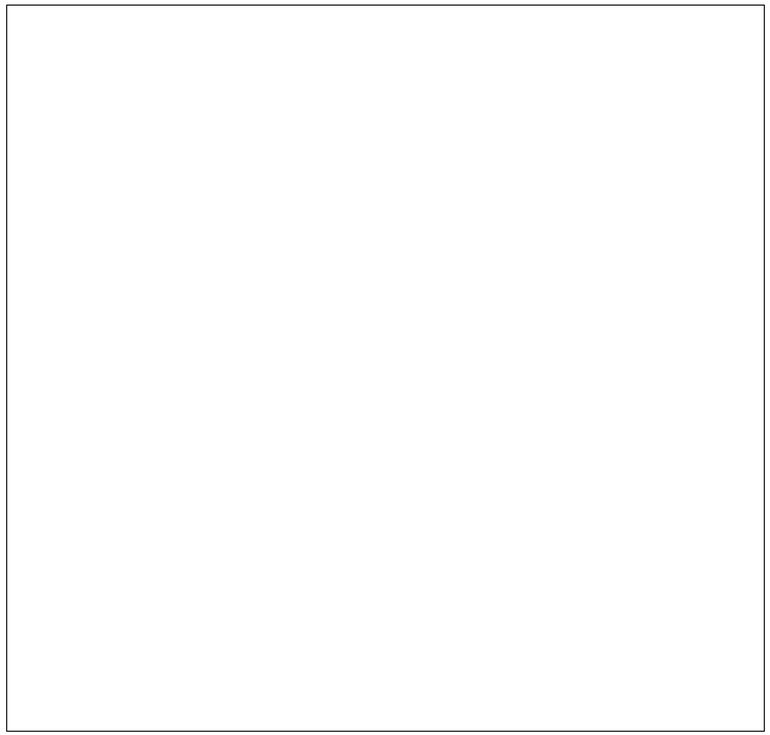
The rows of the table are converted into blocks to avoid having to scroll a table horizontally in the window. Only necessary information is included in the blocks due to space constraints. Any condition notes are highlighted in red so they are more obvious.



XXXXXXXXXXXX
XXXXXXXX

A) XXXXXX
XXXXXXXX

NOTE: XXXXXXXXXX



XXXXXXXXXXXX
XXXXXXXX

A) XXXXXX
XXXXXXXX

NOTE: XXXXXXXXXX

XXXXXXXXXXXX
XXXXXXXX

A) XXXXXX
XXXXXXXX

NOTE: XXXXXXXXXX

XXXXXXXXXXXX
XXXXXXXX

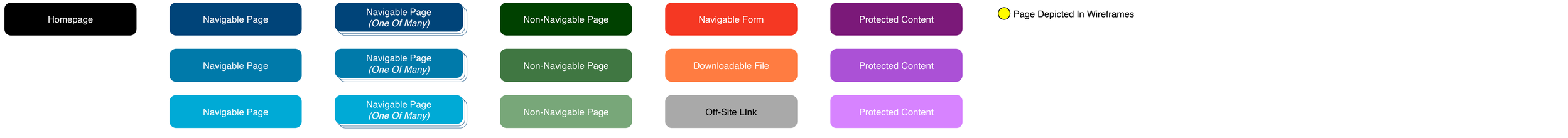
A) XXXXXX
XXXXXXXX

NOTE: XXXXXXXXXX

Record Library Project

TEMP: SITEMAP - FUNCTIONAL

Key



Record Library Project

TEMP: SITEMAP - NON-FUNCTIONAL

Key

Homepage

Page Depicted In Wireframes

Contact Us

Use the following form to contact us.

First Name

Last Name

Company

Title

Comments

SUBMIT

All fields required

Contact Us

Use the following form to contact us.

First Name	Last Name
Company	Title
Email Address	Phone Number
Address	City
State	Zip Code

Comments

SUBMIT All fields required

Xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx

A) xxx

Xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx xxx.