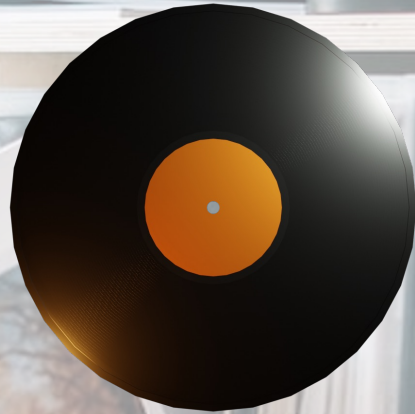


Record Shop Inventory App



Takako Onozuka

Meet my client



Name: Richard G

Age: 72

Location: Ayr, South Ayrshire

Occupation: Semi-retired / Runs a small record shop, Seaside Records. Sells records both in person and online.

Lives with: Partner and two dogs

What my client said:



I want something to organise my record stocks.

My eyesight is not in the best condition, so I'd like something simple and easy to understand.

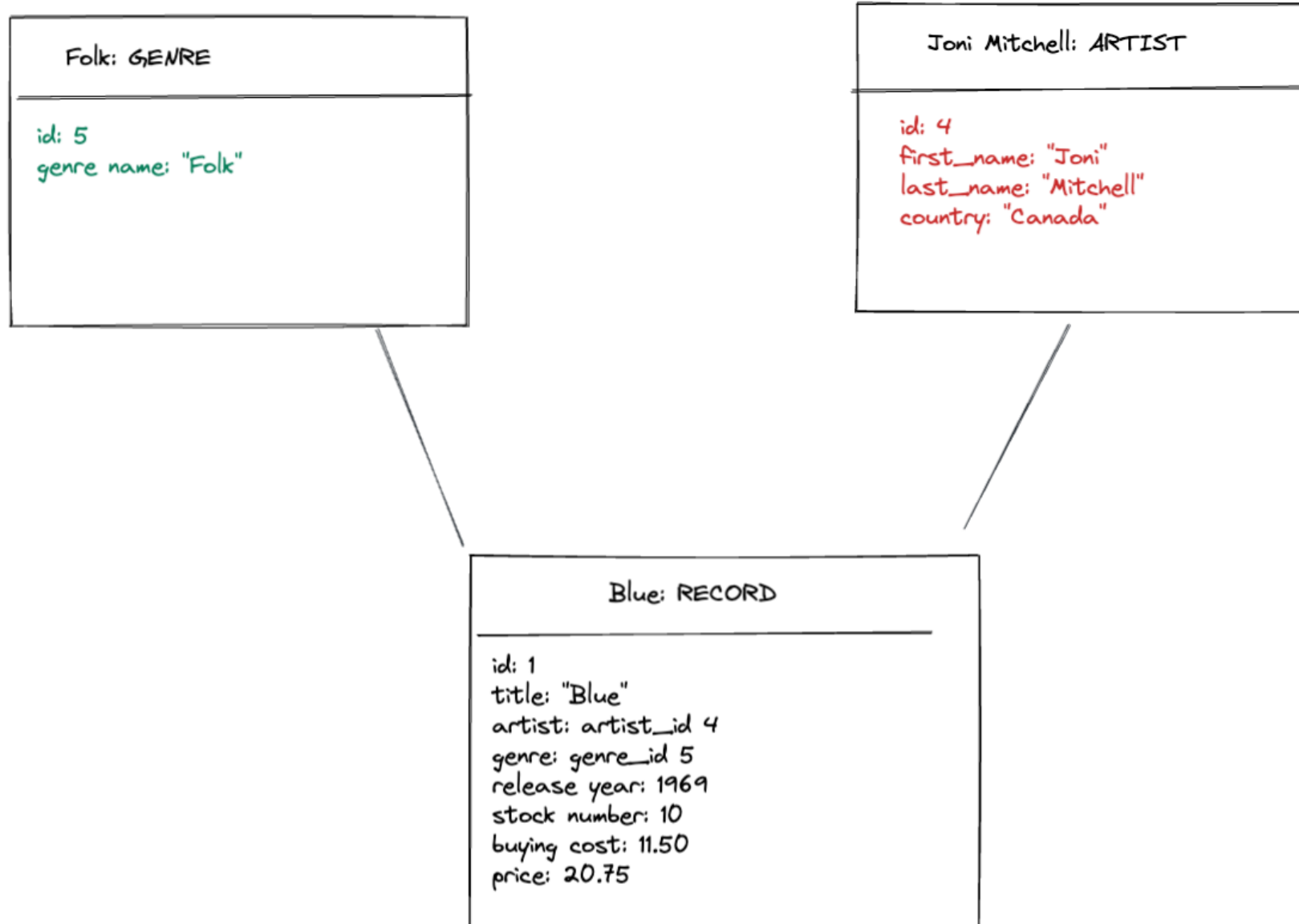
What Richard can do with Record Shop Inventory App



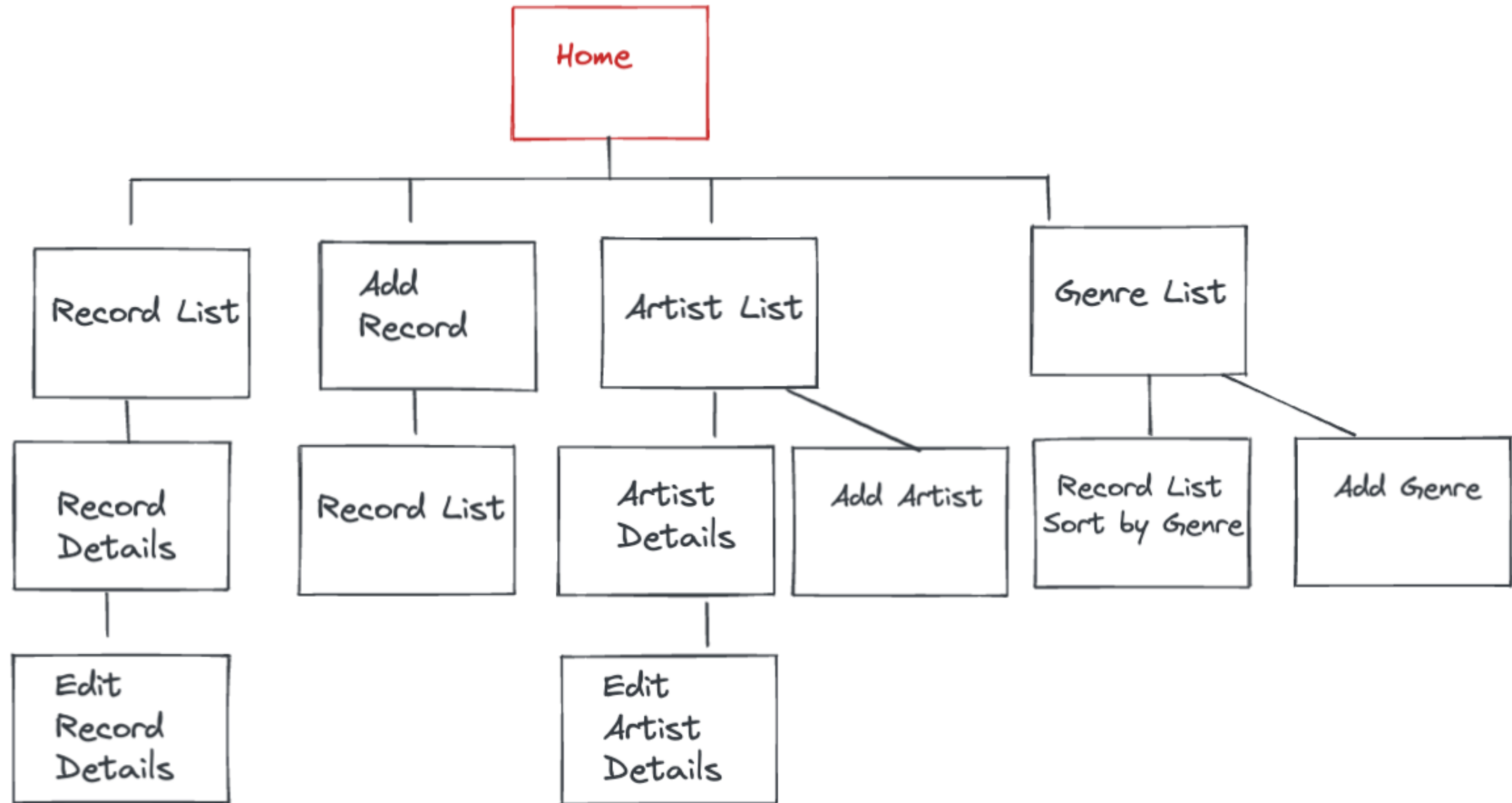
BASIC functions:

- View all the **records** in stock
- View all the **artists** in the database
- View all the **genres** in the database
- View all the **records** by a **genre**
- View all the **records** by an **artists**
- Add / edit a **records**
- Add / edit an **artists**
- Create a new **genre**
- View details of each **records** / **artists**, with edit option

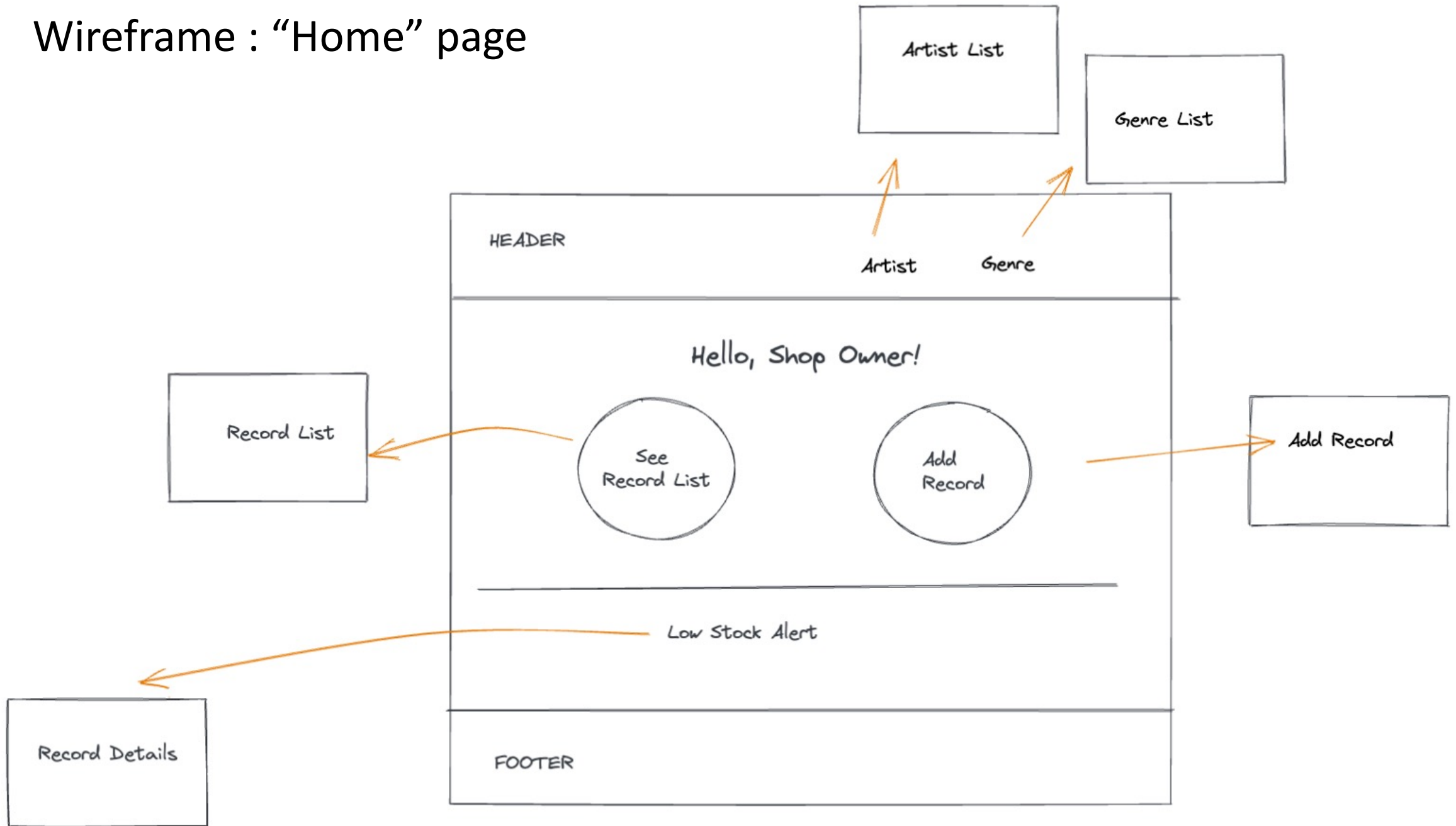
Object diagram



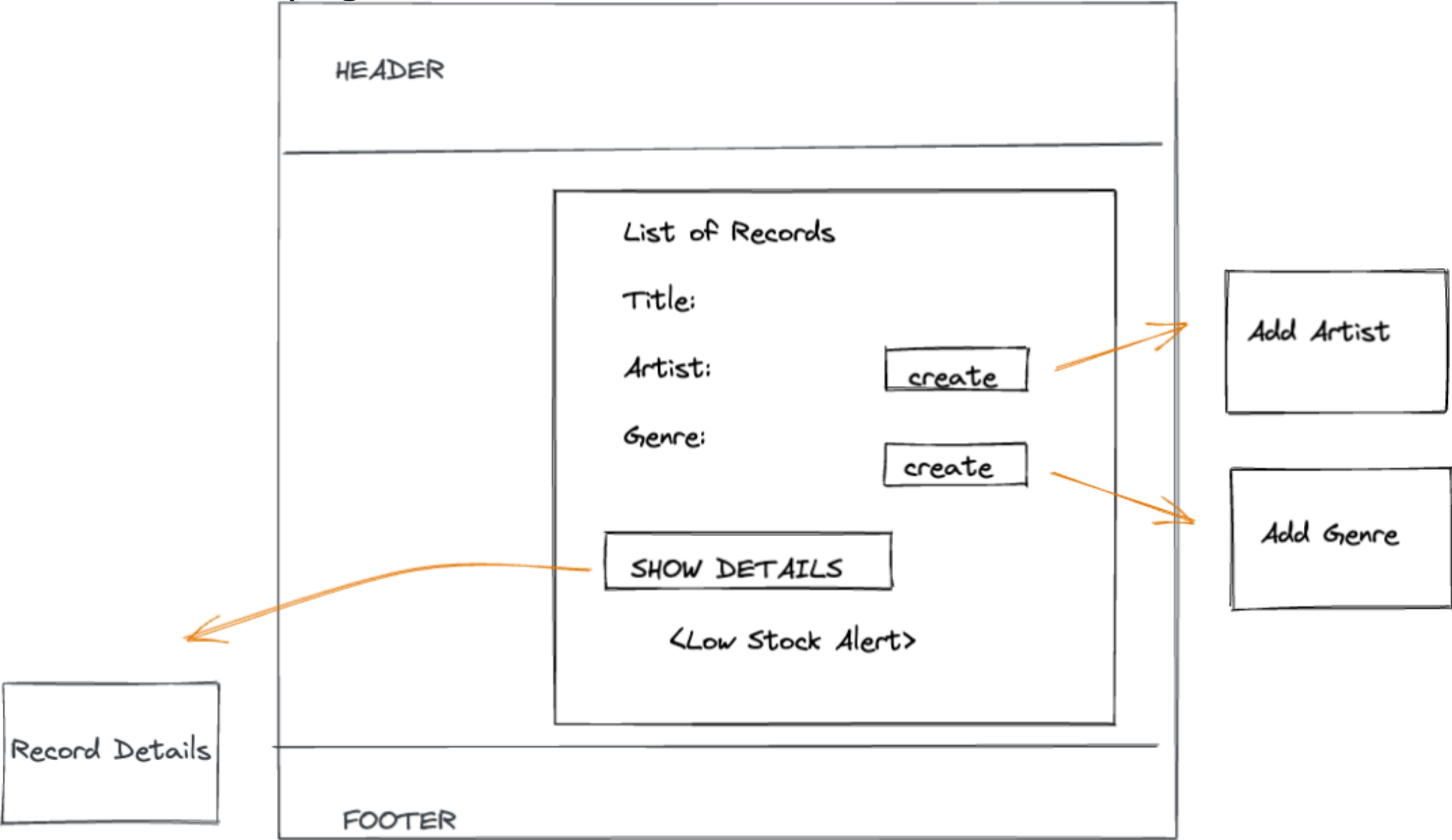
Sitemap Diagram for Record Shop Inventory App



Wireframe : "Home" page



Wireframe : “List” page



What Richard can do with Record Shop Inventory App

● PLUS funtions:

- Gets “**low stock**” notification when the stock is less than 3
- View a **markup** for each record
- View artists in **alphabetical order**
- Contact me if there is any issues



One of Richard's dogs,
Connie

The memorable codes for Record Shop Inventory App



```
def select_all():  
    artists = []  
  
    sql = "SELECT * FROM artists order by last_name"  
    results = run_sql(sql)  
  
    for row in results:  
        artist = Artist(row['first_name'], row['last_name'], row['country'], row['id'] )  
        artists.append(artist)  
    return artists
```

artist_repository.py

Click the name to see the artist details

🎵 [Apple, Fiona](#)

🎵 [Coltrane, John](#)

🎵 [Mitchell, Joni](#)

🎵 [Salvador, Henri](#)

🎵 [Williams, John](#)

🎵 [Zimmer, Hans](#)

👉 [Click Here To Add An Artist](#)

What I learnt from Record Shop Inventory App

(Apart from the obvious...)

- How to read error messages
- 30 minutes of planning could save the whole afternoon.
- Do not code when tired. Extra 30 mins of the previous night could cost me the whole morning.
- You can be oblivious to something obvious to other people's eyes. Ask help.

Next Step For Record Shop Inventory App

- Add “View Sales” page to see monthly / weekly sales and profit.
- Add “Image Upload” on “Add Record” page, so images of each record will appear on the record list

