

My Web Application

Albums Vault

Functional Document

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Application idea

My idea is to create a web application from one of my favourite's things in this world. I want to create a sort of a library to all the album that I like, that I know or that I want to listing in the future.

I will be already login with my account and a page of my albums that can be sorted by album name, artist name or by the rate will appear. I also want the possibility to add a new album to the library and if the album is the worst thing in the word delete it. Also, I will be able to add a new artist or new tracks for an album. I want to be able to navigate from album to artist and from track to album and the other way around.

Although the idea may be simple, I want to create something that I may use in the future and that I will enjoy creating it.

This idea came to my mind because I am super bad associating the names of the albums to artists or even to remember if I haver listen to a certain album the name. I think with this idea I can make my life a bit simpler and more dynamic. Also, I decide to go for a simpler look for the website because it fells to me cosier and elder look.

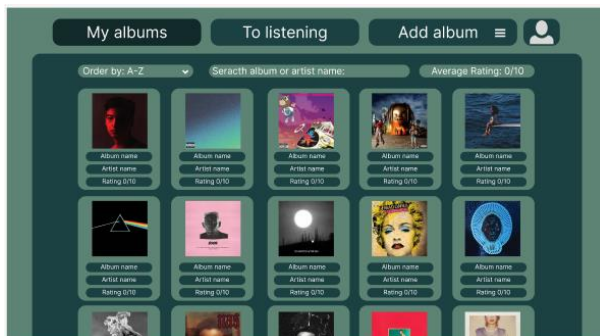
Wireframes

Here I will show the firsts wireframes for the website.

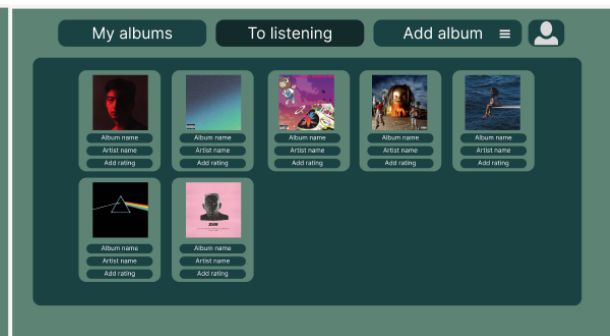
To start I made 4 frames (my albums frame, to listening frame, artist frame and album frame) and also 4 pop ups (add album, add artist, add track and a pop-up that makes the user chose if he wants to add an artist or an album).

When I was already doing the project, I was forced to create 2 more popups, one for editing the artist and one for editing the album.

Main pages

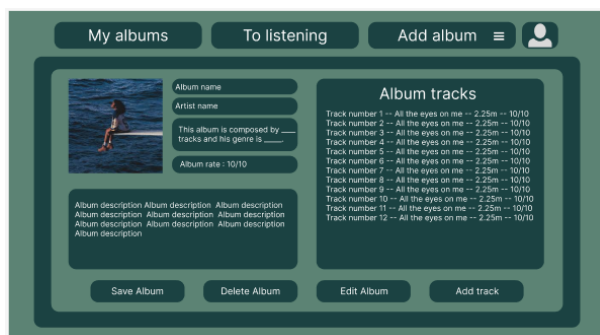


(frame 1)

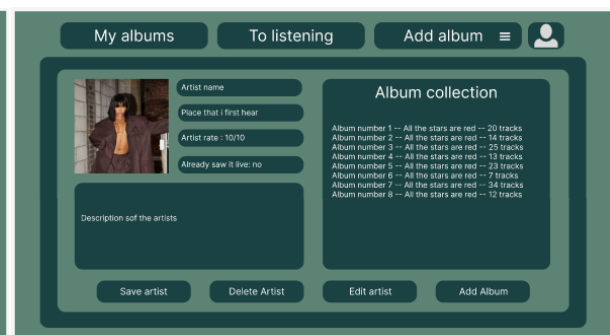


(frame 2)

My albums page (main page/frame1) here the user will be able to order the albums by rating, name, artist name, in this main frame the user can also get a total rating from all of his albums. To listening page (frame2) is where all new albums are inserted when the user add one, later on the user can give a review to the album and it will change to the My albums page.



(frame 3)

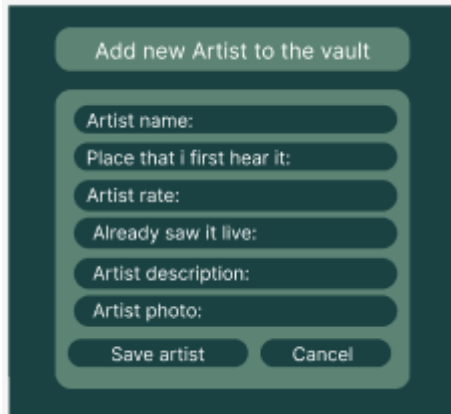


(frame 4)

Album's page (frame 3) the user will be able to see more information about the album that he chose, and here the user can edit the album or add a new track to the selected album. Artist page (frame 4) will appear when the user clicks on the artist's name when he clicks on the album of his chose, and here the user can edit the artist and add a new album to this specific artist.

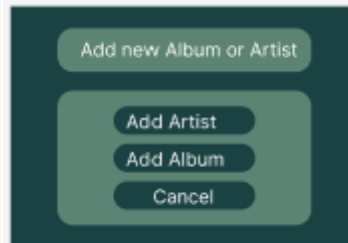
Also these 2 pages will always have the possibility to edit any type of information.

Pop Ups



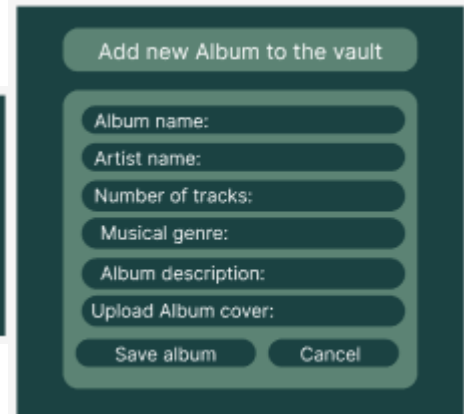
Form titled "Add new Artist to the vault". It contains the following fields: "Artist name:", "Place that i first hear it:", "Artist rate:", "Already saw It live:", "Artist description:", and "Artist photo:". At the bottom are two buttons: "Save artist" and "Cancel".

(popup 1)



Form titled "Add new Album or Artist". It contains two buttons: "Add Artist" and "Add Album". At the bottom is a "Cancel" button.

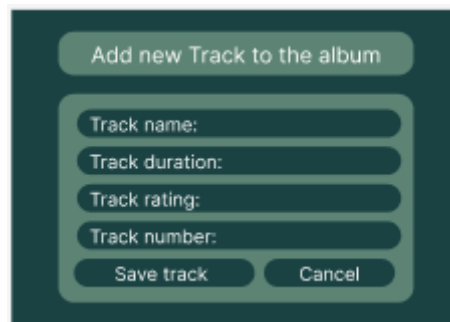
(popup 2)



Form titled "Add new Album to the vault". It contains the following fields: "Album name:", "Artist name:", "Number of tracks:", "Musical genre:", "Album description:", and "Upload Album cover:". At the bottom are two buttons: "Save album" and "Cancel".

(popup 3)

This is the small popup (popup2) will be in every page and when the user will click on the add button album and there, he can choose between those 2 options. In collusion the user will be able to add an album (popup 3) or an artist (popup 1) and when added the information will be added to the website.

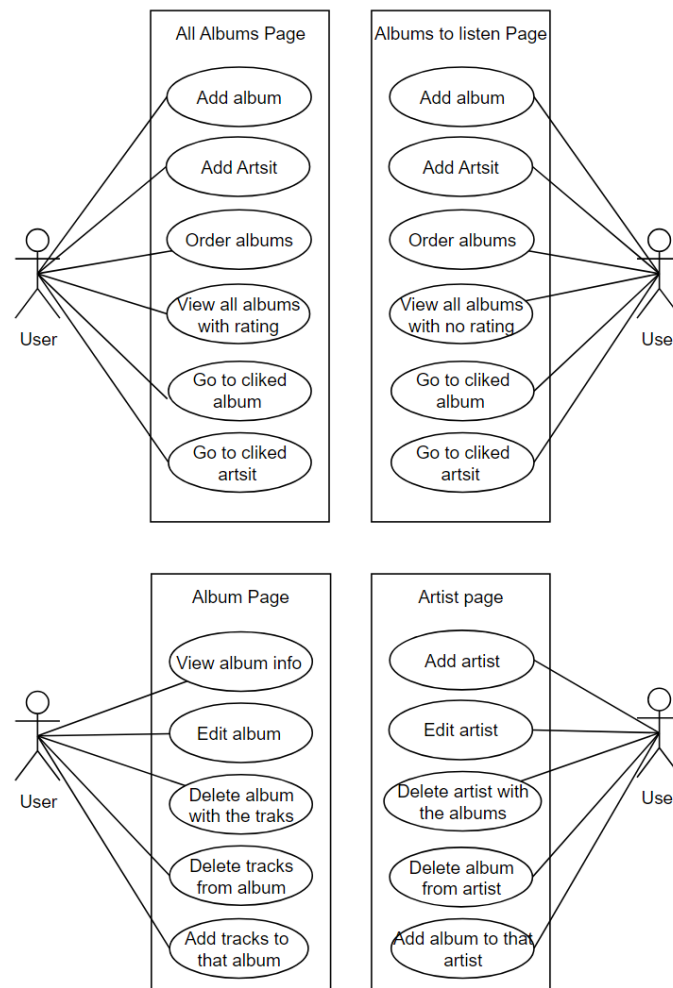


Form titled "Add new Track to the album". It contains the following fields: "Track name:", "Track duration:", "Track rating:", and "Track number:". At the bottom are two buttons: "Save track" and "Cancel".

(popup 4)

This is the popup from the albums page (frame 4) here the user will be able to add a track to the album that the user selected to see more information about.

Use case diagram



This is my class diagram for my web application. It shows what users can do on different pages, like adding albums or artists, viewing album info, editing, and deleting. The diagram helps to understand the main features and how users will interact with the site.

Justification of choices

For my website, I use a green colour palette because I was inspired by the colour of the jar where I store my vitamins. This choice makes the site visually appealing and soothing. I decided to create separate pages for albums that are already rated and those that are not, as this organization helps users keep track of their music more efficiently. I also chose to include the ability to add an artist or album on all pages. This way, if a user is viewing an artist and suddenly remembers an album they want to add, they can do so without navigating away from the current page.