



PERSONALIZED PLAYLIST GENERATOR

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IN OUR PRESENTATION



GOAL OF PROJECT



HTML/CSS



mySQL



PHP



JAVASCRIPT



DEMO



GOAL OF THE SITE

To give the user a personalized playlist that is generated based on their input. The songs will be pulled from the mySQL database and each have information about their genre and “energy level” attached.



MAIN FEATURES

b

THE USER SELECTION FORM

On this first page, the user selects their “energy level” and their genre of choice.

PLAYLIST GENERATOR

This page displays the user's personalized playlist.



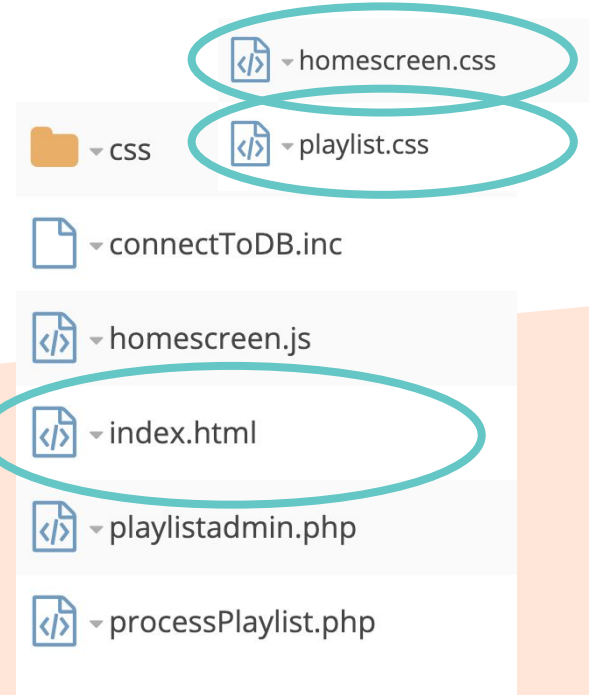
Each main page has its own CSS file for organization purposes.

The index.html file is the homepage of the site.

The PHP file also contains HTML elements.

Our favorite CSS elements:

- Play Button
- Radio Buttons
- The moving background gradient



HTML AND CSS

mySQL Database Diagram



usertable



songtable



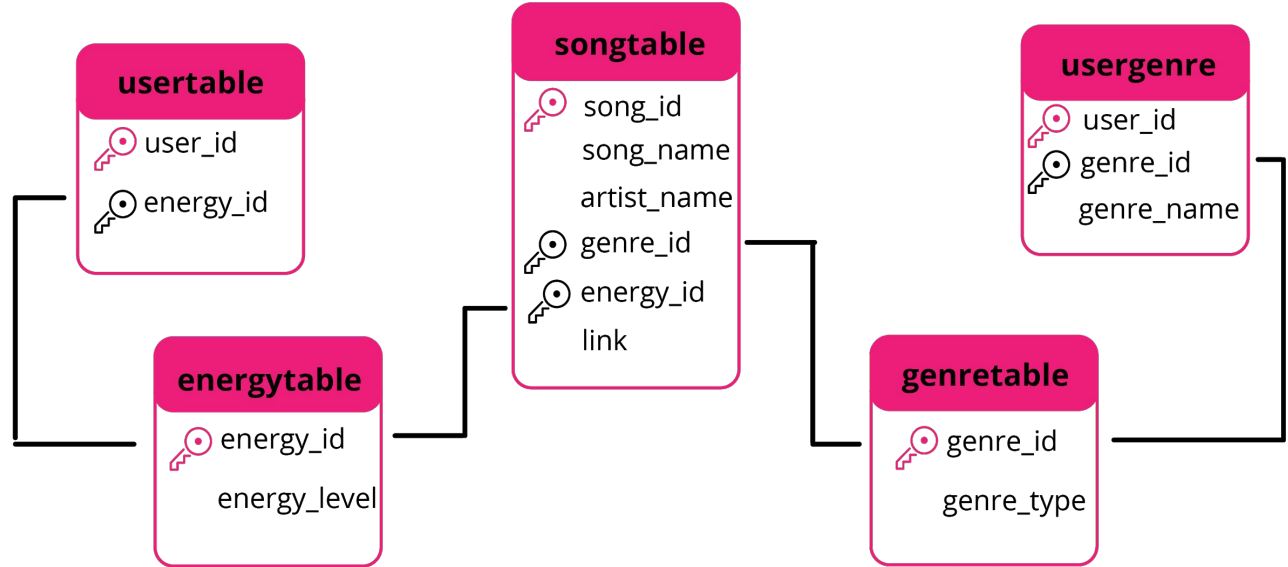
genretable



energytable



usergenre



processPlaylist.php

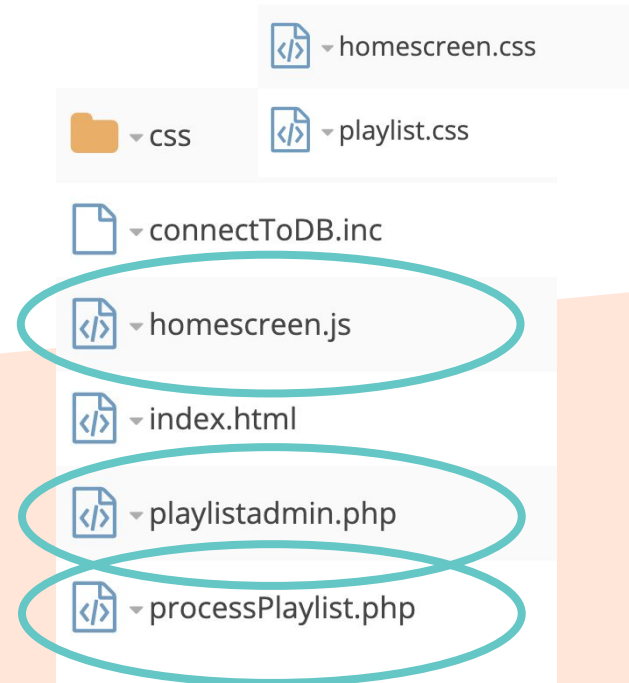
- Second page of the site
- Uses user input to compare with mySQL to create the unique playlist for the user

playlistadmin.php

- Administrative page
- Lists all the songs in the mySQL
- List number of users who have selected each genre

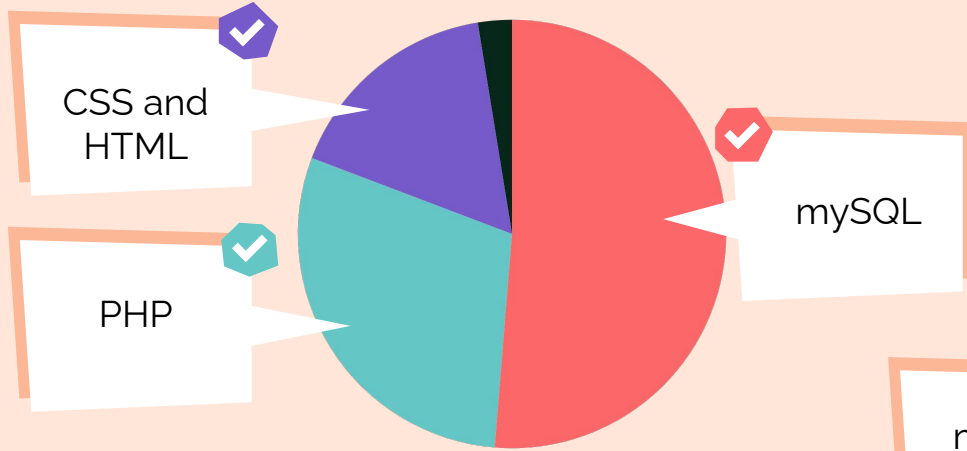
homescreen.js

- Range slider for user to select energy level of playlist



JavaScript and PHP

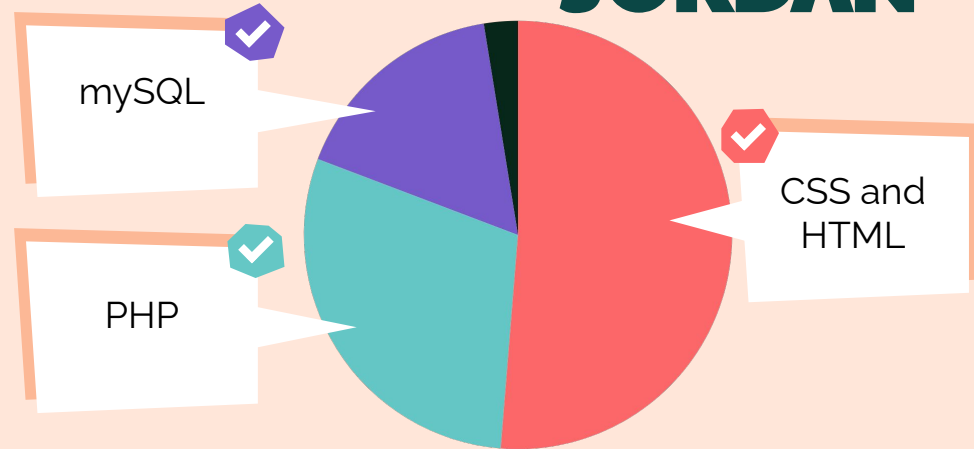
HOW WE DIVIDED THE WORK



ELE



A tiny bit of
JavaScript



JORDAN

DEMO OF SITE

PLAYLIST GENERATOR

Select your energy level and favorite genre of music to get your personalized playlist:

POP

HIP HOP/RAP

COUNTRY

R&B/SOUL

SINGER/SONGWRITER

ALTERNATIVE

GENERATE MY PLAYLIST

