DMIT2025 – PHP/MYSQL

MY CD COLLECTION - PHP/MYSQL PROJECT

PROJECT OVERVIEW *

This project will be a catalog of many of the music CD's (Compact Discs) I have collected over the years. All the CD's represent a diverse range of musical styles from jazz to rock. They also span many years from the 1950's until the present. Of course, CD's weren't manufactured in the 1950's, but the original vinyl albums have been available on CD, so we will use the CD's as a consistent format.

All the information for each CD will be entered in the database. We will use fields such as the name of the CD, the band or artist, the year of release, the record label, and a picture of the CD cover art. This will allow us to categorize CD's by many different factors: the musical style (genre), the years or decades they were released, the record labels, etc. We should also have a brief description of each of the CD's.

In order to make this a usable project, we will aim to do much more than have a simple database of items. The home page will describe the purpose of this project, show all the main navigation links including links to the categories, and incorporate some interesting features. A search feature will be necessary. Since will have all the cover art available, we will show some samples of this right on the home page.

One very interesting feature will be to represent certain CD's with a short sound clip. Of course, we won't have full-length songs available, or all of the tracks for each and every CD, just short samples for some of the albums.

All of this can be administered by a secured admin section protected by a username/password. Here, new CD's can be added, edited, or deleted.

SAMPLE ITEM *

Title: Something Like Human
Artist: Fuel
Release: 2000
Genre: Alternative Rock
Label: Epic Records

Description: The 2nd album from this post-grunge alternative band did very well, going double platinum in the U.S.

Sound Clip: slow.mp3

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DATA *

Below is a the cd_collection database table. (necessary: screenshot or typed-out columns and data-type)

#	Name	Type
1	artist	varchar(100)
2	title	varchar(100)
3	year	int(255)
4	genre	varchar(100)
5	artwork	varchar(100)
6	label	varchar(100)
7	description	longtext
8	soundclip	varchar(40)
9	cd_id 🔑	int(11)