

# DMIT2025 – PHP/MYSQL

**Sample Catalog Planning Document:** This is only a sample showing the basics of a planning document for the Catalog Project. Copying this text will result in a grade of 0 (plagiarism). It is just a demonstrator. If a student does not submit this document (and subsequently get the concept approved), then no further marks for this project will be awarded.

## 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 we 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
<input type="checkbox"/>	1	artist	varchar(100)
<input type="checkbox"/>	2	title	varchar(100)
<input type="checkbox"/>	3	year	int(255)
<input type="checkbox"/>	4	genre	varchar(100)
<input type="checkbox"/>	5	artwork	varchar(100)
<input type="checkbox"/>	6	label	varchar(100)
<input type="checkbox"/>	7	description	longtext
<input type="checkbox"/>	8	soundclip	varchar(40)
<input type="checkbox"/>	9	cd_id 	int(11)

Also, here is what we expect the admin section to look like. (not necessary)

Collection   

## Edit CD

Title:

Title:

Artist:

Genre:

Year of Recording:

Label:

Description: 

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

Cover Art Upload: 

Choose File

No file chosen

Sound Clip (mp3): 

Choose File

No file chosen

Submit

Delete



slow.mp3