

Annie Cheng (ac962)
CS 2300

Project 3 Milestone 1: Worldwide Wonders Photo Gallery

Configuration:

DB_HOST: localhost

DB_USER: info230_SP16_ac962sp16

DB_PASS: ac962sp16

DB_NAME: ac962cs2300

Albums Table:

Name	Type	Size	Allow Null	Primary Key
album_id	Int	50	False	True
album_title	Varchar	50	False	False
album_photo_file_path	Varchar	50	False	False
album_photo_credit	Varchar	250	False	False
album_date_created	Date	N/A	False	False
album_date_modified	Date	N/A	False	False

Photos Table:

Name	Type	Size	Allows Null	Primary Key
photo_id	Int	50	False	True
photo_name	Varchar	20	False	False
photo_caption	Varchar	50	False	False
photo_file_path	Varchar	50	False	False
photo_credit	Varchar	250	False	False

PhotoInAlbum Table:

Name	Type	Size	Allows Null	Primary Key
album_id	Int	50	False	False
photo_id	Int	50	False	False

Note: For this milestone, I simply displayed the album and its fields and then the photo gallery on the same page. This design will be changed in later milestones to display albums on a page with the functionality that clicking an album shows all the photos in that album. I also hardcoded my query (as suggested by a TA) to display images in the album with album_id = 1 simply to show the many-to-many relationship in my database. The query is as follows:

```
SELECT * FROM Photos
INNER JOIN PhotoInAlbum
ON Photos.photo_id = PhotoInAlbum.photo_id
INNER JOIN Albums
ON PhotoInAlbum.album_id = Albums.album_id
WHERE PhotoInAlbum.album_id = 1
```