Bipra Kundu
bk372

<u>Account Info</u>

Database name: info230_SP17_bk372sp17
Username: bk372sp17
Password: 49XPy1PY

<u>Workable Schema</u>

Albums

Name	Type	Size	Allow Null	Primary Key
title	varchar	75	False	False
description	varchar	1000	True	False
date_created	date		False	False
date_modified	date		True	False
album_id	int	10	False	True

Photos

Name	Type	Size	Allow Null	Primary Key
title	varchar	100	True	False
author	varchar	75	True	False
caption	varchar	1000	True	False
file_name	varchar	100	False	False
photo_id	int	10	False	True

PhotosInAlbum (This demonstrates many-to-many relationship)

Name	Type	Size	Allow Null	Primary Key
photo_id	int	10	False	True
album_id	int	10	False	True

The only major differences in the schema was the addition of the description column in the Albums table. Both primary keys in Albums and Photos (album_id and photo_id) are also set to auto increment.

The photo 'Central Park and the Upper West Side at Twilight' is in two albums, Central Park and Upper West Side. The photo 'Bow Bridge over the Lake' is on only one album, Central Park.

Note: When users upload a photo, if they do not want to specify an album they can just leave the checkboxes blank and the picture will just be put in the Photos table.