Bipra Kundu

bk372

Account Info

Database name: info230\_SP17\_bk372sp17

Username: bk372sp17

Password: 49XPy1PY

Workable Schema

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.