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INFO 2300

Project 3 Rationale

**Username**: admin, **Password**: password

**What I Changed Since Last Milestone**

* I dropped using frames and framesets. It definitely would not work well in implementation
* I made the keys in the Relationships table to be primary keys
* I incorporated the cascade effect of tables in the database
* I filled all albums with at least 8 photos
* I fixed the date\_modified to change when an update is made
* Users can now select the date taken through a date menu

**Style Choices**

I selected bright complementary colors from <https://color.adobe.com> to match the highly stylized font present throughout my website. The theme of this site is an engaging regal photo center and every choice is made to reflect that. At the top of every page is a navigation bar which changes in size depending on whether the admin is logged in or not. This is to compensate for the additional features available to the admin such as add photos and albums.

**Implementation**

The **Albums page displays each album as link to the AlbumView page. Here a public user and the admin will see every photo in that album through a dynamically generated SQL statement. However, the admin can view links to the UpdateAlbums page and UpdatePhotos page as well as see a delete photo button. In the UpdateAlbums page, the name of that album is displayed along with the options to either update or delete the album. The link at the botton also reflects the current album name. In the UpdatePhotos page, a similar implementation is utilized. Lastly, these pages can only be viewed by the admin.**

**The Search page functions the same if the admin is logged in or not. Here the user can choose any combination of the four options and see the results. The results, if there are any, contain the photo name, album name with link to that album, the image itself, and the caption. This was done using a dynamically generated SQL statement, adding additional Boolean clause for each entry the user inputted.**

The **Log In page** allows the admin to access the secret content of the site. When this occurs, a greeting is displayed and the Log In link changes to a link to the **Log Out page**, which links to the **Index page**.

I created a **Sign Up page**, but did not implement it as it was not required. This feature would be added at a later time. My only javascript of my website is here.

WOW Points – I “display images not in any album” through my uncategorized section of my site

Relational Schema

Albums

Name Type Size Allow Null Primary Key

aId int false true

AlbumName string 32 false false

AlbumDescription string 255 false false

date\_created string 32 false false

date\_modified string 32 true false

Photos

Name Type Size Allow Null Primary Key

pId int false true

PhotoName string 32 false false

caption string 255 false false

image\_url string 255 false false

date\_taken string 255 false false

Relationships

Name Type Size Allow Null Primary Key

pID int false true

aID int false true