

Amplify Project

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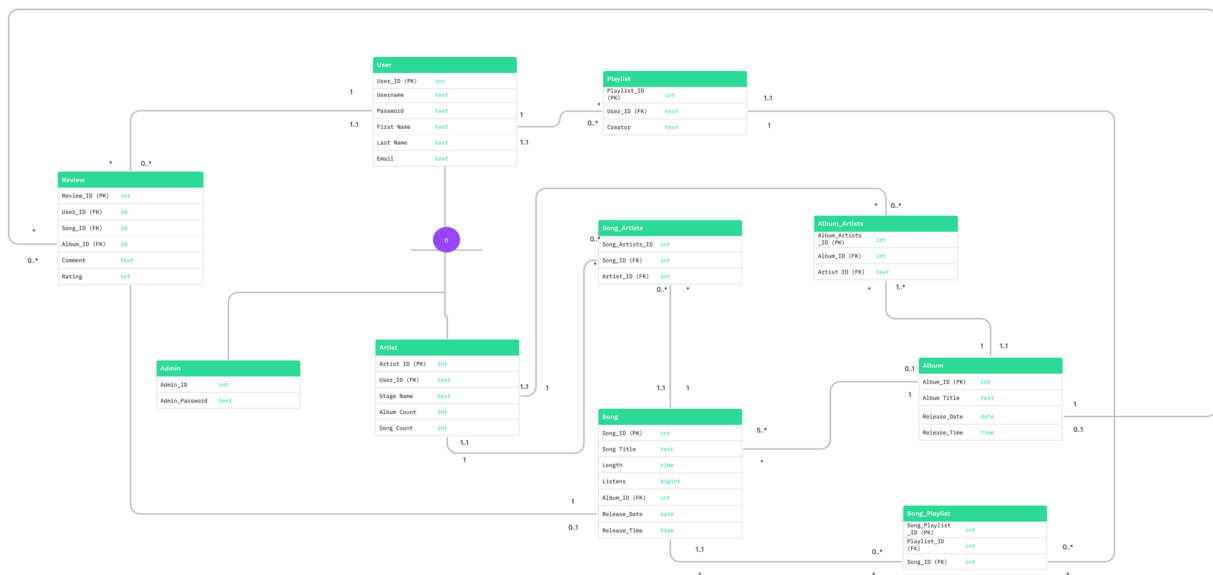
Project Design Changes

During this project we made a couple of changes to our design. Here are those changes:

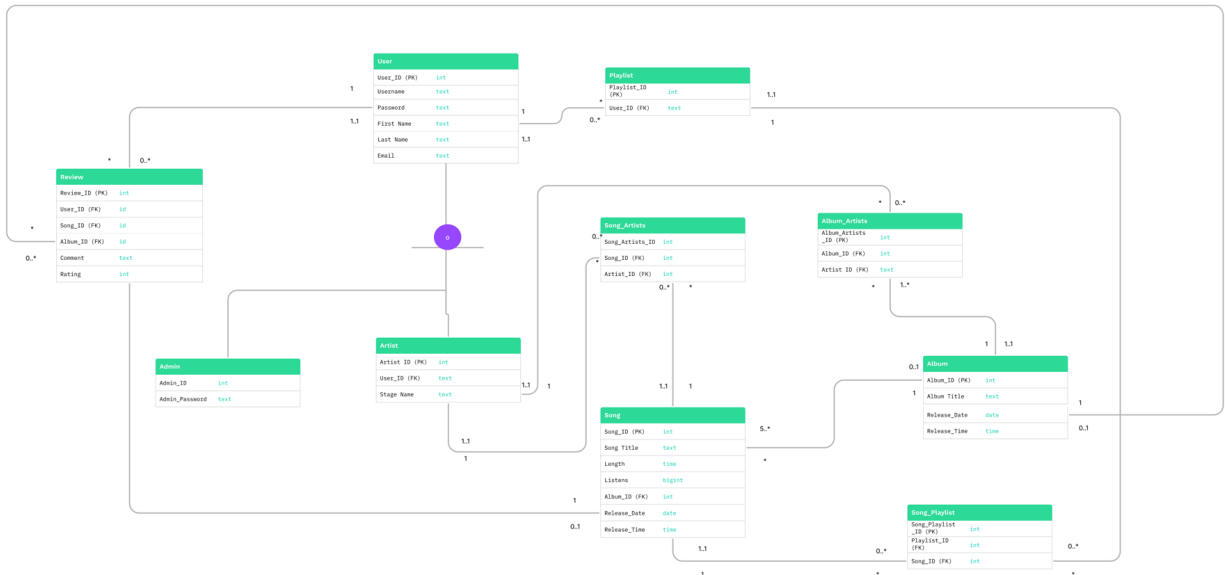
- We removed the song count from the artist in our ERD.
 - We did this because we decided to make it a query instead of an attribute.
- We also removed album_count from the ERD for the same reason.
- The two previous changes were meant to be changed before turning in the original erd but we somehow forgot and this is why the normalization tables do not have these attributes.
- Changed the creator attribute to a foreign key linking the user and playlist tables and called it user_id
- Changed attribute type from text to var_cahr for many attributes
 - This was done to make formatting easier in myphpadmin

Project Design Before and After

Before



After



Project Files

When developing this project we divided our task up by pages here are those responsibilities:

- Wayland Moody:
 - artistPage.css
 - artistPageAdmin.css
 - artistPage.js
 - artistPageAdmin.js
 - artistPage.php
 - artistPageAdmin.php
 - artistPageController.php
 - artistPageAdminController.php
- Tathluach Chol
 - indAlbum.php
 - indAlbumAdmin.php
 - indPlaylist.php
 - indSong.php
 - indSongAdmin.php
 - indAlbumAdminController.php
 - indAlbumController.php
 - indPlaylistController.php
 - indSongAdminController.php

- indSongController.php
- Rohan Dhawan
 - homePage.php
 - homePageController.php
 - homePageAdmin.php
 - playlistcreation.php
 - playlistcreationadmin.php
 - homePage.css4
 - homePage.js
- Irving Salinas
 - su.php(signup)
 - signupPage.css
 - loginPage.php
 - loginPage.css
 - adminPage.php
 - Small part of homePageController.php
 - Parts of indAlbumController.php/indAlbumAdmin.php

Functionalities

We didn't go by the Functionality sets when developing the project but broke them up by pages. We clarified this with the professor and came to the conclusion that as long as we could show the 4 queries for two user types (admin and another we were fine). To make these easier to identify we have listed the lines and files were these were implemented for each person

- Wayland Moody:
 - artistPageController.php
 - INSERT
 - Lines: 305, 313, 321, 353, 360, 378,
 - SELECT
 - Lines: 51, 75, 106, 140, 172, 204, 234, 243
 - UPDATE
 - Lines: 368, 416, 438,
 - DELETE
 - Lines: 459, 481, 497,
 - artistPageAdminController.php
 - INSERT
 - Lines: 256, 265, 297, 306,
 - SELECT
 - Lines: 51, 76, 103, 128, 154, 186, 195

- UPDATE
 - Lines: 316, 360
 - DELETE
 - Lines: 381, 397,

- Irving Salinas:
 - su.php(signupPage)/homePageController.php
 - INSERT INTO users (username, password, first_name, last_name, email) VALUES (?, ?, ?, ?, ?)
(inserts new user in database when they sign up)
 - loginPage.php/loginPageController.php
 - SELECT * FROM users WHERE username = '\$username' AND password = '\$password';
(matches username and password to make sure its a legit user when signing in)
 - UPDATE users SET user_id =1 WHERE username='\$username'
(updates user table - last user that signs in is at the top of the table)
 - DELETE FROM users WHERE username = '\$username' AND login_attempts>=5
(deletes user from table when they fail too many login attempts)
 - adminPage.php
 - INSERT INTO admins (admin_id, admin_password, user_id) VALUES (?, ?, ?)
(inserts new admin in database through the admin page)
 - SELECT * FROM admins WHERE admin_id = '\$admin AND admin_password = '\$admin_password';
(matches admin_id and admin_password to make sure its a legit admin when signing in)
 - UPDATE admins SET admin_id =1 WHERE admin_id='\$admin_id
(updates admins table- last admin to sign in goes to the top of the table)
 - DELETE FROM admins WHERE admin_id = '\$admin_id' AND login_attempts>=5
(deleted admin from admins table when they fail too many login attempts)

- Rohan Dhawan:
 - homePageController.php - user

- INSERT
 - Lines: 135
 - SELECT
 - Lines: 296
 - UPDATE
 - Lines: 234
 - DELETE
 - Lines 149
- homePageController.php - admin
 - INSERT
 - Lines: 200
 - SELECT
 - Lines: 349
 - UPDATE
 - Lines: 216
 - DELETE
 - Lines 171

Tathluach Chol

- indAlbumAdminController.php
- INSERT
 - Lines: 267 280
- SELECT
 - Lines: 46 88 133 172 198
- UPDATE
 - Lines:
- DELETE
 - Lines 232
- indAlbumController.php
- INSERT
 - Lines: 186
- SELECT
 - Lines: 46, 88, 131
- UPDATE
 - Lines:
- DELETE
 - Lines 171
- indPlaylistController.php
- INSERT
 - Lines:
- SELECT
 - Lines: 46, 77, 113
- UPDATE

- Lines: 141
- DELETE
 - Lines 125
- indSongAdminController.php
- INSERT
 - Lines: 178, 199
- SELECT
 - Lines: 45, 72, 99, 129
- UPDATE
 - Lines: 233
- DELETE
 - Lines 217,
- indSongController.php
- INSERT
 - Lines: 148, 168
- SELECT
 - Lines: 46, 76, 103
- UPDATE
 - Lines:
- DELETE
 - Lines: