Associate Capstone

Code and File Structure Write Up

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File Structure

- model
  - dbconnections.php
  - dbpointer.php
  - prod_dbconfig.ini
- scripts
  - home.js
  - clash.js
  - guess.js
  - matching.js
- images
- style.css
- index.php
- clash.php
- guess.php
- matching.php
- account.php

File Breakdown

model/

Backend Directory for storing php code files with database connection functions.

dbconnections.php

This is the main backend file for connecting the website to the MySQL Database. It will contain all functions related to adding, deleting, updating, and selecting rows from each of the databases.
Contains the following functions:
Login(username, password)
Returns the id of the user from the Accounts Table if found.

Register(username, password)
Returns success if successfully added to the Accounts Table, returns the error if failed.

AddMusicClashHistory(account_id, songs_list, round_winners_list, round_losers_list)
Returns success if successfully added and returns the error if failed.

AddAlbumMatchingHistory(account_id, albums_list, album_guess_correct, song_list, guess_correct_list, score)
Returns success if successfully added and returns the error if failed.

AddGuessTheLyricHistory(account_id, song, line, dropped_word_index, guess, score)
Returns success if successfully added and returns the error if failed.

SearchUserPlayedMusicClashGames(account_id)
Returns all rows that contain the account_id in the MusicClashHistory Table

SearchUserPlayedAlbumMatching(account_id)
Returns all rows that contain the account_id in the AlbumMatchingHistory Table

SearchUserPlayedGuessTheLyric(account_id)
Returns all rows that contain the account_id in the GuessTheLyricHistory Table

GetUserScoreAlbumMatching(account_id)
Returns the users total score across all Album Matching Games played.

GetUserScoreGuessTheLyric(account_id)
Returns the users total score across all Guess The Lyric Games played.

dbpointer.php

Contains boilerplate PHP code that points to the database.

prod_dbconfig.ini

Holds connection credentials to the MySQL database.

scripts/

Front end Directory for storing javascript code files that control the main web page interactivity.

home.js

This is the main code file for the javascript interactivity of the index page.

clash.js

This is the main code file for the javascript interactivity of the Music Clash game.

guess.js

This is the main code file for the javascript interactivity of the guess the lyric game.

matching.js

This is the main code file for the javascript interactivity of the Album Matching game.

images/

Directory for storing all image files used on the site.

style.css

Stores all site css.

index.php

Contains PHP, and HTML for the home page of the site may contain a minor amount of javascript as well.

clash.php

Contains PHP, and HTML for the Music Clash game page of the site may contain a minor amount of javascript as well.

guess.php

Contains PHP, and HTML for the Guess the Lyric game page of the site may contain a minor amount of javascript as well.

matching.php

Contains PHP, and HTML for the Album Matching game page of the site may contain a minor amount of javascript as well.

account.php

Contains PHP, and HTML for the Account and Login page of the site may contain a minor amount of javascript as well.