Fishline Capstone

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Folder Structure

- Project2022
  - Backend
    - adminDashboard.php – displays all users in the 'users' table with the ability to delete each one independently
    - adminLogin.php – if username and password match the adminDB table, redirect to adminDashboard.php
  - Images
    - Stores images
  - Include
    - isPostRequest() function – returns information
    - isGetRequest() function – get information
    - isUserLoggedIn() function – checks to see if SESSION is active – returns yes or no
  - models
    - adminUsers.php
      - 'users' class
        - __construct($configFile) – Connects to the database
        - getAllUser() – Checks to see if array is empty
        - addUser($user, $password) – Inserts username and password for 'adminusers' table
        - deleteUser($id) – Deletes one record from the table
        - getDatabaseRef() – Checks for errors
        - validateCredentials($username, $password) – Checks to see if username and password match to validate credentials
        - __destruct() – returns null
    - CreateTable.sql
      - Code for the creation of each database table(users, addfish and adminusers)
    - Dbconfig.ini
      - Path to connect to database

- models_fish.php
  - AddFish Class
    - __construct
    - Getspecies – gets the species
    - Getfish($id) – gets the fish id
    - addFish($species, $fishlength, $fishweight, $locations, $released, $notes, $images) – adds a new fish
    - updatefish($id, $species, $fishlength, $fishweight, $locations, $released, $notes, $images) – updates existing fish
    - deletefish($id) -deletes single fish from table
  - profile Class
    - __construct
    - Getprofiles – gets all profiles
    - getprofile($id) gets one single profile
    - addprofiles($new_name, $names, $state, $bio) – creates new profile
    - updateprofiles($id, $new_name, $names, $state, $bio) – updates existing profile
- search.php
  - FishSearch Class Extends AddFish
    - Searchfish($species, $fishweight, $locations) - searches fish from addfish table

- home.php
  - Navigation bar with links to Home, Sign Up and Login
  - Displays catch statistics
  - Display recently caught fish from user catch table
  - Displays graphs based on data from 'addfish' table

- trout.php
  - Navigation bar with links to Home, Sign Up and Login
  - Information on where fish can be found and a link to more info
  - What the fish looks like
  - Facts about the fish
  - Display recently caught Trout from user 'addFish' table ORDERED BY newest date

- bass.php
  - Navigation bar with links to Home, Sign Up and Login

- o Information on where fish can be found, what it looks like and facts about the fish
  - o Display recently caught Bass from the user 'addfish' table

- registration.php
  - o Navigation bar with links to Home and Login
  - o Create account form
  - o User enters txtUsername, txtEmail and txtPassword
  - o btnSignUp_Click adds new account record to 'users' table and redirects to login table

- login.php
  - o Navigation bar with links to Home
  - o Login form
  - o User enters txtUsername and txtPassword
  - o btnLogin_Click redirects to myProfile page if inputs match database
  - o btnCreateAccount_Click redirects to New Account Page
  - o Link to registration.php page

- adminLogin.php
  - o Navigation bar with links to Home
  - o Login form
  - o User enters txtUsername and txtPassword
  - o btnLogin_Click redirects to adminDashboard.php page if inputs match database

- adminDashboard.php
  - o Navigation bar with links to Home
  - o Displays all users in the 'users' table
  - o btnDelete_Click will delete single record from the database table

- myProfile.php
  - o Navigation bar with links to Home, Add Fish, Recent and Logout
  - o Display Username from 'users' table
  - o Display ProfilePicture from 'users table
  - o Display 'bio' from 'users' table
  - o Display users catches from 'addfish' table
  - o Edit profile redirects to profile_uploads.php Page
  - o Edit picture redirects to upload.php page
  - o Add fish button redirects to addfish.php

- Button to delete single record from 'addfish' table

- profile_uploads.php
  - Form for Name, State, Bio and Profile Picture
  - Update button updates the 'users' table
  - Cancel Button

- Upload.php
  - Upload a picture
  - Submit to update profile picture in 'users' table

- recentlycaught.php
  - Navigation bar with links to Home and Profile
  - User can select if they want to search by species or weight
  - User can use search bar to narrow search results in either species or weight
  - Dispay recently posted records from the 'addfish' table ORDERED BY newest

- addfish.php
  - Navigation bar with links to Home, My Profile and recently caught page
  - Add Fish form
  - txtFishSpecies, txtLength, txtWeight, txtLocation, radio_Released(**select(yes/no)**), txtNotes, upload picture box.
  - btnAddFish_Click inserts a new record into the 'addfish' table

- logout.php
  - Navigation bar with links to Home
  - Asks user if they want to log out
  - Link to logout and clears session variables and redirects to the login.php
  - btnCancel_Click redirects to the last page