<?php

session\_start();

error\_reporting(0);

include('includes/dbconnection.php');

use PHPMailer\PHPMailer\PHPMailer;

use PHPMailer\PHPMailer\SMTP;

use PHPMailer\PHPMailer\Exception;

require 'path\_to\_PHPMailer/Exception.php';

require 'path\_to\_PHPMailer/PHPMailer.php';

require 'path\_to\_PHPMailer/SMTP.php';

// Function to validate a South African ID number

function validateSAIDNumber($idnum) {

    if (!is\_numeric($idnum) || strlen($idnum) !== 13) {

        return false;

    }

    $year = substr($idnum, 0, 2);

    $month = substr($idnum, 2, 2);

    $day = substr($idnum, 4, 2);

    if (!checkdate($month, $day, $year)) {

        return false;

    }

    $sum = 0;

    for ($i = 0; $i < 13; $i++) {

        $digit = (int)$idnum[$i];

        if ($i % 2 === 0) {

            $sum += $digit;

        } else {

            $sum += $digit \* 2;

            if ($digit > 4) {

                $sum -= 9;

            }

        }

    }

    return $sum % 10 === 0;

}

if (isset($\_POST['submit'])) {

    $fname = $\_POST['fname'];

    $lname = $\_POST['lname'];

    $email = $\_POST['email'];

    $add = $\_POST['address'];

    $password = $\_POST['password'];

    $idnum = $\_POST['idnum'];

    // Validate South African ID number

    if (!validateSAIDNumber($idnum)) {

        echo "<script>alert('Invalid South African ID number. Please enter a valid ID number.');</script>";

    } elseif (strlen($password) < 8 || !preg\_match("/[A-Z]/", $password) || !preg\_match("/[a-z]/", $password) || !preg\_match("/[0-9]/", $password) || !preg\_match("/[!@#\$%^&\*()\_+]/", $password)) {

        echo "<script>alert('Password must be at least 8 characters long and contain at least one uppercase letter, one lowercase letter, one number, and one special character.');</script>";

    } else {

        $ret = "SELECT IdNum FROM tbluser WHERE IdNum = :idnum";

        $query = $dbh->prepare($ret);

        $query->bindParam(':idnum', $idnum, PDO::PARAM\_INT);

        if ($query->execute() && $query->rowCount() == 0) {

            $sql = "INSERT INTO tbluser (FirstName, LastName, Address, email, Password, IdNum) VALUES (:fname, :lname, :add, :email, :password, :idnum)";

            $query = $dbh->prepare($sql);

            $query->bindParam(':fname', $fname, PDO::PARAM\_STR);

            $query->bindParam(':lname', $lname, PDO::PARAM\_STR);

            $query->bindParam(':add', $add, PDO::PARAM\_STR);

            $query->bindParam(':email', $email, PDO::PARAM\_STR);

            $query->bindParam(':password', $password, PDO::PARAM\_STR);

            $query->bindParam(':idnum', $idnum, PDO::PARAM\_INT);

            if ($query->execute()) {

                echo "<script>alert('You have signed up successfully');</script>";

                // Send a welcome email to the user

                $mail = new PHPMailer();

                $mail->isSMTP();

                $mail->Host = 'smtp.gmail.com'; // Replace with your SMTP server

                $mail->SMTPAuth = true;

                $mail->Username = 'kgaugelomthethwa99@gmail.com'; // Replace with your SMTP username

                $mail->Password = 'xdgcjixlavjildng'; // Replace with your SMTP password

                $mail->SMTPSecure = 'ssl';

                $mail->Port = 587;

                $mail->setFrom('kgaugelomthethwa99@gmail.com', "People's Affairs");

                $mail->addAddress($email);

                 $mail->isHTML(true);

                $mail->Subject = 'Welcome to Our Website';

                $mail->Body = 'Thank you for registering on our website.';

                if ($mail->send()) {

                    echo "<script>alert('A welcome email has been sent to your registered email address.');</script>";

                } else {

                    echo "<script>alert('Error sending the welcome email.');</script>";

                }

            } else {

                echo "<script>alert('Something went wrong. Please try again');</script>";

            }

        } else {

            echo "<script>alert('This ID Number already exists. Please try again');</script>";

        }

    }

}

?>

<!doctype html>

<html class="no-js" lang="en">

<!-- The rest of your HTML code goes here -->