<!DOCTYPE html>

<title>Registrasion form</title>

<body><h2>Registartion form</h2>

<form id="RegistrationForm" method="POST" action="process\_registration.php">

    <label for="id">ID</label>

    <input type="text" id="id" name="id" required>

    <span class="error" id="idError"></span><br><br>

    <label for="fname">First Name</label>

    <input type="text" id="fname" name="fname" required>

    <span class="error" id="fnameError"></span><br><br>

    <label for="lname">Last Name</label>

    <input type="text" id="lname" name="lname" required>

    <span class="error" id="lnameError"></span><br><br>

    <label for="email">Email</label>

    <input type="email" id="email" name="email" required>

    <span class="error" id="emailError"></span><br><br>

    <label for="password">Password</label>

    <input type="password" id="password" name="password" required>

    <span class="error" id="passwordError"></span><br><br>

    <label for="conform\_password">Password</label>

    <input type="password" id="conform\_password" name="conform\_password" required>

    <span class="error" id="conform\_passwordError"></span><br><br>

    <button type="submit">Register</button>

</form>

<script src="validate.js"></script>

</body>

</html>

document.getElementById(registration\_form).addEventListener("submit", function(e){

    let valid = true;

    const id = document.getElementById("id").value.trim();

    const fname = document.getElementById("fname").value.trim();

    const lname = document.getElementById("lname").value.trim();

    const email = document.getElementById("email").value.trim();

    const password = document.getElementById("password").value;

    const conform\_password = document.getElementById("conform\_password").value;

    //cler previous eerors

    document.querySelectorAll(".error").forEach(el => el.textContent = "");

    //validate id

    if (!id){

        document.getElementById("iderror").textContent = " ID is required";

        valid = false;

    }

    if (!fname){

        document.getElementById("fnameerror").textContent ="fname is required";

        valid= false;

    }

    if(!lname){

        document.getElementById("lnameerror").textContent = "lname is required";

        valid= false;

    }

    if(!email){

        document.getElementById("emailerror").textContent = "email is required";

        valid= false;

    }

    if(!password){

        document.getElementById("passworderroe").textContent = "password is required";

        valid= false;

    }

    if(password !== conform\_password){

        document.getElementById("conform\_passworderror").textContent = "passwords do no match";

        valid= false;

    }

    if(!email){

        document.getElementById("emailerror").textContent = "invalid email format";

        valid= false;

    }

    if(!valid){

        e.preventDefault();

    }

})

<?php

//database connection

$severname = "localhost";

$username = "root";

$password = "";

$dbname = "ICT310";

$conn = new mysqli($severname,$username,$password,$dbname);

if ($conn -> connect\_error){

    die("connection field:".$conn -> connect\_error);

}

//validate input

if (empty($id)||empty($fname)||empty($lname)||empty($email)||empty($password)||empty($confirm\_password)){

    die("all fields are requred");

}

//hash password

$hashed\_password = password\_hash($password,PASSWORD\_DEFAULT);

//insert into database

$sql ="INSERT INTO RegistrationTableICT310 (id, first\_name, last\_name, email, password, confirm\_password ) VALUES('$id','$fname','$lname','$email','$hashed\_password','$hashed\_password')";

$stmt=$conn->prepare($sql);

$stmt->bind\_param("issss",$id,$fname,$lname,$email,$hashed\_password,$hashed\_password);

if($stmt->execute()){

    echo"registration successful";

    else

    echo "error".$conn->error;

}

$stmt->close();

$conn->close();

?>