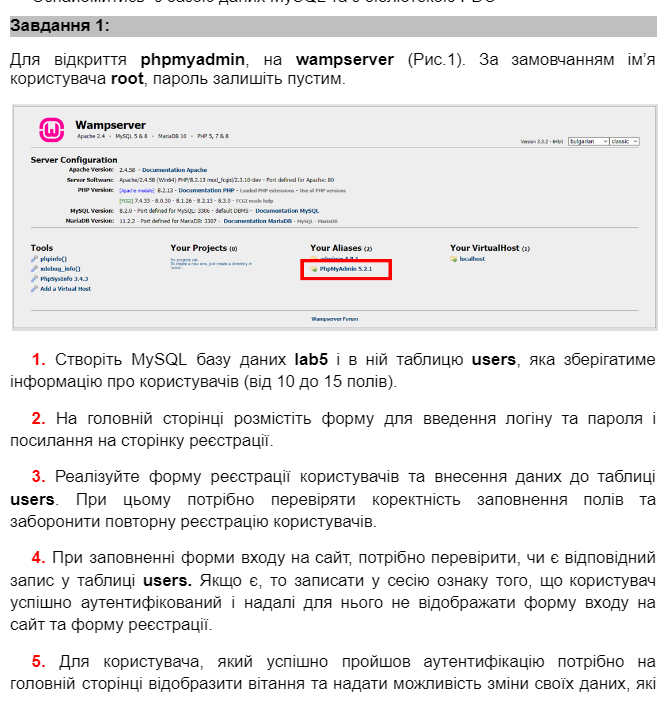
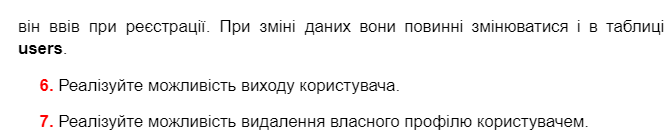
**Лабораторна робота №5**

**Тема: Робота з базою даних MySQL та з бібліотекою PDO у мові РНР**

***Мета роботи:*** ознайомитися з бібліотекою PDO для роботи з базами даних у мові PHP

**Завдання на лабораторну роботу**





Лістининг програми(index.html):

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Login Page</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

}

.login-form {

background: white;

padding: 20px;

border-radius: 8px;

box-shadow: 0 0 10px rgba(0,0,0,0.1);

}

.login-form h2 {

margin-bottom: 20px;

}

.login-form input[type="text"],

.login-form input[type="password"] {

width: 100%;

padding: 10px;

margin: 10px 0;

border: 1px solid #ccc;

border-radius: 4px;

}

.login-form input[type="submit"] {

background-color: #5cb85c;

color: white;

padding: 10px;

border: none;

border-radius: 4px;

cursor: pointer;

}

.login-form input[type="submit"]:hover {

background-color: #4cae4c;

}

.login-form a {

display: block;

margin-top: 10px;

text-align: center;

}

</style>

</head>

<body>

<div class="login-form">

<h2>Login</h2>

<form action="login.php" method="post">

<label><input type="text" name="username" placeholder="Username" required></label>

<label><input type="password" name="password" placeholder="Password" required></label>

<input type="submit" value="Login">

</form>

<a href="register.html">Register</a>

</div>

</body>

</html>

Лістининг програми(register.html):

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Registration Page</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

}

.register-form {

background: white;

padding: 20px;

border-radius: 8px;

box-shadow: 0 0 10px rgba(0,0,0,0.1);

}

.register-form h2 {

margin-bottom: 20px;

}

.register-form input[type="text"],

.register-form input[type="password"],

.register-form input[type="email"] {

width: 100%;

padding: 10px;

margin: 10px 0;

border: 1px solid #ccc;

border-radius: 4px;

}

.register-form input[type="submit"] {

background-color: #5cb85c;

color: white;

padding: 10px;

border: none;

border-radius: 4px;

cursor: pointer;

}

.register-form input[type="submit"]:hover {

background-color: #4cae4c;

}

.register-form a {

display: block;

margin-top: 10px;

text-align: center;

}

</style>

</head>

<body>

<div class="register-form">

<h2>Register</h2>

<form action="process\_registration.php" method="post">

<label><input name="username" placeholder="Username" required type="text"></label>

<label><input type="password" name="password" placeholder="Password" required></label>

<label><input type="password" name="confirm\_password" placeholder="Confirm Password" required></label>

<label><input type="email" name="email" placeholder="Email" required></label>

<label><input type="submit" value="Register"></label>

</form>

<a href="index.html">Back to Login</a>

</div>

</body>

</html>

Лістининг програми(welcome.php):

<?php

session\_start();

if (!isset($\_SESSION['authenticated']) || $\_SESSION['authenticated'] !== true) {

header("Location: index.php");

exit();

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Welcome</title>

</head>

<body>

<h1>Welcome, <?php echo htmlspecialchars($\_SESSION['username']); ?>!</h1>

<p>You have successfully logged in.</p>

<?php include 'update\_form.php'; ?>

<br>

<form action="delete\_profile.php" method="post" onsubmit="return confirm('Are you sure you want to delete your profile?');">

<input type="hidden" name="delete\_profile" value="1">

<input type="submit" value="Delete Profile">

</form>

<br>

<a href="logout.php">Logout</a>

</body>

</html>

Лістининг програми(login.php):

<?php

session\_start();

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

$username = $\_POST['username'];

$password = $\_POST['password'];

$conn = new mysqli('localhost', 'root', '', 'lab5');

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

$username = $conn->real\_escape\_string($username);

$password = $conn->real\_escape\_string($password);

$sql = "SELECT \* FROM users WHERE username='$username'";

$result = $conn->query($sql);

if ($result->num\_rows > 0) {

$row = $result->fetch\_assoc();

if (password\_verify($password, $row['password'])) {

$\_SESSION['username'] = $username;

$\_SESSION['authenticated'] = true;

header("Location: welcome.php");

exit();

} else {

echo "Invalid username or password";

}

} else {

echo "Invalid username or password";

}

$conn->close();

}

Лістининг програми(logout.php):

<?php

session\_start();

$\_SESSION = array();

if (ini\_get("session.use\_cookies")) {

$params = session\_get\_cookie\_params();

setcookie(session\_name(), '', time() - 42000,

$params["path"], $params["domain"],

$params["secure"], $params["httponly"]

);

}

session\_destroy();

header("Location: index.html");

exit();

Лістининг програми(process\_registration.php):

<?php

session\_start();

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

$username = $\_POST['username'];

$password = $\_POST['password'];

$confirm\_password = $\_POST['confirm\_password'];

$email = $\_POST['email'];

if ($password !== $confirm\_password) {

echo "Passwords do not match";

exit();

}

$conn = new mysqli('localhost', 'root', '', 'lab5');

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

$username = $conn->real\_escape\_string($username);

$password = $conn->real\_escape\_string($password);

$email = $conn->real\_escape\_string($email);

$check\_query = "SELECT \* FROM users WHERE username='$username' OR email='$email'";

$check\_result = $conn->query($check\_query);

if ($check\_result->num\_rows > 0) {

echo "User with the same username or email already exists";

} else {

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

$insert\_query = "INSERT INTO users (username, password, email) VALUES ('$username', '$hashed\_password', '$email')";

if ($conn->query($insert\_query) === TRUE) {

echo "Registration successful";

} else {

echo "Error: " . $insert\_query . "<br>" . $conn->error;

}

}

$conn->close();

}

Лістининг програми(update\_form.php):

<?php

if (!isset($\_SESSION['authenticated']) || $\_SESSION['authenticated'] !== true) {

header("Location: index.php");

exit();

}

$username = $\_SESSION['username'];

$current\_username = "";

$current\_email = "";

$conn = new mysqli('localhost', 'root', '', 'lab5');

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

$sql = "SELECT \* FROM users WHERE username='$username'";

$result = $conn->query($sql);

if ($result->num\_rows > 0) {

$row = $result->fetch\_assoc();

$current\_username = $row['username'];

$current\_email = $row['email'];

}

$conn->close();

?>

<h2>Update Your Information:</h2>

<form action="" method="post">

<label for="new\_username">New Username:</label>

<input type="text" id="new\_username" name="new\_username" value="<?php echo htmlspecialchars($current\_username); ?>" required>

<br><br>

<label for="new\_email">New Email:</label>

<input type="email" id="new\_email" name="new\_email" value="<?php echo htmlspecialchars($current\_email); ?>" required>

<br><br>

<input type="submit" value="Update">

</form>

Лістининг програми(delete\_profile.php):

<?php

session\_start();

if (!isset($\_SESSION['authenticated']) || $\_SESSION['authenticated'] !== true) {

header("Location: index.php");

exit();

}

$conn = new mysqli('localhost', 'root', '', 'lab5');

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

$username = $\_SESSION['username'];

$delete\_query = "DELETE FROM users WHERE username='$username'";

if ($conn->query($delete\_query) === TRUE) {

echo "Profile deleted successfully";

$\_SESSION = array();

if (ini\_get("session.use\_cookies")) {

$params = session\_get\_cookie\_params();

setcookie(session\_name(), '', time() - 42000,

$params["path"], $params["domain"],

$params["secure"], $params["httponly"]

);

}

session\_destroy();

header("Location: index.html");

exit();

} else {

echo "Error deleting profile: " . $conn->error;

}

$conn->close();

Лістининг програми(users.sql):

-- phpMyAdmin SQL Dump

-- version 5.2.1

-- https://www.phpmyadmin.net/

--

-- Хост: 127.0.0.1:3306

-- Час створення: Срп 28 2024 р., 11:33

-- Версія сервера: 8.2.0

-- Версія PHP: 8.2.13

SET SQL\_MODE = "NO\_AUTO\_VALUE\_ON\_ZERO";

START TRANSACTION;

SET time\_zone = "+00:00";

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8mb4 \*/;

--

-- База даних: `lab5`

--

-- --------------------------------------------------------

--

-- Структура таблиці `users`

--

DROP TABLE IF EXISTS `users`;

CREATE TABLE IF NOT EXISTS `users` (

`id` int NOT NULL AUTO\_INCREMENT,

`username` varchar(50) NOT NULL,

`password` varchar(255) NOT NULL,

`email` varchar(100) NOT NULL,

`first\_name` varchar(50) DEFAULT NULL,

`last\_name` varchar(50) DEFAULT NULL,

`date\_of\_birth` date DEFAULT NULL,

`gender` enum('M','F','O') DEFAULT NULL,

`registration\_date` timestamp NULL DEFAULT CURRENT\_TIMESTAMP,

`last\_login` timestamp NULL DEFAULT NULL,

`status` enum('active','inactive') DEFAULT NULL,

PRIMARY KEY (`id`)

) ENGINE=MyISAM DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

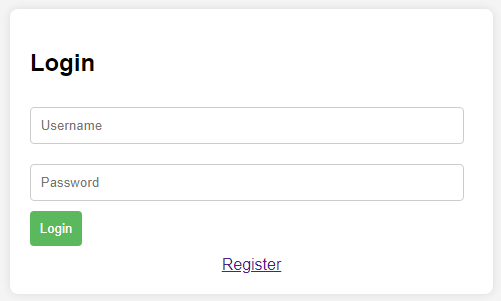
COMMIT;

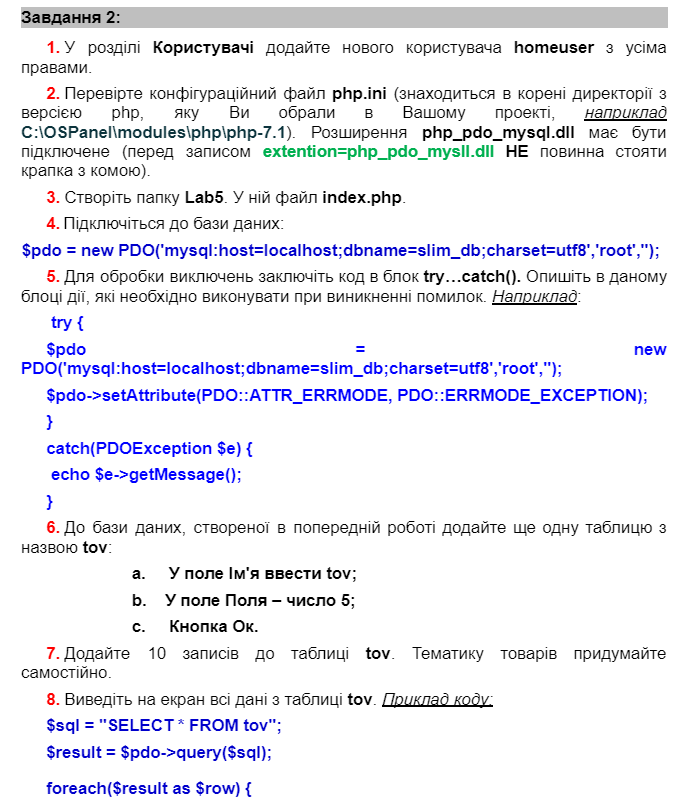
/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;

Результат виконання програми:





Лістинг програми(index.php):

<?php

$pdo = new PDO('mysql:host=localhost;dbname=lab5;charset=utf8', 'root', '');

$pdo->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

if (isset($\_POST['add\_record'])) {

header("Location: insert.php");

exit();

} elseif (isset($\_POST['delete\_record'])) {

header("Location: delete.php");

exit();

}

$sql = "SELECT \* FROM products";

$result = $pdo->query($sql);

if ($result->rowCount() > 0) {

echo "<h2>Дані з таблиці products:</h2>";

echo "<table border='1'>";

echo "<tr><th>ID</th><th>Name</th><th>Cost</th><th>Kol</th><th>Date</th></tr>";

foreach ($result as $row) {

echo "<tr>";

echo "<td>" . $row['id'] . "</td>";

echo "<td>" . $row['name'] . "</td>";

echo "<td>" . $row['cost'] . "</td>";

echo "<td>" . $row['kol'] . "</td>";

echo "<td>" . $row['date'] . "</td>";

echo "</tr>";

}

echo "</table>";

} else {

echo "<p>Немає записів у таблиці</p>";

}

?>

<form method="post" action="">

<br>

<input type="submit" name="add\_record" value="Додати запис">

<input type="submit" name="delete\_record" value="Вилучити запис">

</form>

Лістинг програми(insert.php):

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Insert Record</title>

</head>

<body>

<h2>Додати запис</h2>

<form action="insert\_process.php" method="post">

<label for="name">Назва товару:</label>

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

<label for="cost">Вартість:</label>

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

<label for="kol">Кількість:</label>

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

<label for="date">Дата реалізації:</label>

<input type="text" id="date" name="date" placeholder="YYYY-MM-DD" required><br><br>

<input type="submit" value="Додати запис">

</form>

</body>

</html>

Лістинг програми(insert\_process.php):

<?php

$pdo = new PDO('mysql:host=localhost;dbname=lab5;charset=utf8', 'root', '');

$pdo->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$name = $\_POST['name'];

$cost = $\_POST['cost'];

$kol = $\_POST['kol'];

$date = $\_POST['date'];

$sql = "INSERT INTO products (name, cost, kol, date) VALUES (?, ?, ?, ?)";

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

$stmt->execute([$name, $cost, $kol, $date]);

if ($stmt->rowCount() > 0) {

echo "Новий запис успішно додано до бази даних.";

} else {

echo "Помилка: запис не було додано.";

}

?>

<?php

Лістинг програми(delete.php):

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Delete Record</title>

</head>

<body>

<h2>Вилучити запис</h2>

<form action="delete\_process.php" method="post">

<label for="id">Номер запису для вилучення:</label>

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

<input type="submit" value="Вилучити запис">

</form>

</body>

</html>

Лістинг програми(delete\_process.php):

<?php

$pdo = new PDO('mysql:host=localhost;dbname=lab5;charset=utf8', 'root', '');

$pdo->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$id = $\_POST['id'];

$sql = "DELETE FROM products WHERE id = ?";

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

$stmt->execute([$id]);

if ($stmt->rowCount() > 0) {

echo "Запис з ID $id був успішно видалений з бази даних.";

} else {

echo "Помилка: запис з ID $id не було видалено.";

}

Лістинг програми(showing\_rows.php):

<?php

$pdo = new PDO('mysql:host=localhost;dbname=lab5;charset=utf8', 'root', '');

$pdo->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$sql = "SELECT \* FROM products";

$result = $pdo->query($sql);

if ($result->rowCount() > 0) {

foreach ($result as $row) {

echo "ID: " . $row['id'] . "<br>";

echo "Name: " . $row['name'] . "<br>";

echo "Cost: " . $row['cost'] . "<br>";

echo "Kol: " . $row['kol'] . "<br>";

echo "Date: " . $row['date'] . "<br>";

echo "<br>";

}

} else {

echo "Немає записів у таблиці";

}

Лістинг програми(try\_catch.php):

<?php

try {

$pdo = new PDO('mysql:host=localhost;dbname=lab5;charset=utf8', 'root', '');

$pdo->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

$stmt = $pdo->query('SELECT \* FROM users');

while ($row = $stmt->fetch(PDO::FETCH\_ASSOC)) {

echo $row['username'] . '<br>';

}

echo 'Підключення до бази даних успішне!';

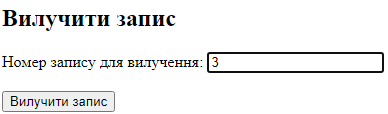
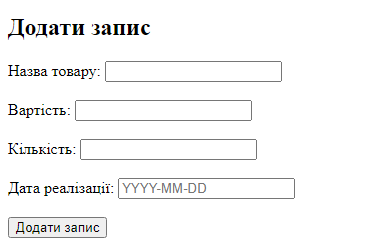
} catch (PDOException $e) {

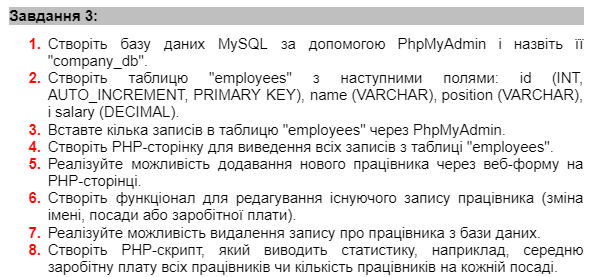
echo 'Помилка підключення до бази даних: ' . $e->getMessage();

error\_log('PDO Exception: ' . $e->getMessage(), 3, '/var/log/my\_errors.log');

}

Результат виконання програми:

IMG_256



Лістинг програми(index):

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>List of Employees</title>

<style>

table {

width: 100%;

border-collapse: collapse;

}

table, th, td {

border: 1px solid black;

padding: 5px;

text-align: left;

}

th {

background-color: #f2f2f2;

}

</style>

</head>

<body>

<h2>List of Employees</h2>

<table>

<tr>

<th>ID</th>

<th>Name</th>

<th>Position</th>

<th>Salary</th>

<th>Actions</th>

</tr>

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "employees";

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

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

$sql = "SELECT \* FROM employees";

$result = $conn->query($sql);

if ($result->num\_rows > 0) {

while($row = $result->fetch\_assoc()) {

echo "<tr>";

echo "<td>".$row["id"]."</td>";

echo "<td>".$row["name"]."</td>";

echo "<td>".$row["position"]."</td>";

echo "<td>".$row["salary"]."</td>";

echo '<td><a href="edit.php?id='.$row["id"].'">Edit</a> | <a href="delete.php?id='.$row["id"].'" onclick="return confirm(\'Are you sure?\')">Delete</a></td>';

echo "</tr>";

}

} else {

echo "<tr><td colspan='5'>No employees found</td></tr>";

}

$conn->close();

?>

</table>

<br>

<a href="add\_employee.php">Add New Employee</a>

</body>

</html>

Лістинг програми(delete):

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "employees";

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

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

$employee\_id = $conn->real\_escape\_string($\_GET['id']);

$sql = "DELETE FROM employees WHERE id = $employee\_id";

if ($conn->query($sql) === TRUE) {

echo "Employee deleted successfully";

} else {

echo "Error deleting record: " . $conn->error;

}

$conn->close();

Лістинг програми(edit):

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Edit Employee</title>

</head>

<body>

<h2>Edit Employee</h2>

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "employees";

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

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

$employee\_id = $\_GET['id'];

$sql = "SELECT \* FROM employees WHERE id = $employee\_id";

$result = $conn->query($sql);

if ($result->num\_rows > 0) {

$row = $result->fetch\_assoc();

} else {

echo "Employee not found";

exit;

}

?>

<form action="update\_employee.php" method="post">

<input type="hidden" name="id" value="<?php echo $row['id']; ?>">

<label for="name">Name:</label><br>

<input type="text" id="name" name="name" value="<?php echo $row['name']; ?>" required><br><br>

<label for="position">Position:</label><br>

<input type="text" id="position" name="position" value="<?php echo $row['position']; ?>" required><br><br>

<label for="salary">Salary:</label><br>

<input type="text" id="salary" name="salary" value="<?php echo $row['salary']; ?>" required><br><br>

<input type="submit" value="Update Employee">

</form>

</body>

</html>

Лістинг програми(statistics):

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Employee Statistics</title>

</head>

<body>

<h2>Employee Statistics</h2>

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "employees";

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

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

$sql\_avg\_salary = "SELECT AVG(salary) AS avg\_salary FROM employees";

$result\_avg\_salary = $conn->query($sql\_avg\_salary);

if ($result\_avg\_salary->num\_rows > 0) {

$row\_avg\_salary = $result\_avg\_salary->fetch\_assoc();

$average\_salary = $row\_avg\_salary['avg\_salary'];

echo "<p>Average Salary of Employees: $" . number\_format($average\_salary, 2) . "</p>";

} else {

echo "No employees found";

}

// Calculate count of employees by position

$sql\_count\_positions = "SELECT position, COUNT(\*) AS count FROM employees GROUP BY position";

$result\_count\_positions = $conn->query($sql\_count\_positions);

if ($result\_count\_positions->num\_rows > 0) {

echo "<h3>Number of Employees by Position:</h3>";

while ($row\_count\_positions = $result\_count\_positions->fetch\_assoc()) {

echo "<li>" . $row\_count\_positions['position'] . ": " . $row\_count\_positions['count'] . "</li>";

}

echo "</ul>";

} else {

echo "No employees found";

}

$conn->close();

?>

</body>

</html>

Лістинг програми(add\_employee):

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Add New Employee</title>

</head>

<body>

<h2>Add New Employee</h2>

<form action="insert\_employee.php" method="post">

<label for="name">Name:</label><br>

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

<label for="position">Position:</label><br>

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

<label for="salary">Salary:</label><br>

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

<input type="submit" value="Add Employee">

</form>

</body>

</html>

Лістинг програми(update\_employee):

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "employees";

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

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

$id = $conn->real\_escape\_string($\_POST['id']);

$name = $conn->real\_escape\_string($\_POST['name']);

$position = $conn->real\_escape\_string($\_POST['position']);

$salary = $conn->real\_escape\_string($\_POST['salary']);

$sql = "UPDATE employees SET name='$name', position='$position', salary='$salary' WHERE id=$id";

if ($conn->query($sql) === TRUE) {

echo "Employee updated successfully";

} else {

echo "Error updating record: " . $conn->error;

}

$conn->close();

Лістинг програми(insert\_employee):

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "employees";

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

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

$name = $conn->real\_escape\_string($\_POST['name']);

$position = $conn->real\_escape\_string($\_POST['position']);

$salary = $conn->real\_escape\_string($\_POST['salary']);

$sql = "INSERT INTO employees (name, position, salary) VALUES ('$name', '$position', '$salary')";

if ($conn->query($sql) === TRUE) {

echo "Employee added successfully";

} else {

echo "Error: " . $sql . "<br>" . $conn->error;

}

$conn->close();

Лістинг програми(employee.sql):

-- phpMyAdmin SQL Dump

-- version 5.2.1

-- https://www.phpmyadmin.net/

--

-- Хост: 127.0.0.1:3306

-- Час створення: Чрв 16 2024 р., 13:29

-- Версія сервера: 8.2.0

-- Версія PHP: 8.2.13

SET SQL\_MODE = "NO\_AUTO\_VALUE\_ON\_ZERO";

START TRANSACTION;

SET time\_zone = "+00:00";

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8mb4 \*/;

--

-- База даних: `company\_db`

--

-- --------------------------------------------------------

--

-- Структура таблиці `employees`

--

DROP TABLE IF EXISTS `employees`;

CREATE TABLE IF NOT EXISTS `employees` (

`id` int NOT NULL AUTO\_INCREMENT,

`name` varchar(100) DEFAULT NULL,

`position` varchar(100) DEFAULT NULL,

`salary` decimal(10,2) DEFAULT NULL,

PRIMARY KEY (`id`)

) ENGINE=MyISAM AUTO\_INCREMENT=5 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

--

-- Дамп даних таблиці `employees`

--

INSERT INTO `employees` (`id`, `name`, `position`, `salary`) VALUES

(1, 'John Doe', 'Manager', 30000.00),

(4, 'Emily Davis', 'Accountant', 55000.00),

(3, 'Mike Johnson', 'Sales Executive', 45000.00);

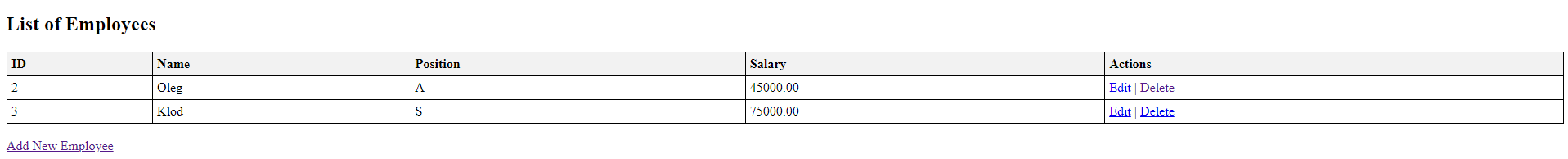
COMMIT;

/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;

Результат виконання програми:





Посилання на github: https://github.com/loorkky/Backend.git