FSD WORKSHOP-6

db.php

```php
<?php
$host = "localhost";
$user = "root";
$pass = "";
$dbname = "school_db";
try {
 $conn = new PDO("mysql:host=$host;dbname=$dbname", $user, $pass);
 $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
 echo "Database connected successfully!";
} catch(PDOException $e) {
 echo "Connection failed: " . $e->getMessage();
}
?>
```

index.php

```php
<?php include 'db.php'; ?>
<!DOCTYPE html>
<html>
<head>
 <title>Student List CRUD</title>
 <style>
 body {
 font-family: Arial, sans-serif;
 background: #f4f6f9;
 margin: 0;
 padding: 20px;
 }
 h2, h3 {
 text-align: center;
 color: #333;
 }
 form {
 width: 50%;
 margin: 20px auto;
 background: #fff;
 padding: 20px;
 border-radius: 6px;
```

```css
    box-shadow: 0 2px 6px rgba(0,0,0,0.1);
}
form input {
    width: 95%;
    padding: 10px;
    margin: 8px 0;
    border: 1px solid #ccc;
    border-radius: 4px;
}
form button {
    width: 100%;
    padding: 10px;
    background: #28a745;
    border: none;
    color: white;
    font-size: 16px;
    border-radius: 4px;
}
form button:hover {
    background: #218838;
}
table {
    width: 80%;
```

```css
  margin: 0 auto;

  border-collapse: collapse;

  background: #fff;

  box-shadow: 0 2px 6px rgba(0,0,0,0.1);

}

table th, table td {

  padding: 12px;

  border: 1px solid #ddd;

  text-align: center;

}

table th {

  background: #007bff;

  color: white;

}

a {

  padding: 6px 12px;

  margin: 2px;

  text-decoration: none;

  border-radius: 4px;

  font-size: 14px;

  background: #007bff;

  color: white;

}
```

```html
    a:hover {
    background: #0056b3;
    }
    </style>
</head>
<body>
    <h2>Student List Application</h2>
    <form method="POST" action="">
    <h3>Add New Student</h3>
    <input type="text" name="name" placeholder="Enter Name"
required>
    <input type="email" name="email" placeholder="Enter Email"
required>
    <input type="text" name="course" placeholder="Enter Course"
required>
    <button type="submit" name="add">Add Student</button>
    </form>
<?php
// Handle Add Student
if(isset($_POST['add'])){
$stmt = $conn->prepare("INSERT INTO students (name, email,
course) VALUES (?, ?, ?)");
$stmt->execute([$_POST['name'], $_POST['email'],
```

```php
$_POST['course']]);
 echo "<p style='text-align:center;color:green;'>✅ Student added
successfully!</p>";
 }
 ?>
```

<!-- Display Students -->
<h3>All Students</h3>
<table>
<tr>
<th>ID</th><th>Name</th><th>Email</th><th>Course</th><th>Actions
</th>
</tr>

```php
<?php
$stmt = $conn->query("SELECT * FROM students");
while($row = $stmt->fetch(PDO::FETCH_ASSOC)){
echo "<tr>
<td>{$row['id']}</td>
<td>{$row['name']}</td>
<td>{$row['email']}</td>
<td>{$row['course']}</td>
<td>
<a href='index.php?edit={$row['id']}'>Edit</a>
```

```php
<a href='index.php?delete={$row['id']}'>Delete</a>
</td>
</tr>";
}
?>
</table>
<?php
// Handles Delete Action
if(isset($_GET['delete'])){
$id = $_GET['delete'];
$stmt = $conn->prepare("DELETE FROM students WHERE id=?");
$stmt->execute([$id]);
echo "<p style='text-align:center;color:red;'>✖ Student deleted!</p>";
header("Refresh:0; url=index.php"); // refresh page
}
// Handles Edit Action
if(isset($_GET['edit'])){
$id = $_GET['edit'];
$stmt = $conn->prepare("SELECT * FROM students WHERE id=?");
$stmt->execute([$id]);
$student = $stmt->fetch(PDO::FETCH_ASSOC);
```

```php
echo "<form method='POST' action='' style='margin-top:20px;'>
<h3>Edit Student</h3>
<input type='text' name='name' value='{$student['name']}' required>
<input type='email' name='email' value='{$student['email']}' required>
<input type='text' name='course' value='{$student['course']}' required>
<button type='submit' name='update'>Update Student</button>
</form>";
// Handels Edit Action
if(isset($_POST['update'])){
$stmt = $conn->prepare("UPDATE students SET name=?, email=?, course=? WHERE id=?");
$stmt->execute([$_POST['name'], $_POST['email'], $_POST['course'], $id]);
echo "<p style='text-align:center;color:blue;'> Student updated!</p>";
exit;
}
}
?>
```

```
</body>
```

```
</html>
```

GIT LINK:

OUTPUT:

Student List Application

Add New Student

Enter Name
Enter Email
Enter Course

Add Student

All Students

ID	Name	Email	Course	Actions
1	Alice Johnson	alice@example.com	Computer Science	Edit Delete
2	Bob Smith	bob@example.com	Mathematics	Edit Delete
3	Charlie Brown	charlie@example.com	Physics	Edit Delete
4	Diana Prince	diana@example.com	Chemistry	Edit Delete
5	Ethan Hunt	ethan@example.com	Biology	Edit Delete
6	Chhabi Maharjan	chhabi.maharjan69@gmail.com	Computer Science	Edit Delete

Edit Student

Alice Johnson
alice@example.com
Computer Science

Update Student

Student updated!