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C334 – IT

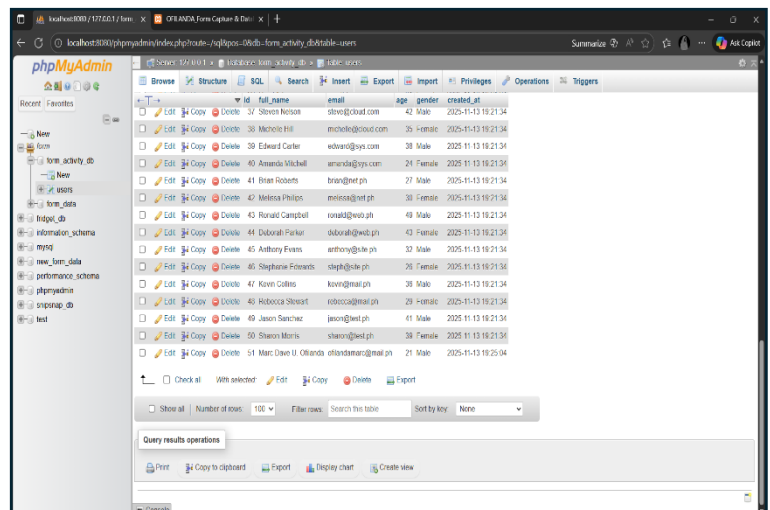
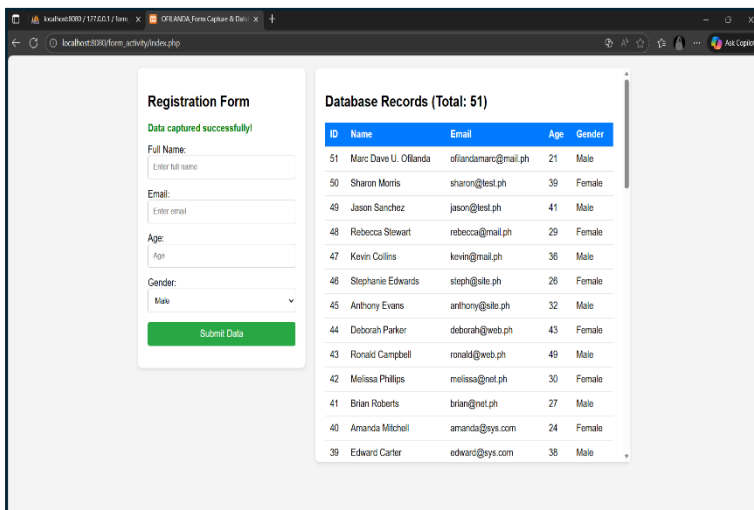
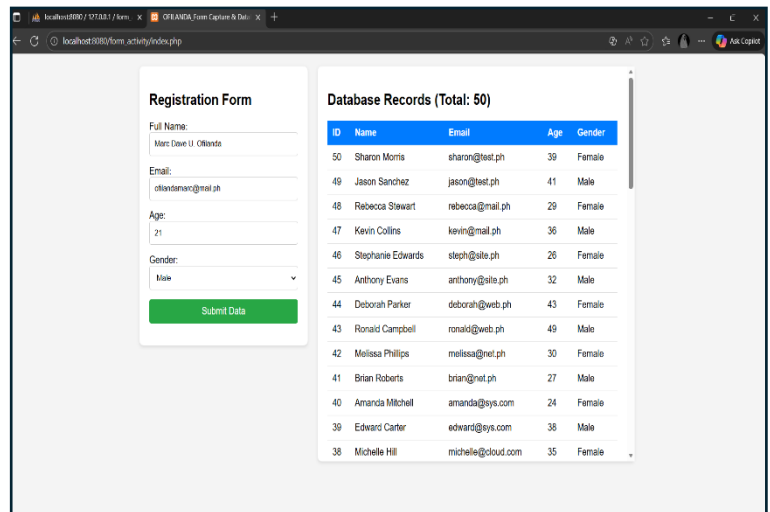
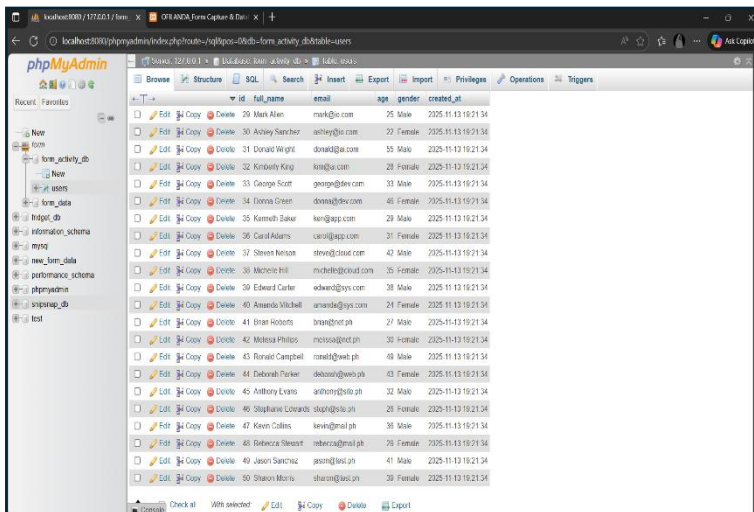
WSTL31C

Ms. Gen-Gen H. Roma

Instructions:

- Create a database using MySQL
- Maximum of 100 data and minimum of 50 person that validate and capture from your form.
- It must be locally hosted (using XAMPP as server)

Answer (Source Codes and Screenshots):



Source Code (index.php)

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "form_activity_db";

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

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
$message = "";
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $full_name = $_POST['full_name'];
    $email = $_POST['email'];
    $age = $_POST['age'];
    $gender = $_POST['gender'];

    if (!empty($full_name) && !empty($email) && !empty($age)) {
        $stmt = $conn->prepare("INSERT INTO users (full_name, email, age, gender) VALUES (?, ?, ?, ?)");
        $stmt->bind_param("ssis", $full_name, $email, $age, $gender);

        if ($stmt->execute()) {
            $message = "<p class='success'>Data captured successfully!</p>";
        } else {
            $message = "<p class='error'>Error: " . $stmt->error . "</p>";
        }
        $stmt->close();
    } else {
        $message = "<p class='error'>All fields are required!</p>";
    }
}

$sql = "SELECT * FROM users ORDER BY id DESC";
$result = $conn->query($sql);
?>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>OFILANDA_Form Capture & Database</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>

<div class="container">
    <div class="form-section">
        <h2>Registration Form</h2>
        <?php echo $message; ?>
        <form method="POST" action="index.php">
            <label>Full Name:</label>
            <input type="text" name="full_name" required placeholder="Enter full name">

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

            <label>Age:</label>
            <input type="number" name="age" min="1" max="100" required placeholder="Age">

            <label>Gender:</label>
            <select name="gender">
                <option value="Male">Male</option>
                <option value="Female">Female</option>
                <option value="Other">Other</option>
            </select>

            <button type="submit">Submit Data</button>
        </form>
    </div>

    <div class="data-section">
        <h2>Database Records (Total: <?php echo $result->num_rows; ?>)</h2>
        <table>
```

```

<thead>
    <tr>
        <th>ID</th>
        <th>Name</th>
        <th>Email</th>
        <th>Age</th>
        <th>Gender</th>
    </tr>
</thead>
<tbody>
    <?php
    if ($result->num_rows > 0) {
        while($row = $result->fetch_assoc()) {
            echo "<tr>
                <td>" . $row["id"] . "</td>
                <td>" . $row["full_name"] . "</td>
                <td>" . $row["email"] . "</td>
                <td>" . $row["age"] . "</td>
                <td>" . $row["gender"] . "</td>
            </tr>";
        }
    } else {
        echo "<tr><td colspan='5'>No data found</td></tr>";
    }
    ?>
</tbody>
</table>
</div>
</div>

</body>
</html>

<?php $conn->close(); ?>

```

Source Code (style.css)

```
body {  
    font-family: Arial, sans-serif;  
    background-color: #f4f4f4;  
    margin: 0;  
    padding: 20px;  
}  
  
.container {  
    display: flex;  
    gap: 20px;  
    max-width: 1000px;  
    margin: 0 auto;  
}  
  
.form-section {  
    flex: 1;  
    background: white;  
    padding: 20px;  
    border-radius: 8px;  
    box-shadow: 0 2px 5px rgba(0,0,0,0.1);  
    height: fit-content;  
}  
  
.data-section {  
    flex: 2;  
    background: white;  
    padding: 20px;
```

```
border-radius: 8px;  
box-shadow: 0 2px 5px rgba(0,0,0,0.1);  
max-height: 80vh;  
overflow-y: auto;  
}
```

```
input, select, button {  
  width: 100%;  
  padding: 10px;  
  margin-bottom: 15px;  
  border: 1px solid #ccc;  
  border-radius: 4px;  
  box-sizing: border-box;  
}
```

```
button {  
  background-color: #28a745;  
  color: white;  
  border: none;  
  cursor: pointer;  
  font-size: 16px;  
}
```

```
button:hover {  
  background-color: #218838;  
}
```

```
table {  
  width: 100%;
```

```
border-collapse: collapse;  
}
```

```
th, td {  
  padding: 10px;  
  border-bottom: 1px solid #ddd;  
  text-align: left;  
}
```

```
th {  
  background-color: #007bff;  
  color: white;  
  position: sticky;  
  top: 0;  
}
```

```
.success { color: green; font-weight: bold; }  
.error { color: red; font-weight: bold; }
```

```
@media (max-width: 768px) {  
  .container { flex-direction: column; }  
}
```