

DBMS LAB 7

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WORKING WITH PHP AND MYSQL

Table Data:-

MySQL Shell

```
MySQL localhost:33060+ ssl lab7_db SQL > select * from Donors;
```

donor_id	donor_aadharNo	donor_name	donor_age	donor_bloodgroup
1	1ujnf0n2n2	Jeremiah	20	O+
3	djkwdn	neymar jr.	28	A+
4	892ndnwon22	Mo Salah	34	B-
5	239nnfwow9	Kumar	65	A+
7	8392nqneqn2	Sadio Mane	28	O+

5 rows in set (0.0005 sec)

```
MySQL localhost:33060+ ssl lab7_db SQL > _
```

I. Insert Module:-

The **insert** module must be able to accept the Donor_ID (primary key), Aadhar number, name, age and blood group of the donor and store it in the database.

Code:-

```
// Create connection
$conn = mysqli_connect($servername, $username, $password,
$dbdatabase);

// Check connection
if (!$conn) {
    die("Connection to MySQL failed: " .
mysqli_connect_error());
}
```

```

        echo "<div>Connected to MySQL successfully!!</div>";

        $sql = "INSERT INTO Donors (donor_id, donor_aadharNo,
donor_name, donor_age, donor_bloodgroup)
VALUES ($u_donor_id, '$u_donor_aadharNo',
'$u_donor_name', $u_donor_age, '$u_donor_bloodgroup' )";

        if ($conn->query($sql) === TRUE) {
            echo "<div>New Donor record created successfully</div>";
        } else {
            echo "Error: " . $sql . "<br>" . $conn->error;
        }
        $conn->close();
    ?>
</body>
</html>

```

Insert Donor Input Form:-

```

<div class="container">
    <div class="brand-title">INSERT A DONOR ⚡</div>
    <div class="inputs">
        <form action="insert.php" method="post">

            <label>Donor Id</label>
            <input type="number" name="donor_id"
placeholder="Enter Donor Id" />
            <label>Aadhar No</label>
            <input type="text" name="donor_aadharNo"
placeholder="Enter Donor Aadhar" />
            <label>Name</label>
            <input type="text" name="donor_name"
placeholder="Enter Donor Name" />

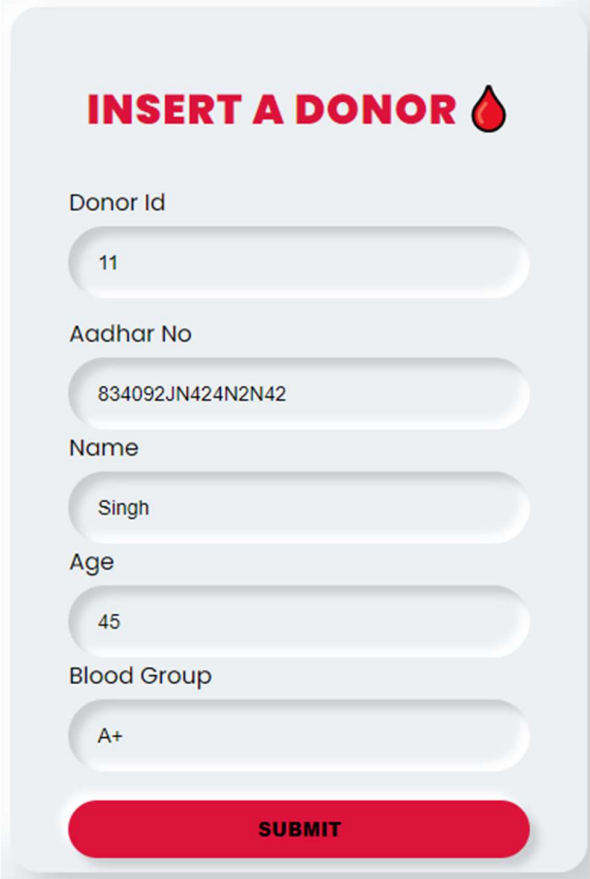
```


```
        <label>Age</label>
        <input type="number" name="donor_age"
placeholder="Enter Donor Age" />
        <label>Blood Group</label>
        <input type="text" name="donor_bloodgroup"
placeholder="Enter Bloodgroup" />

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

    </form>
</div>
</div>
```

Input:-



INSERT A DONOR 

Donor Id

11

Aadhar No

834092JN424N2N42

Name

Singh

Age

45

Blood Group

A+

SUBMIT

Output:-

Connected to MySQL successfully!!
New Donor record created successfully

Updated Table:-

```
MySQL localhost:33060+ ssl lab7_db SQL > select * from Donors;
```

donor_id	donor_aadharNo	donor_name	donor_age	donor_bloodgroup
1	1ujnf0n2n2	Jeremiah	20	O+
3	djkwdn	neymar jr.	28	A+
4	892ndnwon22	Mo Salah	34	B-
5	239nnfwow9	Kumar	65	A+
7	8392nqneqn2	Sadio Mane	28	O+
11	834092JN424N2N42	Singh	45	A+

II. Display Module:-

The **display** module must be able to accept a blood group and display all donors having the blood group given.

Code:-

```
// Create connection
$conn = mysqli_connect($servername, $username, $password,
$dbname);

// Check connection
if (!$conn) {
    die("Connection to MySQL failed: " .
mysqli_connect_error());
}
```

```

    $sql = "SELECT donor_name, donor_id, donor_aadharNo FROM Donors
where donor_bloodgroup = '$u_donor_bloodgroup' ";
    $result = $conn->query($sql);

    if ($result->num_rows > 0) {
        echo "<table><tr><th>ID</th><th>Name</th><th>Aadhar
No</th></tr>";
        // output data of each row
        while ($row = $result->fetch_assoc()) {
            echo "<tr><td>" . $row["donor_id"] . "</td><td>" .
$row["donor_name"] . "</td><td>" . $row["donor_aadharNo"] .
"</td></tr>";
        }
        echo "</table>";
    } else {
        echo "<div>0 results</div>";
    }
    $conn->close();
?>

```

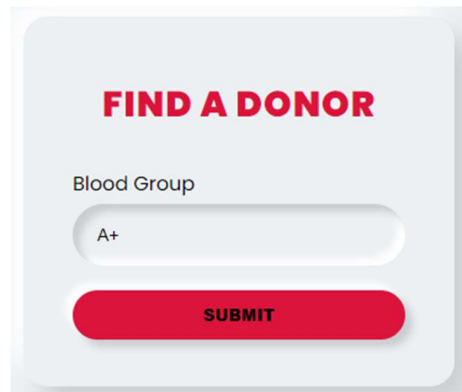
Find Donor Input Form:-

```

<div class="container2">
    <div class="brand-title">FIND A DONOR</div>
    <div class="inputs">
        <form action="display.php" method="post">
            <label>Blood Group</label>
            <input type="text" name="donor_bloodgroup"
placeholder="Enter Bloodgroup" />
            <button type="submit">SUBMIT</button>
        </form>
    </div>
</div>

```

Input :-



FIND A DONOR

Blood Group

A+

SUBMIT

Output :-

ID	Name	Aadhar No
3	neymar jr.	djkw dn
5	Kumar	239nnfwow9
11	Singh	834092JN424N2N42

THANK YOU!