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<?php
$servername = "localhost"; // Your database server
$username = "root"; // Your database username
$password = "tej11"; // Your database password
$dbname = "ADBS"; // Your database name

if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST["ssn"]) &&
isset($_POST["original_ssn"])) {
    $newSsn = $_POST["ssn"];
    $originalSsn = $_POST["original_ssn"];

    $dob = $_POST["dob"];
    $name = $_POST["name"];
    $fname = $_POST["fname"];
    $minit = empty($_POST["minit"]) ? null : $_POST["minit"];
    $lname = $_POST["lname"];
    $address = $_POST["address"];
    $employeeType = $_POST["employeeType"];

    // Create a database connection
    $conn = new mysqli($servername, $username, $password, $dbname);

    // Check the connection
    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }

    // Check if the new SSN conflicts with an existing one, excluding the current record
    $checkSsnQuery = "SELECT SSN FROM employee WHERE SSN = '$newSsn' AND SSN !=
'$originalSsn'";
    $ssnCheckResult = $conn->query($checkSsnQuery);

    if ($ssnCheckResult->num_rows > 0) {
        echo "Error: The provided SSN is already in use.";
    } else {
        // Define SQL update query
        $sql = "UPDATE employee
            SET DOB = '$dob', Name = '$name', FName = '$fname', MINIT = " . ($minit !== null ?
            "'$minit' : 'NULL') . ", LName = '$lname', Address = '$address', EmployeeType =
            '$employeeType' ";

        // Update SSN only if it's different from the original SSN
        if ($newSsn != $originalSsn) {
            $sql .= ", SSN = '$newSsn' ";
        }
    }
}

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    }

    $sql .= "WHERE SSN = '$originalSsn'";

    if ($conn->query($sql) === TRUE) {
        echo "Record has been updated successfully.";
    } else {
        echo "Error: " . $conn->error;
    }
}

// Close the database connection
$conn->close();
}
?>

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Edit.php

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<!DOCTYPE html>
<html>
<head>
    <title>Edit Employee Record</title>
</head>
<body>
    <h1>Edit Employee Record</h1>

    <?php
    $servername = "localhost"; // Your database server
    $username = "your_username"; // Your database username
    $password = "your_password"; // Your database password
    $database = "your_database"; // Your database name

    if (isset($_GET["ssn"])) {
        $ssn = $_GET["ssn"];

        // Create a database connection
        $conn = new mysqli($servername, $username, $password, $database);

        // Check the connection
        if ($conn->connect_error) {
            die("Connection failed: " . $conn->connect_error);
        }

        // Fetch the employee record for editing
    }

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$sql = "SELECT SSN, DOB, Name, FName, MINIT, LName, Address, EmployeeType FROM  
employee WHERE SSN = '$ssn';  
$result = $conn->query($sql);
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if ($result === false) {  
    echo "Error: " . $conn->error;  
} else {  
    // Fetch the record data  
    $row = $result->fetch_assoc();  
}
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// Close the database connection  
$conn->close();  
}  
?>
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<form method="post" action="update.php">  
    <input type="hidden" name="original_ssn" value="<?php echo $row["SSN"]; ?>"> <!--  
Include Original SSN as Hidden Input -->
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    <!-- Display and pre-fill the form with record data for SSN -->  
    <label for="ssn">SSN:</label>  
    <input type="text" name="ssn" value="<?php echo $row["SSN"]; ?>" required><br>
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    <!-- Display and pre-fill the form with record data for MINIT (optional) -->  
    <label for="minit">Middle Initial:</label>  
    <input type="text" name="minit" value="<?php echo $row["MINIT"]; ?>"><br>
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    <!-- Add fields for other record attributes (DOB, Name, FName, LName, Address,  
EmployeeType) -->  
    <label for="dob">DOB:</label>  
    <input type="date" name="dob" value="<?php echo $row["DOB"]; ?>" required><br>
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    <label for="name">Name:</label>  
    <input type="text" name="name" value="<?php echo $row["Name"]; ?>" required><br>
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    <label for="fname">First Name:</label>  
    <input type="text" name="fname" value="<?php echo $row["FName"]; ?>" required><br>
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    <label for="lname">Last Name:</label>  
    <input type="text" name="lname" value="<?php echo $row["LName"]; ?>" required><br>
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    <label for="address">Address:</label>
```

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<input type="text" name="address" value="<?php echo $row["Address"]; ?>"
required><br>
```

```
<label for="employeeType">Employee Type:</label>
<input type="text" name="employeeType" value="<?php echo $row["EmployeeType"]; ?>"
required><br>
```

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<input type="submit" value="Update Record">
</form>
</body>
</html>
```