



North South University

Department of Electrical and Computer Engineering

CSE 482L: Internet & Web Technology

Lab Manual – 8

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- Ajax
- Live Search

Show all the information from the database

index.php

```
<html lang="en" dir="ltr">
  <head>
    <title></title>
    <script>
      function usersearchTxt(str) {
        console.log(str);
      }
    </script>
  </head>
  <body>
    <input id="searchBox" type="text" name="" value="">
    <button type="button" name="button"
onclick="usersearchTxt (document.getElementById('searchBox').value);">search<
/button>
    <div id="searchTable">
      <table>
        <tr>
          <th>Id</th>
          <th>Name</th>
          <th>Email</th>
        </tr>
        <?php
          include 'DBManager.php';
          echo fetch('');
        ?>
      </table>
    </div>
  </body>
</html>
```

DBManager.php

```
<?php

function conectionStart()
{
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "hr";

    $connection = mysqli_connect($servername, $username, $password,
$dbname);

    return $connection;
}

function conectionEnd($value)
{
    mysqli_close($value);
}

function fetch($value='')
{
    $connection = conectionStart();
    $sql = "SELECT * FROM employees WHERE first_name LIKE '%" . $value . "%' OR
last_name LIKE '%" . $value . "%' OR email LIKE '%" . $value . "%'";
    $result = mysqli_query($connection, $sql);

    if($result) {
        echo "<table>";
        echo "<tr>";
        echo "<th>Id</th>";
        echo "<th>Name</th>";
        echo "<th>Email</th>";
        echo "</tr>";
        while ($row = mysqli_fetch_assoc($result)) {
            echo "<tr>";
            echo "<td>". $row['Employee_Id'] . "</td>";
            echo "<td>". $row['First_Name'] . " " . $row['Last_Name'] . "</td>";
            echo "<td>". $row['Email'] . "</td>";
            echo "</tr>";
        }
        echo "</table>";
    } else {
        echo "Error :". $sql . "<br>". mysqli_error($connection);
    }

    conectionEnd($connection);
}

if (isset($_GET['search'])) {
    fetch($_GET['search']);
}

?>
```

Update the `usersearchTxt` function like following to implement the live search

```
function usersearchTxt(str) {  
    var xmlhttp = new XMLHttpRequest();  
    xmlhttp.onreadystatechange = function () {  
        if(this.readyState == 4 && this.status == 200){  
            document.getElementById('searchTable').innerHTML =  
this.responseText;  
        }  
    }  
    xmlhttp.open("GET", "DBManager.php?search="+str,true);  
    xmlhttp.send();  
}
```

Task:

Please now remove the `search` button and apply the search on changing content of the textbox.

Homework:

Apply the live search in the **Dashboard.php** page of your portfolio website.