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Roll No: CSE-37 PRN: 1032170126 Lab Assignment 1 Password Validation

Code:

```
<html>
 <head>
  <meta charset="utf-8" http-equiv="encoding" />
  <meta http-equiv="X-UA-Compatible" content="IE=edge" />
  <title>Password Validation</title>
  <meta name="viewport" content="width=device-width,initial-scale=1" />
  <script
   src="https://code.jquery.com/jquery-3.4.1.slim.min.js"
integrity="sha384-J6qa4849blE2+poT4WnyKhv5vZF5SrPo0iEjwBvKU7imGFAV0wwj
1yYfoRSJoZ+n"
   crossorigin="anonymous"
  ></script>
  <script
   src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"
integrity="sha384-wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GC
Exl3Og8ifwB6"
   crossorigin="anonymous"
  ></script>
  k
href="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.0.0/css/bootstrap.css"
   rel="stylesheet"
  />
  link
href="https://cdnjs.cloudflare.com/ajax/libs/datatables/1.10.16/css/dataTables.bootstr
ap4.css"
   rel="stylesheet"
  />
  <style>
   @import
url(https://cdnjs.cloudflare.com/ajax/libs/normalize/8.0.1/normalize.min.css);
```

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url(https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css);
  </style>
 </head>
 <body style="background-color:black;">
  <div class="global-container">
    <div class="card login-form">
       <div class="card-body">
         <h3 class="card-title text-center">Password Validation</h3>
         <div class="card-text">
            <!--
                 <div class="alert alert-danger alert-dismissible fade show"</pre>
role="alert">Incorrect username or password.</div> -->
            <form method="post">
              <!-- to error: add class "has-danger" -->
              <div class="form-group">
                 <label for="email">Email address</label>
                 <input
                      type="email" class="form-control form-control-sm" id="email"
name="email"
                      aria-describedby="emailHelp" required
                 />
              </div>
              <div class="form-group">
                 <label for="password">Password</label>
                 <!-- Type is not password, so that can show password for
verification-->
                 <input class="form-control form-control-sm" id="password"
name="password"
                      oninput="verifyPassword();" onfocus="checklistVisible();"
required/>
                 ul id="checklist" style="display: none;" class="list-unstyled">
                  id="8-characters">Atleast 8 Character
                  id="low-upper-case">1 lowercase & amp; 1 uppercase
                  id="one-number">1 number (0-9)
                  id="one-special-char">1 Special Character.
                 </div>
              <button type="submit" class="btn btn-primary btn-block" value="">
                 Sign up
```

@import

```
</button>
               <script>
                function checklistVisible(){
                 document.getElementById("checklist").style.display = "block";
                }
                function verifyPassword() {
                  var password = document.getElementById("password").value;
                  // Minimum password length 8
                  if (password.length < 8)
                   document.getElementById("8-characters").style.color = "red";
                  else
                   document.getElementById("8-characters").style.color = "green";
                  // One Lower-case and one Upper-case character
                  if (password.match(/[a-z]/g) && password.match(/[A-Z]/g))
                   document.getElementById("low-upper-case").style.color =
"green";
                  else
                   document.getElementById("low-upper-case").style.color = "red";
                  // One number at least
                  if (password.match(/[0-9]/g))
                   document.getElementById("one-number").style.color = "green";
                   document.getElementById("one-number").style.color = "red";
                  // One special character
                  if (password.match(/[!@#$\%^* =+.?]/g))
                   document.getElementById("one-special-char").style.color =
"green";
                  else
                   document.getElementById("one-special-char").style.color =
"red";
               }
              </script>
            </form>
          </div>
       </div>
     </div>
```

```
</div>
</body>
</html>
```

Output:

