



Lab 04: Login del sistema

Desarrollas la pagina login.html que verifica la cuenta y la contraseña del usuario, utilizando las clases Usuario y ControlUsuario

Mostrar el mensaje Usuario Permitido , o Usuario Denegado en la interfaz

Enlace de GitHub: <https://github.com/JuanApazaG/Ing-de-software0.2.git>

Aquí esta el código de html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Login</title>
  <!-- Bootstrap CSS -->
  <link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.mi
n.css" rel="stylesheet">
</head>

<body>
  <div class="container">
    <div class="row justify-content-center mt-5">
      <div class="col-md-6">
        <div class="card">
          <div class="card-body">
            <h3 class="card-title text-center">Login</h3>
            <form id="loginForm">
              <div class="form-group">
                <label for="username">Username:</label>
                <input type="text" class="form-control"
id="username" required>
              </div>
              <div class="form-group">
                <label for="password">Password:</label>
                <input type="password" class="form-
control" id="password" required>
              </div>
              <button type="submit" class="btn btn-primary
btn-block">Login</button>
            </form>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```



```
</div>
</div>

<!-- jQuery, Popper.js, Bootstrap JS -->
<script src="https://code.jquery.com/jquery-
3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.mi
n.js"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.
js"></script>

<script>
  // User Control Class
  class UserControl {

    constructor() {
      this.apiUrl =
'https://script.google.com/macros/s/AKfycbzGIyiI4jmB7DskxrPPzLeIhmwQVNucB
xf9qyht3cDQox2Dp_7yr0a1LZR1YDeIlg5zu/exec';
      this.userList = [];
      this.fetchUserList();
    }

    fetchUserList() {
      fetch(this.apiUrl + '?ruta=usuarios')
        .then(response => response.json())
        .then(data => {
          this.userList = data.map(user => {
            return {
              username: user.Nombre,
              password: user.Clave
            };
          });
        })
        .catch(error => {
          console.error('Error fetching user list from
API:', error);
        });
    }

    isAccessAllowed(username, password) {
      return this.userList.some(user => user.username ===
username && user.password === password);
    }
  }

  // Create an instance of UserControl
```



```
const userControl = new UserControl();

// Event handler for form submission
document.getElementById("loginForm").addEventListener("submit",
function (event) {
    event.preventDefault(); // Prevent the form from being
submitted conventionally

    // Get the values of username and password
    const username = document.getElementById("username").value;
    const password = document.getElementById("password").value;

    // Check user access
    if (userControl.isAccessAllowed(username, password)) {
        alert("Access granted"); // Access granted message
        // Here you could redirect the user to another page or
perform other actions
    } else {
        alert("Access denied"); // Access denied message
    }
});
</script>

</body>

</html>
```

Aquí esta el resultado si ingresas correctamente el usuario y la contraseña

Trello here... F

127.0.0.1:5501 diz

Access granted

OK

Juan Jose Rodriguez

Password:

...

Login



Aquí esta el error que nos sale si agregamos un usuario que no existe

127.0.0.1:5501 diz

Access denied

OK

Juan Jose Rodriguez 12244

Password:

...

Login