

Assignment 1b

33218

Input:

```
function validateForm() {  
    var name = document.getElementById("Name").value;  
    var username = document.getElementById("Username").value;  
    var password = document.getElementById("Password").value;  
    var email = document.getElementById("Email").value;  
  
    if (  
        name === "" ||  
        username === "" ||  
        password === "" ||  
        email === ""  
    ) {  
        alert("Please fill in all required fields");  
        return false;  
    }  
  
    if (!name || !/^[a-zA-Z\s]+$/.test(name)) {  
        alert("Please enter a valid name with only letters");  
        return false;  
    }  
  
    if (email.indexOf("@") === -1 || email.indexOf(".") === -1) {  
        alert("Please enter a valid email address");  
        return false;  
    }  
  
    if (  
        !password ||  
        password.length < 8  
    ) {  
        alert(  
            "Please enter a valid password with at least 8 characters, one digit, and one special character"  
        );  
        return false;  
    }  
  
    return true;  
}
```

```

// script.js

document.addEventListener("DOMContentLoaded", function () {

    document.getElementById("registrationForm").addEventListener("submit", function (event) {

        event.preventDefault();

        if (validateForm()) {

            var name = document.getElementById("Name").value;

            var username = document.getElementById("Username").value;

            var password = document.getElementById("Password").value;

            var email = document.getElementById("Email").value;

            var gender = document.querySelector('input[name="Gender"]:checked') ?
document.querySelector('input[name="Gender"]:checked').value : "";

            var user = {

                name: name,

                username: username,

                password: password,

                email: email,

                gender: gender,

            };

            var xhr = new XMLHttpRequest();

            xhr.open("POST", "http://127.0.0.1:5500", true);

            xhr.setRequestHeader("Content-Type", "application/json");

            xhr.onreadystatechange = function () {

                if (xhr.readyState === 4 && xhr.status === 200) {

                    console.log(xhr.responseText);

                }

            };

            var userJSON = JSON.stringify(user);

            // Send the POST request with user data

            xhr.send(userJSON);

            var users = JSON.parse(localStorage.getItem("users")) || [];

            users.push(user);

            localStorage.setItem("users", JSON.stringify(users));

            window.location.href = "data-list.html";

        }

    });
});

```

```
});
```

Output :

The image shows two screenshots of a web browser. The top screenshot displays a 'Registration Form' with the following fields and values:

- Name*:** Nikhil Kailas Bhot
- Username*:** nikh123
- Email*:** nkbhot111@gmail.com
- Password*:** (masked with dots)
- Gender*:** ☒ Male, ☐ Female

Buttons for 'Submit' and 'Reset' are present, along with a link for 'Already have an account? Login'.

The bottom screenshot displays a 'User Data List' page with a table containing the following data:

ID	Name	Username	Email
	Nikhil Kailas Bhot	nikh123	nkbhot111@gmail.com

A red 'Clear All' button is located below the table.