

Experiment 7: JavaScript Validation for Name and Password

Objective

Implement JavaScript validation for the name and password fields of the registration form created in Experiment 6.

Implementation Details

Files

- [validation_name_pass.js](#): JavaScript validation script
- Connected to [reg_page.html](#) from Experiment 6

Validation Rules

Name Validation

- Minimum length: 3 characters
- Allowed characters: letters and spaces only
- Pattern: `^[a-zA-Z\s]+$`

Password Validation

- Minimum length: 8 characters
- Must contain at least:
 - One uppercase letter
 - One lowercase letter
 - One number
 - One special character (!@#\$%^&*)

Implementation

```
// Example validation function
function validateForm() {
  // Name validation
  if (fullname.length < 3) {
    alert('Name must be at least 3 characters long');
    return false;
  }

  // Password validation
  if (password.length < 8) {
    alert('Password must be at least 8 characters long');
    return false;
  }

  // Additional validation checks...
}
```