```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Hospital Management System - User Management</title>
href="https://cdnjs.cloudflare.com/ajax/libs/bootstrap/5.3.2/css/bootstrap.min.css"
rel="stylesheet">
    <style>
        .sidebar {
            min-height: 100vh;
            background-color: #2c3e50;
        }
        .sidebar .nav-link {
            color: #ecf0f1;
        .sidebar .nav-link:hover {
            background-color: #34495e;
        .form-error {
            color: #dc3545;
            font-size: 0.875rem;
            margin-top: 0.25rem;
    </style>
</head>
<body>
    <div class="container-fluid">
        <div class="row">
            <!-- Sidebar -->
            <div class="col-md-3 col-lg-2 sidebar p-3">
                <h4 class="text-white mb-4">Hospital MS</h4>
                <nav class="nav flex-column">
                    <a class="nav-link active" href="#dashboard">Dashboard</a>
                    <a class="nav-link" href="#users">Users</a>
                    <a class="nav-link" href="#patients">Patients</a>
                    <a class="nav-link" href="#doctors">Doctors</a>
                    <a class="nav-link" href="#settings">Settings</a>
                </nav>
            </div>
            <!-- Main Content -->
            <div class="col-md-9 col-lg-10 p-4">
                <h2 class="mb-4">User Management</h2>
                <!-- User Form -->
                <div class="card mb-4">
                    <div class="card-header">
                        Add New User
                    </div>
                    <div class="card-body">
                        <form id="userForm" novalidate>
                            <div class="row">
                                 <div class="col-md-6 mb-3">
                                     <label for="firstName" class="form-label">First
Name</label>
                                     <input type="text" class="form-control"</pre>
id="firstName" required>
```

```
<div class="form-error"></div>
                                 </div>
                                 <div class="col-md-6 mb-3">
                                     <label for="lastName" class="form-label">Last
Name</label>
                                     <input type="text" class="form-control"</pre>
id="lastName" required>
                                     <div class="form-error"></div>
                                 </div>
                             </div>
                             <div class="row">
                                 <div class="col-md-6 mb-3">
                                      <label for="email"
class="form-label">Email</label>
                                     <input type="email" class="form-control"</pre>
id="email" required>
                                      <div class="form-error"></div>
                                 </div>
                                 <div class="col-md-6 mb-3">
                                     <label for="role"
class="form-label">Role</label>
                                      <select class="form-select" id="role" required>
                                          <option value="">Select Role</option>
                                          <option value="admin">Admin</option>
                                          <option value="doctor">Doctor</option>
                                          <option value="nurse">Nurse</option>
                                          <option value="staff">Staff</option>
                                      </select>
                                      <div class="form-error"></div>
                                 </div>
                             </div>
                             <div class="row">
                                 <div class="col-md-6 mb-3">
                                     <label for="password" class="form-</pre>
label">Password</label>
                                     <input type="password" class="form-control"</pre>
id="password" required>
                                      <div class="form-error"></div>
                                 </div>
                                 <div class="col-md-6 mb-3">
                                      <label for="confirmPassword" class="form-</pre>
label">Confirm Password</label>
                                      <input type="password" class="form-control"</pre>
id="confirmPassword" required>
                                     <div class="form-error"></div>
                                 </div>
                             </div>
                             <button type="submit" class="btn btn-primary">Create
User</button>
                         </form>
                     </div>
                </div>
                <!-- Users Table -->
                <div class="card">
                     <div class="card-header">
                        User List
                     </div>
                     <div class="card-body">
```

```
<div class="table-responsive">
                        <thead>
                              Name
                                  Email
                                  Role
                                  Status
                                  Actions
                               </thead>
                           <!-- Sample data -->
                               John Doe
                                  john@example.com
                                  Doctor
                                  <span class="badge bg-
success">Active</span>
                                  <button class="btn btn-sm btn-
primary">Edit</button>
                                     <button class="btn btn-sm btn-
danger">Delete</button>
                                  </div>
                 </div>
             </div>
          </div>
      </div>
   </div>
   <script
src="https://cdnjs.cloudflare.com/ajax/libs/bootstrap/5.3.2/js/bootstrap.bundle.min
.js"></script>
   <script>
      document.getElementById('userForm').addEventListener('submit',
function(event) {
          event.preventDefault();
          if (validateForm()) {
             // Handle form submission
             console.log('Form submitted successfully');
          }
      });
      function validateForm() {
          let isValid = true;
          const fields = ['firstName', 'lastName', 'email', 'role', 'password',
'confirmPassword'];
          // Reset previous errors
          document.querySelectorAll('.form-error').forEach(error =>
error.textContent = '');
          fields.forEach(field => {
             const element = document.getElementById(field);
```

```
const errorElement = element.nextElementSibling;
                if (!element.value) {
                    isValid = false;
                    errorElement.textContent = ${field.charAt(0).toUpperCase() +
field.slice(1)} is required;
                    element.classList.add('is-invalid');
                } else {
                    element.classList.remove('is-invalid');
            });
            // Email validation
            const email = document.getElementById('email');
            if (email.value && !isValidEmail(email.value)) {
                isValid = false;
                email.nextElementSibling.textContent = 'Please enter a valid email
address';
                email.classList.add('is-invalid');
            }
            // Password validation
            const password = document.getElementById('password');
            const confirmPassword = document.getElementById('confirmPassword');
            if (password.value && password.value.length < 8) {</pre>
                isValid = false;
                password.nextElementSibling.textContent = 'Password must be at
least 8 characters long';
                password.classList.add('is-invalid');
            }
            if (password.value !== confirmPassword.value) {
                isValid = false;
                confirmPassword.nextElementSibling.textContent = 'Passwords do not
match';
                confirmPassword.classList.add('is-invalid');
            }
            return isValid;
        }
        function isValidEmail(email) {
            return /^[^\s@]+@[^\s@]+\.[^\s@]+$/.test(email);
    </script>
</body>
</html>
```