

```

<!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>
  <link
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"
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"
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"
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-
label">Password</label>
        <input type="password" class="form-control"
id="password" required>
        <div class="form-error"></div>
    </div>
    <div class="col-md-6 mb-3">
        <label for="confirmPassword" class="form-
label">Confirm Password</label>
        <input type="password" class="form-control"
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">

```

[illegible]

```

        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) {
        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>

```