

Experiment -3

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Section/Group: 24MCA1-A

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Subject Name: Front-End Technologies

Subject Code: 24CAH-655

- **Aim/Overview:**

- Create a login, signup, change password, forgot password form using different control and justify the utilization of the specific class of bootstrap.

- **Task to be done:**

- Setup Bootstrap: Integrate Bootstrap via CDN or locally.
- Create Login Form: Use form-control, input-group, and btn classes for styling.
- Create Signup Form: Use validation classes and form-floating for better UX.
- Create Change Password Form: Implement form-group with password visibility toggle.
- Create Forgot Password Form: Use alert for user guidance and password reset functionality.
- Make Forms Responsive: Utilize Bootstrap's grid system and container-fluid.
- Add Form Validation: Implement client-side validation using Bootstrap classes.

- **Code for experiment/practical:**

Login.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>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
  <div class="container mt-5">
    <div class="row justify-content-center">
      <div class="col-md-8">
        <div class="auth-form p-4 border border-primary shadow rounded">
          <h3 class="text-center">Login</h3>
```

```

        <input type="email"
        id="loginEmail" class="form-control mb-3"
        placeholder="Email">
        <input type="password" id="loginPassword" class="form-control mb-3" placeholder="Password">
        <button class="btn btn-primary w-100">Login</button>
        <div class="mt-3 text-center">
            <a href="signup.html">Sign Up</a> |
            <a href="forgot.html">Forgot Password?</a> |
            <a href="changepassword.html">Change Password</a>
        </div>
    </div>
</div>
</div>
</div>
</body>
</html>

```

Changepassword.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Change Password</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>

    <div class="container mt-5">
        <div class="row justify-content-center">
            <div class="col-md-6">
                <div class="auth-form p-4 border border-info rounded shadow">
                    <h3 class="text-center">Change Password</h3>
                    <input type="password" class="form-control mb-3" placeholder="Current Password">
                    <input type="password" class="form-control mb-3" placeholder="New Password">
                    <input type="password" class="form-control mb-3" placeholder="Confirm New Password">
                    <button class="btn btn-info w-100">Change Password</button>
                    <div class="mt-3 text-center">
                        <a href="login.html">Back to Login</a>
                    </div>
                </div>
            </div>
        </div>
    </div>
</body>

```

</html>

Signup.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Sign Up</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>

  <div class="container mt-5">
    <div class="row justify-content-center">
      <div class="col-md-6">
        <div class="auth-form p-4 border border-success rounded shadow">
          <h3 class="text-center">Sign Up</h3>
          <input type="text" class="form-control mb-3" placeholder="Full Name">
          <input type="email" class="form-control mb-3" placeholder="Email">
          <input type="password" class="form-control mb-3" placeholder="Password">
          <button class="btn btn-success w-100">Sign Up</button>
          <div class="mt-3 text-center">
            <a href="login.html">Back to Login</a>
          </div>
        </div>
      </div>
    </div>
  </div>
</body>
</html>
```

Forgot.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Forgot Password</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
```

```
<div class="container mt-5">
  <div class="row justify-content-center">
    <div class="col-md-6">
      <div class="auth-form p-4 border border-warning rounded shadow">
        <h3 class="text-center">Forgot Password</h3>
        <input type="email" class="form-control mb-3" placeholder="Email">
        <button class="btn btn-warning w-100">Reset Password</button>
        <div class="mt-3 text-center">
          <a href="login.html">Back to Login</a>
        </div>
      </div>
    </div>
  </div>
</div>
</body>
</html>
```

• **OUTPUT: -**

Login

Login

[Sign Up](#) | [Forgot Password?](#) | [Change Password](#)

Change Password

Change Password

[Back to Login](#)

Sign Up

Sign Up

[Back to Login](#)

Forgot Password

Reset Password

[Back to Login](#)

5. Learning outcomes (What I have learnt):

- **Bootstrap Form Controls:** Understanding form groups (form-group), input styling (form-control).
- **Bootstrap Grid System:** Using container, row, col-md-6 for responsiveness.
- **Form Validation & Feedback:** Using Bootstrap's is-invalid, invalid-feedback.
- **Buttons & Alerts:** Styling submit buttons (btn-primary, btn-danger) and showing user messages.
- **User Experience (UX) Best Practices:** Implementing a **clean UI** with proper spacing & feedback messages.

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.	Worksheet		8 Marks
2.	Viva		10 Marks
3.	Simulation		12 Marks
	Total		30 Marks

Teacher Signature |