Week 1, 2 and 3:

```html
<!DOCTYPE html>
<html>
<head>
  <title>Home Page</title>
</head>
<frameset rows="20%,*">
  <frame name="topFrame" src="header1.html" noresize></frame>
  <frameset cols="20%,*">
    <frame name="leftFrame" src="navigation1.html" noresize></frame>
    <frame name="mainFrame" src="welcome.html" noresize></frame> <!-- Right frame -->
  </frameset>
</frameset>
</html>
```

Header1.html
```html
<!DOCTYPE html>
<html>
  <head>
    <title>Header</title>
    <style>
      body{
        text-align: center;
        background-color: white;
        padding: 10px;
        margin: 0;
      }
      .logo{
        width: 100px;
        height: auto;
      }
      .title{
        font-family: Arial, sans-serif;
        color: blueviolet;
      }
    </style>
  </head>
  <body>
    <img src="C:\Users\HP\Downloads\u.jpg" alt="Logo" class="logo">
    <h1 class="Internship"></h1>
  </body>
</html>
```

navigation1.html

```html
<!DOCTYPE html>
<html>
  <head>
    <title>Navigstion Center</title>
  </head>
  <body style="background-color: aliceblue; padding: 10px;">
    <h3>Navigation</h3>
    <ul>
      <li><a href="login1.html" target="mainframe">Login</a></li>
      <li><a href="Registration1.html" target="mainframe">Registration</a></li>
      <li><a href="Forgot_Password1.html" target="mainframe">Forgot Password</a></li>
      <li><a href="Contact_Us1.html" target="mainframe">Contact Us</a></li>
    </ul>
  </body>
</html>
```

welcome.html

```html
<!DOCTYPE html>
<html>
<head>
  <title>Welcome</title>
  <style>
    body {
      text-align: center;
      margin: 0;
      padding: 20px;
      background-color: #f9f9f9;
    }
    img {
      max-width: 100%;
      height: auto;
    }
  </style>
</head>
<body>
  <h2>Welcome to My Application</h2>
  <p>Here is an image displayed in the right frame:</p>
  <img src="C:\Users\HP\Downloads\img.jpg" alt="Sample Image">
</body>
</html>
```

login1.html

```html
<!DOCTYPE html>
<html>
  <head>
    <h2>Login</h2>
    <form action="a" method="post">
      <label for="username">Username:</label><br>
      <input type="text" id="username" name="username" required><br><br>
      <label for="Password">Password:</label><br>
      <input type="password" id="password" name="password" required><br><br>
      <button type="submit">Submit</button>
      <p><a href="forgot_password1.html" target="_top">Forgot Password?</a></p>
      <p><a href="registration1.html" target="_top">Sign Up</a></p>
    </form>
  </head>
</html>
```

Registration1.html

```html
<!DOCTYPE html>
<html>
<head>
  <title>Registration</title>
</head>
<body>
  <h2>Registration</h2>
  <form action="#" method="post">
    <label for="username">Username:</label><br>
    <input type="text" id="username" name="username" required><br><br>
    <label for="password">Password:</label><br>
    <input type="password" id="password" name="password" required><br><br>
    <label for="confirm_password">Confirm Password:</label><br>
    <input type="password" id="confirm_password" name="confirm_password" required><br><br>
    <label for="email">Email:</label><br>
    <input type="email" id="email" name="email" required><br><br>
    <label for="mobile">Mobile Number:</label><br>
    <input type="tel" id="mobile" name="mobile" required><br><br>
    <label for="dob">Date of Birth:</label><br>
    <input type="date" id="dob" name="dob" required><br><br>
    <label for="address">Address:</label><br>
    <textarea id="address" name="address"></textarea><br><br>
    <label>Gender:</label><br>
    <input type="radio" id="male" name="gender" value="Male"> Male<br>
    <input type="radio" id="female" name="gender" value="Female"> Female<br><br>
    <button type="submit">Register</button>
  </form>
</body>
</html>
```

Forgot_Password1.html

```html
<!DOCTYPE html>
<html>
<head>
   <title>Forgot Password</title>
</head>
<body>
   <h2>Forgot Password</h2>
   <form action="#" method="post">
      <label for="email">Enter Your Email:</label><br>
      <input type="email" id="email" name="email" required><br><br>
      <button type="submit">Reset Password</button>
   </form>
</body>
</html>
```

Week 4:

```html
<!DOCTYPE html>
<html>
<head>
  <title>Home Page</title>
  <style>
    frameset {
      border: none;
    }
  </style>
  <script>
    function validateLogin() {
      var username = document.getElementById("loginUsername").value;
      var password = document.getElementById("loginPassword").value;

      if (username.length < 6) {
        alert("Username must be at least 6 characters long.");
        return false;
      }
      if (password.length < 8) {
        alert("Password must be at least 8 characters long.");
        return false;
      }
      return true;
    }

    function validateRegistration() {
      var username = document.getElementById("regUsername").value;
      var password = document.getElementById("regPassword").value;
      var confirmPassword = document.getElementById("regConfirmPassword").value;
      var email = document.getElementById("regEmail").value;
```

```
        var mobile = document.getElementById("regMobile").value;
        var emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
        var mobilePattern = /^[6-9]\d{9}$/;

        if (username.length < 6) {
            alert("Username must be at least 6 characters long.");
            return false;
        }
        if (password.length < 8) {
            alert("Password must be at least 8 characters long.");
            return false;
        }
        if (password !== confirmPassword) {
            alert("Passwords do not match.");
            return false;
        }
        if (!emailPattern.test(email)) {
            alert("Invalid email format.");
            return false;
        }
        if (!mobilePattern.test(mobile)) {
            alert("Mobile number must be 10 digits and start with 6-9.");
            return false;
        }
        return true;
    }
  </script>
</head>
<frameset rows="20% , 80%" border="0">
  <frame src="top.html" name="topFrame" noresize scrolling="no">
  <frameset cols="20% , 80%">
    <frame src="left.html" name="leftFrame" noresize scrolling="auto">
    <frame src="home_content.html" name="mainFrame" noresize scrolling="auto">
  </frameset>
</frameset>
</html>
```

Week 5:

XML
```
<?xml version="1.0" encoding="UTF-8"?>
<Users>
  <User id="1">
    <Username>alice</Username>
    <Email>alice@example.com</Email>
  </User>
</Users>
```

DTD
```
<!ELEMENT Users (User+)>
<!ELEMENT User (Username, Email)>
<!ATTLIST User id ID #REQUIRED>
<!ELEMENT Username (#PCDATA)>
<!ELEMENT Email (#PCDATA)>
```

XSL
```xml
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
   <xsl:template match="/">
     <html>
       <body>
         <table border="1">
           <tr><th>ID</th><th>Username</th><th>Email</th></tr>
           <xsl:for-each select="Users/User">
             <tr>
               <td><xsl:value-of select="@id"/></td>
               <td><xsl:value-of select="Username"/></td>
               <td><xsl:value-of select="Email"/></td>
             </tr>
           </xsl:for-each>
         </table>
       </body>
     </html>
   </xsl:template>
</xsl:stylesheet>
```

CALENDER

```html
<!DOCTYPE html>
<html>
<head>
   <title>Simple Calendar</title>
</head>
<body>
   <h1>July 2024</h1>
   <p>Sun Mon Tue Wed Thu Fri Sat</p>
   <p>  1  2  3  4  5  6</p>
   <p> 7  8  9 10 11 12 13</p>
   <p>14 15 16 17 18 19 20</p>
   <p>21 22 23 24 25 26 27</p>
   <p>28 29 30 31</p>
</body>
</html>
```

TIME TABLE

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Timetable</title>
    <style>
        table {
            width: 100%;
            border-collapse: collapse;
        }
        td, th {
            border: 1px solid black;
            padding: 5px;
            text-align: center;
        }
    </style>
</head>
<body>
    <table>
        <tr>
            <th>Time</th>
            <th>Mon</th>
            <th>Tue</th>
            <th>Wed</th>
            <th>Thu</th>
            <th>Fri</th>
        </tr>
        <tr>
            <td>8:00 AM - 9:00 AM</td>
            <td>Math</td>
            <td>Eng</td>
            <td>Science</td>
            <td>History</td>
            <td>Geog</td>
        </tr>
        <tr>
            <td>9:00 AM - 10:00 AM</td>
            <td>Physics</td>
            <td>Chem</td>
            <td>Math</td>
            <td>Art</td>
            <td>Bio</td>
        </tr>
    </table>
</body>
</html>
```