

Problem Statement 1

Spring 1 –

User Stories :-

1. As a student. I should be able to see the Welcome page of my application.
2. As a Student. I should be able to see a MENU bar and School logo
3. As a Student. I should be able to see my information after clicking Student Profile Button

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Spring Flowers School</title>

    <!-- Bootstrap CSS -->
    <link
        href="https://cdnjs.cloudflare.com/ajax/libs/bootstrap/5.3.2/css/bootstrap.min.css"
        rel="stylesheet">

    <style>
        /* Reset basic styles */
        * {
            margin: 0;
            padding: 0;
            box-sizing: border-box;
        }

        body {
            font-family: Arial, sans-serif;
            background-color: #f5f5f5;
        }

        /* Header with logo and menu - Using Flexbox */
        header {
            background-color: #646467;
            color: white;
            padding: 20px;
            box-shadow: 0 2px 5px rgba(0,0,0,0.1);
        }

        .header-content {
            max-width: 1200px;
            margin: 0 auto;
            display: flex;
            justify-content: space-between;
            align-items: center;
        }
    </style>

```

```
    flex-wrap: wrap;
    gap: 20px;
}

/* School Logo - Flexbox */
.logo {
    display: flex;
    align-items: center;
    gap: 15px;
}

.logo-icon {
    width: 60px;
    height: 60px;
    background-color: white;
    border-radius: 50%;
    display: flex;
    align-items: center;
    justify-content: center;
    font-size: 30px;
}

.school-name {
    font-size: 24px;
    font-weight: bold;
}

/* Menu Bar - Flexbox for responsive layout */
.menu {
    display: flex;
    gap: 10px;
    flex-wrap: wrap;
}

.menu button {
    background-color: white;
    color: #000000;
    border: none;
    padding: 12px 25px;
    font-size: 16px;
    cursor: pointer;
    border-radius: 5px;
    font-weight: bold;
    transition: all 0.3s;
}

.menu button:hover {
    background-color: #000000;
```

```
        color: white;
        transform: translateY(-2px);
    }

    /* Main Content Area */
main {
    max-width: 1200px;
    margin: 40px auto;
    padding: 20px;
}

/* Welcome Section */
.welcome-section {
    background-color: white;
    padding: 60px 40px;
    border-radius: 10px;
    text-align: center;
    box-shadow: 0 2px 10px rgba(0,0,0,0.1);
}

.welcome-section h1 {
    color: #000000;
    font-size: 48px;
    margin-bottom: 20px;
}

.welcome-section p {
    color: #000000;
    font-size: 20px;
    line-height: 1.6;
}

/* Student Profile Section - Flexbox */
.profile-section {
    display: none;
    background-color: white;
    padding: 40px;
    border-radius: 10px;
    box-shadow: 0 2px 10px rgba(0,0,0,0.1);
}

.profile-section.active {
    display: block;
}

.profile-section h2 {
    color: #333;
    margin-bottom: 30px;
```

```
        font-size: 32px;
        border-bottom: 3px solid #646467;
        padding-bottom: 10px;
    }

.profile-card {
    display: flex;
    gap: 30px;
    align-items: flex-start;
    flex-wrap: wrap;
}

.profile-picture {
    width: 150px;
    height: 150px;
    background-color: #646467;
    border-radius: 50%;
    display: flex;
    align-items: center;
    justify-content: center;
    color: white;
    font-size: 60px;
    font-weight: bold;
}

.profile-details {
    flex: 1;
    min-width: 300px;
}

.profile-details table {
    width: 100%;
    border-collapse: collapse;
}

.profile-details table tr {
    border-bottom: 1px solid #ddd;
}

.profile-details table td {
    padding: 15px;
    font-size: 16px;
}

.profile-details table td:first-child {
    font-weight: bold;
    color: #333;
    width: 200px;
}
```

```
}

/* Footer */
footer {
    text-align: center;
    padding: 20px;
    background-color: #646467;
    color: white;
    margin-top: 40px;
}

/* Mobile Responsive Styles */
@media (max-width: 768px) {
    .header-content {
        flex-direction: column;
        text-align: center;
    }

    .menu {
        justify-content: center;
    }

    .menu button {
        padding: 10px 15px;
        font-size: 14px;
    }

    .school-name {
        font-size: 20px;
    }

    .welcome-section h1 {
        font-size: 32px;
    }

    .welcome-section p {
        font-size: 16px;
    }

    .welcome-section {
        padding: 40px 20px;
    }

    .profile-section {
        padding: 20px;
    }

    .profile-section h2 {
```

```
        font-size: 24px;
    }

.profile-card {
    flex-direction: column;
    align-items: center;
    text-align: center;
}

.profile-picture {
    width: 120px;
    height: 120px;
    font-size: 50px;
}

.profile-details table td:first-child {
    width: 120px;
}

main {
    padding: 10px;
    margin: 20px auto;
}
}

@media (max-width: 480px) {
    .logo-icon {
        width: 50px;
        height: 50px;
        font-size: 24px;
    }

    .school-name {
        font-size: 18px;
    }

    .menu button {
        padding: 8px 12px;
        font-size: 13px;
    }

    .profile-details table td {
        padding: 10px;
        font-size: 14px;
    }
}
</style>
</head>
```

```
<body>
    <!-- Header with Logo and Menu -->
    <header>
        <div class="header-content">
            <!-- School Logo -->
            <div class="logo">
                <div class="logo-icon">✿</div>
                <div class="school-name">Spring Flowers School</div>
            </div>

            <!-- Menu Bar -->
            <nav class="menu">
                <button onclick="showHome()">Home</button>
                <button onclick="showProfile()">Student Profile</button>
            </nav>
        </div>
    </header>

    <!-- Main Content -->
    <main>
        <!-- Welcome Page -->
        <section id="welcome" class="welcome-section">
            <h1>Welcome to Spring Flowers School</h1>
            <p>Your journey to excellence starts here!</p>
            <p>We are committed to providing quality education and nurturing young minds.</p>
        </section>

        <!-- Student Profile Page -->
        <section id="profile" class="profile-section">
            <h2>Student Profile</h2>

            <div class="profile-card">
                <div class="profile-picture">RS</div>

                <div class="profile-details">
                    <table>
                        <tr>
                            <td>Full Name:</td>
                            <td>Raj Singh</td>
                        </tr>
                        <tr>
                            <td>Student ID:</td>
                            <td>SF-2024-001</td>
                        </tr>
                        <tr>
                            <td>Class:</td>
                            <td>12th Grade - Section A</td>
                        </tr>
                    </table>
                </div>
            </div>
        </section>
    </main>

```

```

        </tr>
        <tr>
            <td>Date of Birth:</td>
            <td>April 17, 2010</td>
        </tr>
        <tr>
            <td>Email:</td>
            <td>raj.singh@springflowers.edu</td>
        </tr>
        <tr>
            <td>Phone:</td>
            <td>+91 52648-97635</td>
        </tr>
        <tr>
            <td>Address:</td>
            <td>123 Main Street, Springfield, Chandigarh</td>
        </tr>
        <tr>
            <td>Parent/Guardian:</td>
            <td>Sartaj Singh</td>
        </tr>
    </table>
</div>
</div>
</section>
</main>

<!-- Footer --&gt;
&lt;footer&gt;
    &lt;p&gt;&amp;copy; 2025 Spring Flowers School. All Rights Reserved.&lt;/p&gt;
&lt;/footer&gt;

<!-- Bootstrap JS --&gt;
&lt;script
src="https://cdnjs.cloudflare.com/ajax/libs/bootstrap/5.3.2/js/bootstrap.bundle.min.js"&gt;&lt;/script&gt;

<!-- JavaScript for Navigation --&gt;
&lt;script&gt;
    function showHome() {
        document.getElementById('welcome').style.display = 'block';
        document.getElementById('profile').classList.remove('active');
    }

    function showProfile() {
        document.getElementById('welcome').style.display = 'none';
        document.getElementById('profile').classList.add('active');
    }
&lt;/script&gt;
</pre>

```

```
</script>
</body>
</html>
```

Below is the output of the code as mention in Problem Statement 1

The screenshot shows the homepage of the Spring Flowers School website. At the top, there is a dark header bar with the school's logo (a pink flower icon) and the text "Spring Flowers School". To the right of the logo are two buttons: "Home" and "Student Profile". The main content area has a white background. It features a large, bold heading "Welcome to Spring Flowers School" and a subtext "Your journey to excellence starts here!". Below this, a smaller text states, "We are committed to providing quality education and nurturing young minds." At the bottom of the page, there is a dark footer bar with the copyright notice "© 2025 Spring Flowers School. All Rights Reserved."

The screenshot shows the "Student Profile" page of the website. At the top, there is a dark header bar with the school's logo and the text "Spring Flowers School". To the right of the logo are two buttons: "Home" and "Student Profile". The main content area has a white background. It features a heading "Student Profile" above a table. The table contains the following information:

Full Name:	Raj Singh
Student ID:	SF-2024-001
Class:	12th Grade - Section A
Date of Birth:	April 17, 2010
Email:	raj.singh@springflowers.edu
Phone:	+91 52648-97635
Address:	123 Main Street, Springfield, Chandigarh
Parent/Guardian:	Sartaj Singh

At the bottom of the page, there is a dark footer bar with the copyright notice "© 2025 Spring Flowers School. All Rights Reserved."