� Case Study: Building a Simple Nursery Landing Page in React

� Objective

The goal of this case study is to teach beginners how to structure a React application using components and style them with CSS.
We will build a Nursery Landing Page that has:

• **Header Component** → *Displays the nursery name.*

• **First Component (Main Content)** → *Shows a welcome message, a dropdown for selecting location, and a list of flowers.*

• **Footer Component** → *Displays copyright.*

React\my-nursery-app\src\components\Header.js

```
import React from 'react'
import '../Header.css'


const Header = () => {
  return (
    <div className='Header'>
        <h2>My Nursery Application</h2>
    </div>
  )
}


export default Header
```

React\my-nursery-app\src\Header.css

```css
.Header{
    display:flex;
    flex-direction: column;
    align-items: center;
    background-color: darkgreen;
    color: white;
    padding: 10px;
}
```

React\my-nursery-appsrc\components\First.js

```javascript
import React from 'react'
import '../First.css'

const flowers = ["Rose", "Lily", "Tulip", "Sunflower", "Jasmine"]

const First = () => {
  return (
    <div className='container'>
      <h3 style={{color:"darkgreen"}}>Creating the Nursery Page</h3>
      <p>A welcome message to the nursery landing page.</p>

      <label>Select a Location: </label>
      <select>
        <option selected>--Select--</option>
        <option value="Chennai">Chennai</option>
        <option value="Bangalore">Bangalore</option>
        <option value="Mumbai">Mumbai</option>
        <option value="Delhi">Delhi</option>
      </select>
      <br />
      <label>Flowers List:</label>
      <ul>
        {flowers.map((flower)=>(
          <li id={flower} style={{color:"darkgreen"}}><b>{flower}</b></li>
        ))}
      </ul>
    </div>
  )
}

export default First
```

React\my-nursery-app\src\First.css

```css
.container{
    background-color: rgb(190, 239, 190);
    border: 4px solid black;
    border-radius: 5px;
    display:flex;
```

```css
    flex-direction: column;
    align-items: center;
}
select{
    padding: 5px;
    margin: 5px;
    border: 1px solid black;
    border-radius: 10px;
}
```

React\my-nursery-app\src\components\Footer.js

```javascript
import React from 'react'
import '../Footer.css'

const Footer = () => {
  return (
    <div className='Footer'>
        <p>&copy; 2025 My Nursery App | All Rights Reserved</p>
    </div>
  )
}

export default Footer
```

React\my-nursery-app\src\Footer.css

```css
.Footer{
    background-color: black;
    color: white;
    display:flex;
    flex-direction: column;
    align-items: center;
    padding: 1px;
}
```

React\my-nursery-app\src\App.js

```javascript
import First from "./components/First";
import Footer from "./components/Footer";
import Header from "./components/Header";
```

```
function App() {
  return (
    <div>
      <Header />
      <First />
      <Footer />
    </div>
  );
}
export default App;
```