

## Sign In and Sign Up Forms

1. Now we will make sign in & sign up form :

For the form's fields of this component we will have one piece of state **formData** that will be an object with all fields

```
const [formData, setFormData] = useState({
  email: '',
  password: ''
})
const {email, password} = formData
```

Then if we want to use them anywhere we can destructure them ;

### Understanding whole Sign in component

```
import { useState } from 'react';
import { Link, useNavigate } from 'react-router-dom';
import { ReactComponent as ArrowRightIcon } from '../assets/svg/keyboardArrowRightIcon.svg';
import visibilityIcon from '../assets/svg/visibilityIcon.svg';

const SignIn = () => {
  const [showPassword, setShowPassword] = useState(false);
  const [formData, setFormData] = useState({
    email: '',
    password: '',
  });
  const { email, password } = formData;

  const navigate = useNavigate();
  const onChange = (e) => {
    setFormData((prevState) => ({
      ...prevState,
      [e.target.id]: e.target.value,
    }));
  };
};
```

1. formData state me ham ne dono inputs ka state rakh dia ha , or bad me use k liye usko destructure kr lia ha ,
2. on change me ham ne prevState lia usko spread out kia , [e.target.id] me hamko email ya password milay ga q k ham ne un dono ki id yehi rakhi ha or value se value milay gi .

```

22   return (
23     <
24       <div className='pageContainer'>
25         <header>
26           <p className='pageHeader'>Welcome Back !</p>
27         </header>
28
29         <main>
30           <form>
31             <input type='email' className='emailInput'
32               placeholder='Enter Your Email' id='email' value={email} onChange={onChange} />
33
34             <div className='passwordInputDiv'>
35               <input type={showPassword ? 'text' : 'password'} className='passwordInput'
36                 placeholder='Enter Password' id='password' value={password} onChange={onChange} />
37
38               <img src={visibilityIcon} alt='Show'
39                 className='showPassword' onClick={(prevState) => !prevState} />
40
41             </div>

```

L#35, L#39

```

43       <Link to='/forgot-password' className='forgotPasswordLink'>
44         Forgot Password
45       </Link>
46
47       <div className="signInBar">
48         <p className="signInText">
49           Sign In
50         </p>
51         <button className='signInButton'>
52           <ArrowRightIcon fill='#ffffff' height='34px' width="34px"/>
53         </button>
54       </div>
55
56     </form>
57
58     { /* Google Sign In */ }
59
60     <Link to="/sign-up" className='registerLink'>Sign Up Instead !</Link>
61   </main>
62 </div>
63 </>

```

Now is compt ki CSS dekh lo:

```
28 .input,
29 .passwordInput,
30 .emailInput,
31 .nameInput,
32 .textarea {
33     box-shadow: 0 0 0 0.11px rgba(0, 0, 0, 0.11);
34     border: none;
35     background-color: #ffffff;
36     border-radius: 3rem;
37     height: 3rem;
38     width: 100%;
39     outline: none;
40     font-family: 'Montserrat', sans-serif;
41     padding: 0 3rem;
42     font-size: 1rem;
43 }
44 @media (min-width: 1100px) {
45     .input,
46     .passwordInput,
47     .emailInput,
48     .nameInput,
49     .textarea {
50         padding: 0 5rem;
51     }
```

```
187 .nameInput {
188     margin-bottom: 2rem;
189     background: url('./assets/svg/badgeIcon.svg') □ #ffffff 2.5% center no-repeat;
190 }
191
192 .emailInput {
193     margin-bottom: 2rem;
194     background: url('./assets/svg/personIcon.svg') □ #ffffff 2.5% center no-repeat;
195 }
196
197 .passwordInputDiv {
198     position: relative;
199 }
200
201 .passwordInput {
202     margin-bottom: 2rem;
203     background: url('./assets/svg/lockIcon.svg') □ #ffffff 2.5% center no-repeat;
204 }
205
206 .showPassword {
207     cursor: pointer;
208     position: absolute;
209     top: -4%;
210     right: 1%;
211     padding: 1rem;
```

Password & Email me jo icons hen wo css se diye gaye hen !

PasswordInputDiv ko relative is liye dia ha ta k usme mojood showpassword k icon ko absolute dia ja sky!

```

206 .showPassword {
207     cursor: pointer;
208     position: absolute;
209     top: -4%;
210     right: 1%;
211     padding: 1rem;
212 }
213
214 .forgotPasswordLink {
215     cursor: pointer;
216     color: #00ccc66;
217     font-weight: 600;
218     text-align: right;
219 }
220
221 .signInBar,
222 .signUpBar {
223     margin-top: 3rem;
224     display: flex;
225     justify-content: space-between;
226     align-items: center;
227     position: inherit;
228 }

```

Min-width ka matlab ye ha k agar 1024px se wide screen ho to ye styles apply ho jaye !

Same Sign Up ka form bana lo , usme thori se changes krke bus !

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