**Api.js:**

import axios from 'axios';

const BASE\_URL = "http://localhost:8082/api/members";

// Add a child

export const addChild = (*parentId*, *username*, *password*) => {

  return axios.post(`${BASE\_URL}/add`, {

    parentId,

    username,

    password

  }, { withCredentials: true });

};

// Fetch children for a parent

export const getChildren = (*parentId*) => {

  return axios.get(`${BASE\_URL}/parent/${*parentId*}/children`, { withCredentials: true });

};

// Child login

export const loginChild = (*username*, *password*) => {

  return axios.post(`${BASE\_URL}/child/login`, { username, password });

};

**Component:**

**AddChildForm.js:**

import React, { useState } from 'react';

import { addChild } from '../Api/api';

function AddChildForm({ *parentId*, *onChildAdded* }) {

  const [username, setUsername] = useState('');

  const [password, setPassword] = useState('');

  const handleSubmit = async (*e*) => {

*e*.preventDefault();

    try {

      const response = await addChild(*parentId*, username, password);

      alert(`Child added successfully! ID: ${response.data.id}`);

      setUsername('');

      setPassword('');

      if (*onChildAdded*) onChildAdded(); // refresh child list

    } catch (error) {

      console.error(error);

      alert('Error adding child.');

    }

  };

  return (

    <form *onSubmit*={handleSubmit}>

      <h2>Add Child</h2>

      <div>

        <label>Child Username: </label>

        <input *type*="text" *value*={username} *onChange*={*e* => setUsername(*e*.target.value)} *required* />

      </div>

      <div>

        <label>Password: </label>

        <input *type*="password" *value*={password} *onChange*={*e* => setPassword(*e*.target.value)} *required* />

      </div>

      <button *type*="submit">Add Child</button>

    </form>

  );

}

export default AddChildForm;

**ChildList:**

import React, { useEffect, useState } from 'react';

import { getChildren } from '../Api/api';

function ChildList({ *parentId*, *refreshTrigger* }) {

  const [children, setChildren] = useState([]);

  const fetchChildren = async () => {

    try {

      const response = await getChildren(*parentId*);

      setChildren(response.data);

    } catch (err) {

      console.error(err);

    }

  };

  useEffect(() => {

    fetchChildren();

  }, [*parentId*, *refreshTrigger*]);

  if (!children.length) return <p>No children added yet.</p>;

  return (

    <div>

      <h3>My Children</h3>

      <ul>

        {children.map(*child* => (

          <li *key*={*child*.id}>{*child*.username} (ID: {*child*.id})</li>

        ))}

      </ul>

    </div>  );

}

export default ChildList;

**ChildLoginForm:**

import React, { useState } from 'react';

import { loginChild } from '../Api/api';

function ChildLoginForm({ *onLoginSuccess* }) {

  const [username, setUsername] = useState('');

  const [password, setPassword] = useState('');

  const handleLogin = async (*e*) => {

*e*.preventDefault();

    try {

      const response = await loginChild(username, password);

      alert(`Welcome ${response.data.childUsername}! Parent: ${response.data.parentUsername}`);

      if (*onLoginSuccess*) onLoginSuccess(response.data); // store session or redirect

    } catch (err) {

      console.error(err);

      alert('Invalid credentials');

    }

  };

  return (

    <form *onSubmit*={handleLogin}>

      <h2>Child Login</h2>

      <div>

        <label>Username: </label>

        <input *value*={username} *onChange*={*e* => setUsername(*e*.target.value)} *required* />

      </div>

      <div>

        <label>Password: </label>

        <input *type*="password" *value*={password} *onChange*={*e* => setPassword(*e*.target.value)} *required* />

      </div>

      <button *type*="submit">Login</button>

    </form>

  );

}

export default ChildLoginForm;