**14. ReactJS-HOL**

**Employee.js:**

class Employee {

    constructor(id, name, email, phone){

        this.id=id;

        this.name=name;

        this.email=email;

        this.phone=phone;

    }

}

const EmployeesData=[

    new Employee(101,'Jojo','jojo@congizant.com','98238971234'),

    new Employee(102,'Sam','sam@congizant.com', '9981184126'),

    new Employee(103,'Elisa','elisa@cognizant.com','9989389735')

];

export default Employee;

export {EmployeesData};

**EmployeeCard.js:**

import { useContext } from 'react';

import ThemeContext from './ThemeContext';

import Styles from './EmployeeCard.module.css';

function EmployeeCard(props) {

  const theme = useContext(ThemeContext);

  return (

    <div className={Styles.Card}>

      <h3>{props.employee.name}</h3>

      <p>{props.employee.email}</p>

      <p>{props.employee.phone}</p>

      <p>

        <button className={theme}>Edit</button>

        <button className={theme}>Delete</button>

      </p>

    </div>

  );

}

export default EmployeeCard;

**EmployeeCard.module.css:**

.Card{

    display: inline-block;

    width: 25%;

    border:1px solid #999;

    border-radius: 5px;

    margin:10px;

    padding:10px;

}

**EmployeesList.js:**

import EmployeeCard from './EmployeeCard';

function EmployeesList(props) {

    return (

        <div>

            <h1>Employees List</h1>

            {

                props.employees.map(employee =>

                    <EmployeeCard employee={employee} key={employee.id} />

                )

            }

        </div>

    );

}

export default EmployeesList;

**ThemeContext.js:**

import { createContext } from 'react';

const ThemeContext = createContext('light');

export default ThemeContext;

**App.js:**

import './App.css';

import { EmployeesData } from './Employee';

import EmployeesList from './EmployeesList';

import { useState } from 'react';

import ThemeContext from './ThemeContext';

function App() {

  const Employees = EmployeesData;

  const [theme, setTheme] = useState('light');

  return (

    <ThemeContext.Provider value={theme}>

      <>

        <div>

          <label>SELECT A THEME </label>

          <select onChange={(e) => setTheme(e.target.value)}>

            <option value='light'>Light</option>

            <option value='dark'>Dark</option>

          </select>

        </div>

        <EmployeesList employees={Employees} />

      </>

    </ThemeContext.Provider>

  );

}

export default App;

**App.css:**

button.dark, button.light {

  border: none;

  cursor: pointer;

  margin: 3px 5px;

  padding: 5px 10px;

  border-radius: 3px;

  font-size: 1rem;

}

button.dark {

  background-color: #333;

  color: #eee;

}

button.light {

  background-color: #eee;

  color: #333;

}

**Output:**



