

유다현 과제

2022-04-26

App.js

```
import React from "react";

import { Link, Routes, Route } from "react-router-dom";

import Department from "../pages/Department";
import Student from "../pages/Student";
import Professor from "../pages/Professor";

function App() {
  return (
    <div>
      <nav>
        <Link to="/department">[학과목록]</Link>&nbsp;|&nbsp;&nbsp;
        <Link to="/professor">[교수목록]</Link>&nbsp;|&nbsp;&nbsp;
        <Link to="/student">[학생목록]</Link>
      </nav>
      <Routes>
        <Route path="/department" element={<Department />} />
        <Route path="/professor" element={<Professor/>} />
        <Route path="/student" element={<Student/>} />
      </Routes>
    </div>
  );
}

export default App;
```

/pages/Department.js

```
import React from "react";

import data from "../component/Data";
import DepartmentSub from "../component/DepartmentSub";

const Department = () => {
  const {department} = data;
  // console.log(department);
```

```

    return (
      <table border="1">
        <thead align="center">
          <td>학과번호</td>
          <td>학과이름</td>
          <td>위치</td>
        </thead>
        <tbody>
          {department.map((v, i) => {
            return <DepartmentSub key={i} id={v.id} dname={v.dname} loc=
{v.loc} />
          })}
        </tbody>
      </table>
    );
  };

export default Department;

```

/component/DepartmentSub.js

```

import React from "react";
import PropTypes from "prop-types";

const ProfessorSub = ({ id, name, userid, position, sal, hiredate, comm,
deptno }) => {
  return (
    <tr>
      <td>{id}</td>
      <td>{name}</td>
      <td>{userid}</td>
      <td>{position}</td>
      <td>{sal}</td>
      <td>{hiredate.substring(0,10)}</td>
      <td>{comm}</td>
      <td>{deptno}</td>
    </tr>
  );
};

export default ProfessorSub;

```

/pages/Professor.js

```
import React from "react";

import data from "../component/Data";
import ProfessorSub from "../component/ProfessorSub";

const Professor = () => {
  const { professor } = data;
  console.log(professor.deptno);
  return (
    <table border="1">
      <thead align="center">
        <td>고유번호</td>
        <td>교수이름</td>
        <td>아이디</td>
        <td>직책</td>
        <td>급여</td>
        <td>입사일</td>
        <td>보직수당</td>
        <td>소속학과번호</td>
      </thead>
      <tbody>
        {professor.map((v,i)=>{
          return <ProfessorSub key={i}
            id={v.id} name={v.name} userid={v.userid}
            position={v.position} sal={v.sal} hiredate={v.hiredate}
            comm={v.comm} deptno={v.deptno}/>
        })}
      </tbody>
    </table>
  );
};

export default Professor;
```

/component/ProfessorSub.js

```
import React from "react";

const ProfessorSub = ({ id, name, userid, position, sal, hiredate, comm, deptno }) => {
  return (
    <tr>
      <td>{id}</td>
      <td>{name}</td>
      <td>{userid}</td>
```

```

        <td>{position}</td>
        <td>{sal}</td>
        <td>{hiredate.substring(0,10)}</td>
        <td>{comm}</td>
        <td>{deptno}</td>

    </tr>
  );
};

export default ProfessorSub;

```

/pages/Student.js

```

import React from 'react';

import data from "../component/Data";
import StudentSub from "../component/StudentSub";

const Student = () => {
  const {student} = data;
  return(
    <table border="1">
      <thead align="center">
        <td>번호</td>
        <td>이름</td>
        <td>아이디</td>
        <td>학년</td>
        <td>주민등록번호</td>
        <td>생년월일</td>
        <td>전화번호</td>
        <td>키</td>
        <td>몸무게</td>
        <td>소속학과번호</td>
        <td>담당교수번호</td>
      </thead>
      <tbody>
        {student.map((v,i)=>{
          return <StudentSub key={i}
            id={v.id} name={v.name}
            userid={v.userid} grade={v.grade}
            idnum={v.idnum} birthdate={v.birthdate}
            tel={v.tel} height={v.height} weight={v.weight}
            deptno={v.deptno} profno={v.profno}
          />

```

```

    }}}
  </tbody>
</table>

);
};

export default Student;

```

/component/StidentSub.js

```

import React from "react";

const StudentSub = ({ id, name, userid
,grade,idnum,birthdate,tel,height,weight,deptno,profno}) => {
  return (
    <tr>
      <td>{id}</td>
      <td>{name}</td>
      <td>{userid}</td>
      <td>{grade}</td>
      <td>{idnum.substring(0,7)+"-*****"}</td>
      <td>{birthdate.substring(0,10)}</td>
      <td>{tel}</td>
      <td>{height}</td>
      <td>{weight}</td>
      <td>{deptno}</td>
      <td>{profno}</td>
    </tr>
  );
};

export default StudentSub;

```

localhost:3000/department

[학과목록] | [교수목록] | [학생목록]

| 학과번호 | 학과이름 | 위치 |
|------|---------|-----|
| 101 | 컴퓨터공학과 | 1호관 |
| 102 | 멀티미디어학과 | 2호관 |
| 201 | 전자공학과 | 3호관 |
| 202 | 기계공학과 | 4호관 |

localhost:3000/professor

[학과목록] | [교수목록] | [학생목록]

| 교유번호 | 교수이름 | 아이디 | 직책 | 급여 | 입사일 | 보직수당 | 소속학과번호 |
|------|------|----------|------|-----|------------|------|--------|
| 9901 | 김도훈 | capool | 교수 | 500 | 1982-06-11 | 20 | 101 |
| 9902 | 이재우 | sweat413 | 조교수 | 320 | 1995-04-11 | | 201 |
| 9903 | 상연희 | pascal | 조교수 | 360 | 1993-03-16 | 15 | 101 |
| 9904 | 염일웅 | blue77 | 전임강사 | 240 | 1998-10-10 | | 102 |
| 9905 | 권혁일 | refresh | 교수 | 450 | 1986-02-10 | 25 | 102 |
| 9906 | 이만식 | pocari | 부교수 | 420 | 1988-07-10 | | 101 |
| 9907 | 전은지 | totoro | 전임강사 | 210 | 2001-05-10 | | 101 |
| 9908 | 남은혁 | bird13 | 부교수 | 400 | 1990-10-17 | 17 | 202 |

localhost:3000/student

[학과목록] | [교수목록] | [학생목록]

| 번호 | 이름 | 아이디 | 학년 | 주민등록번호 | 생년월일 | 전화번호 | 키 | 몸무게 | 소속학과번호 | 담당교수번호 |
|-------|-----|----------|----|---------------|------------|--------------|-----|-----|--------|--------|
| 10101 | 전인하 | jun123 | 4 | 7907021-***** | 1979-07-01 | 051)781-2158 | 176 | 72 | 101 | 9903 |
| 10102 | 박미경 | ansel414 | 1 | 8405162-***** | 1984-05-15 | 055)261-8947 | 168 | 52 | 101 | |
| 10103 | 김영균 | mandu | 3 | 8103211-***** | 1981-03-20 | 051)824-9637 | 170 | 88 | 101 | 9906 |
| 10104 | 지은경 | gomo00 | 2 | 8004122-***** | 1980-04-11 | 055)418-9627 | 161 | 42 | 101 | 9907 |
| 10105 | 임유진 | youjin12 | 2 | 8301212-***** | 1983-01-20 | 02)312-9838 | 171 | 54 | 101 | 9907 |
| 10106 | 서재진 | seolly | 1 | 8511291-***** | 1985-11-28 | 051)239-4861 | 186 | 72 | 101 | |
| 10107 | 이광훈 | huriky | 4 | 8109131-***** | 1981-09-12 | 055)736-4981 | 175 | 92 | 101 | 9903 |
| 10108 | 류민정 | cleansky | 2 | 8108192-***** | 1981-08-18 | 055)248-3679 | 162 | 72 | 101 | 9907 |
| 10201 | 김진영 | simply | 2 | 8206062-***** | 1982-06-05 | 055)419-6328 | 164 | 48 | 102 | 9905 |
| 10202 | 오유석 | yousuk | 4 | 7709121-***** | 1977-09-11 | 051)724-9618 | 177 | 92 | 102 | 9905 |
| 10203 | 하니라 | hanal | 1 | 8501092-***** | 1985-01-08 | 055)296-3784 | 160 | 68 | 102 | |
| 10204 | 윤진욱 | samba7 | 3 | 7904021-***** | 1979-04-01 | 053)487-2698 | 171 | 70 | 102 | 9905 |
| 20101 | 이동훈 | dals | 1 | 8312101-***** | 1983-12-09 | 055)426-1752 | 172 | 64 | 201 | |
| 20102 | 박동진 | ping2 | 1 | 8511241-***** | 1985-11-23 | 051)742-6384 | 182 | 70 | 201 | |
| 20103 | 김진경 | lovely | 2 | 8302282-***** | 1983-02-27 | 052)175-3941 | 166 | 51 | 201 | 9902 |
| 20104 | 조명훈 | rader214 | 1 | 8412141-***** | 1984-12-13 | 02)785-6984 | 184 | 62 | 201 | |