NAVER

2022.05.23 이승아

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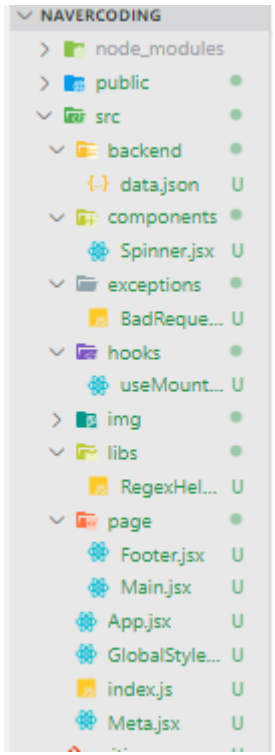
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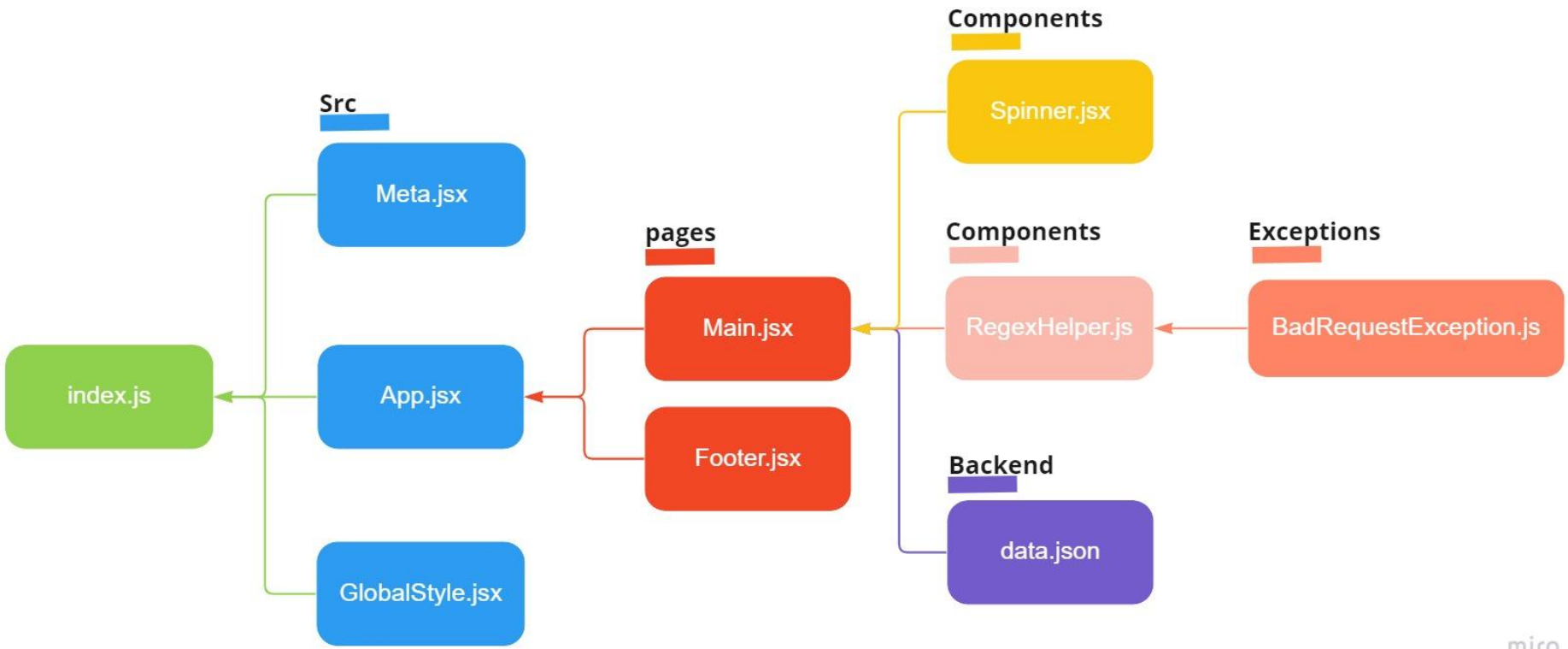
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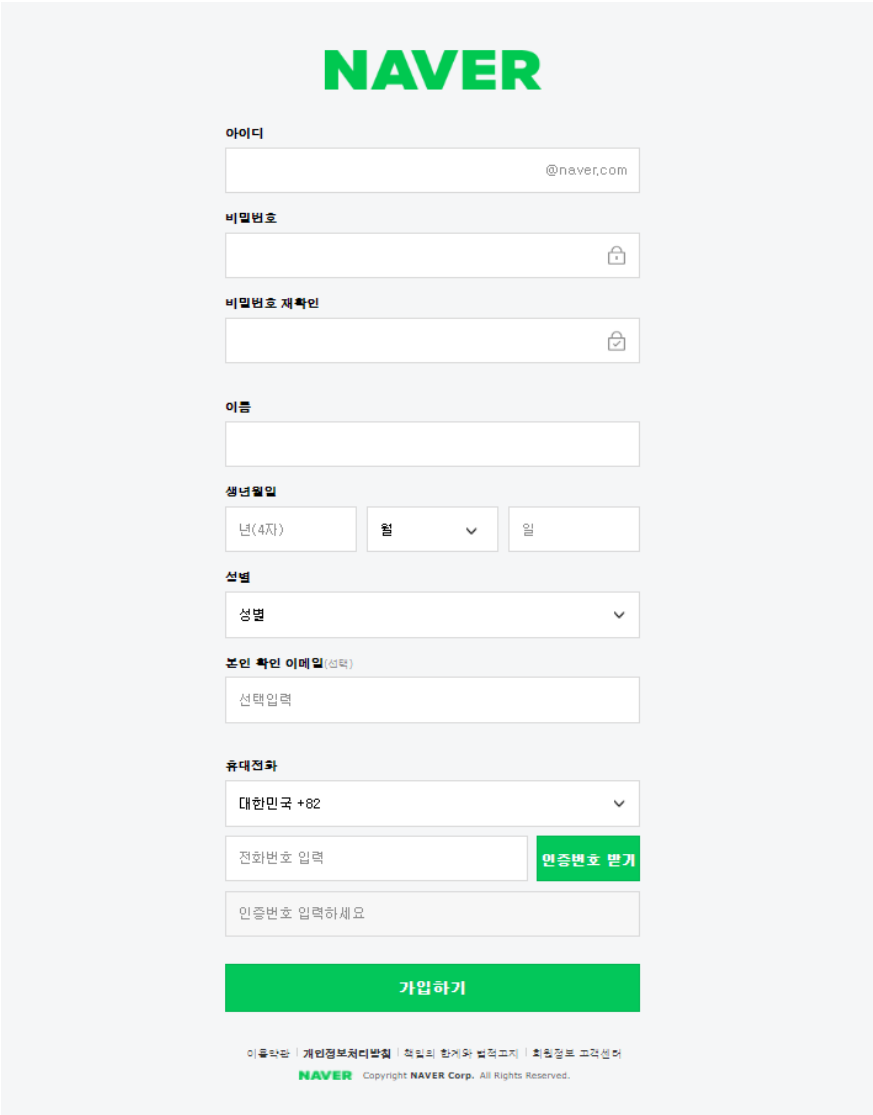
원본페이지



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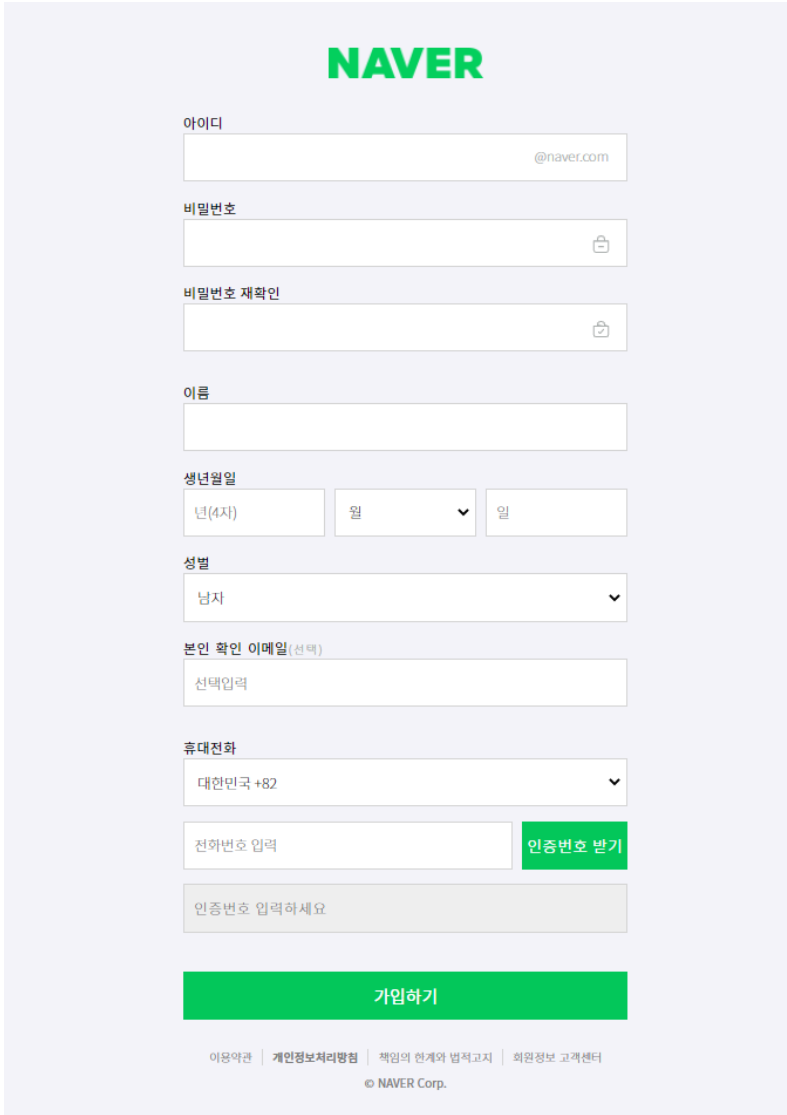


세부 페이지 결과

네이버 로고

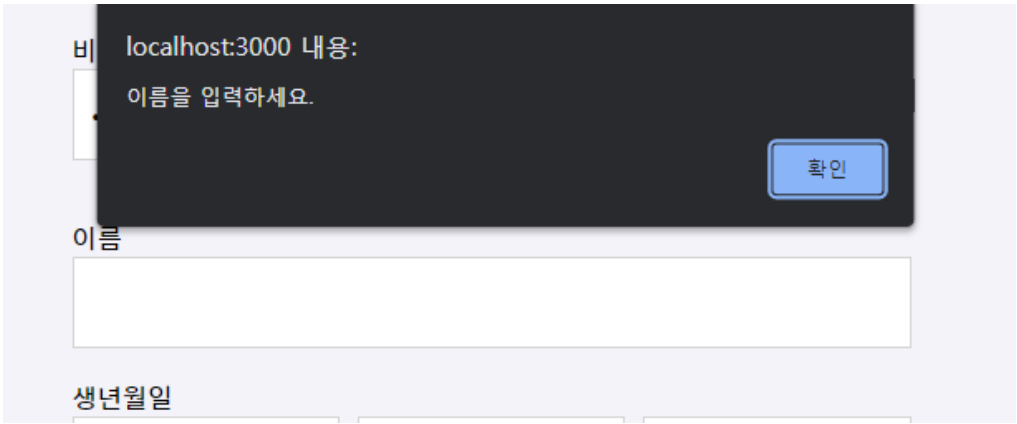
NAVER

아이디 구현

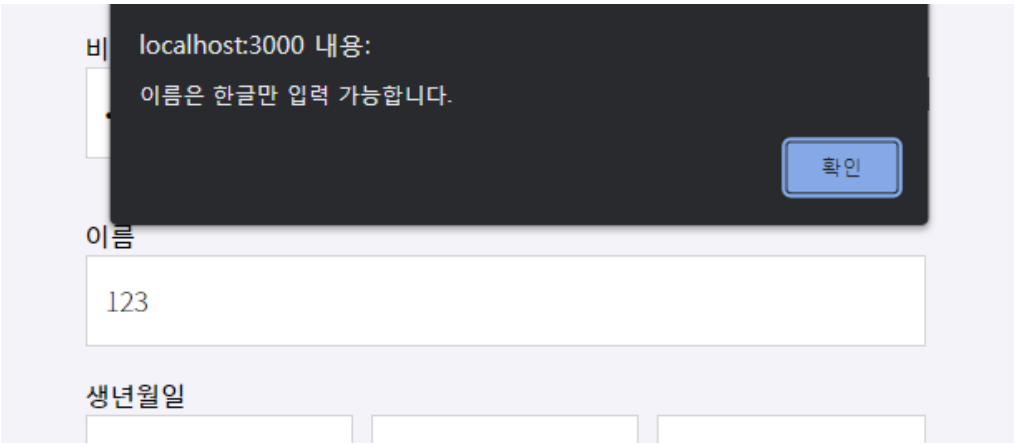
아이디

@naver.com

정규표현식 검사



정규표현식 검사



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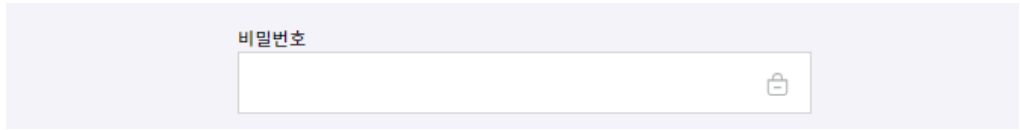
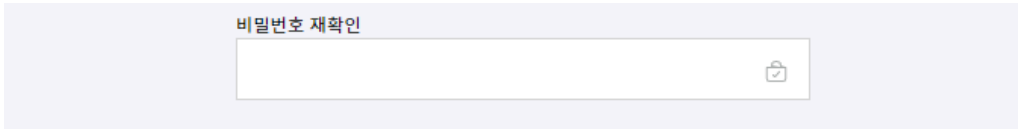
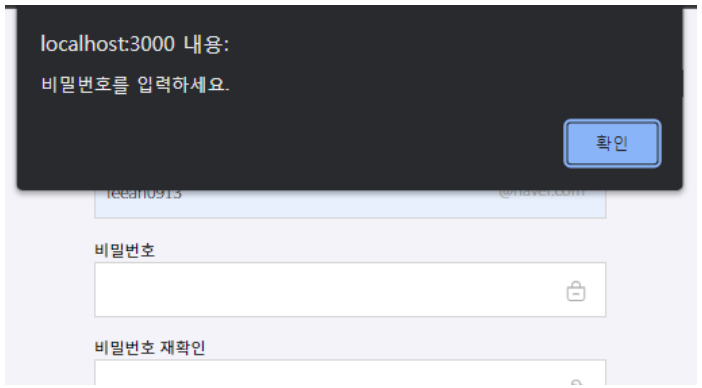
비밀번호 구현



비밀번호 재확인 구현



정규표현식 검사



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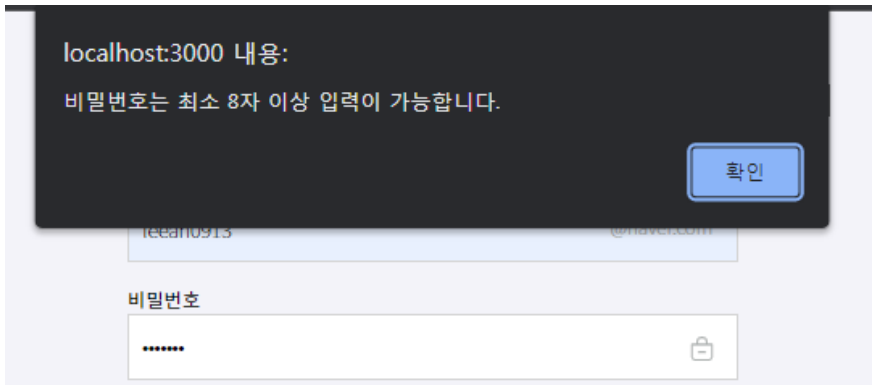

정규표현식 검사

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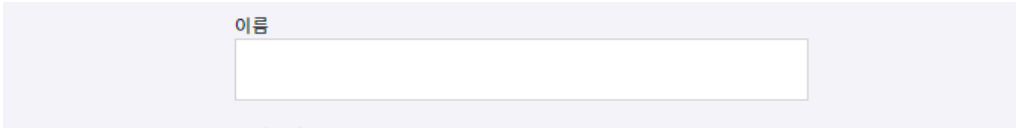
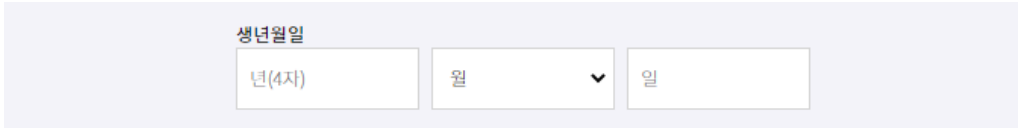


생년월일 구현



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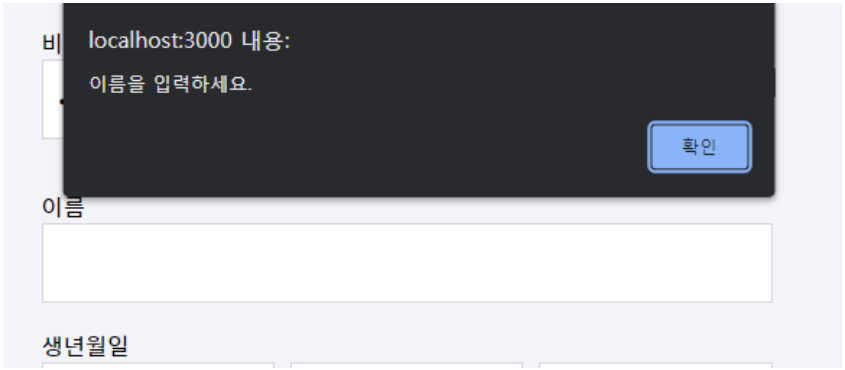

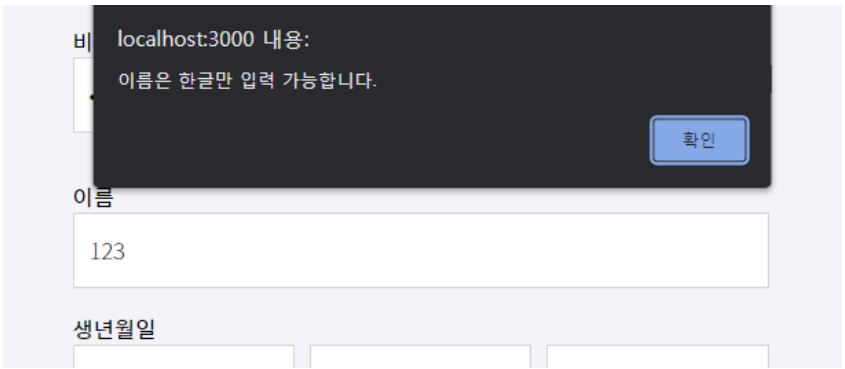

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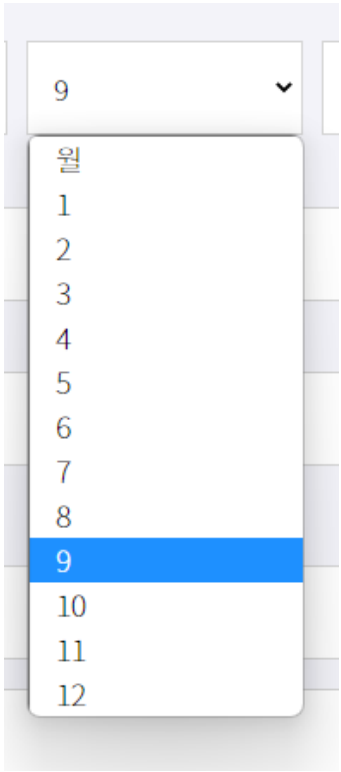

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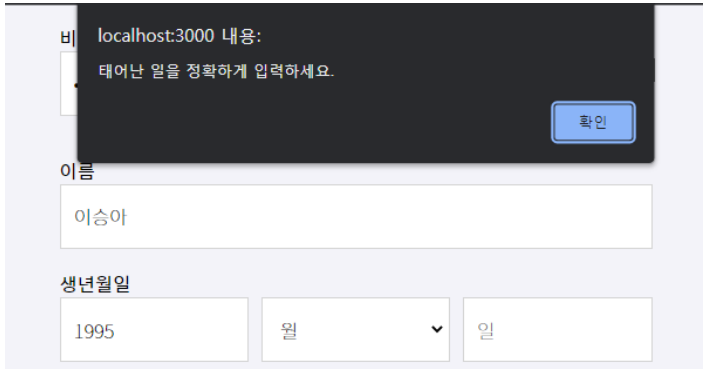

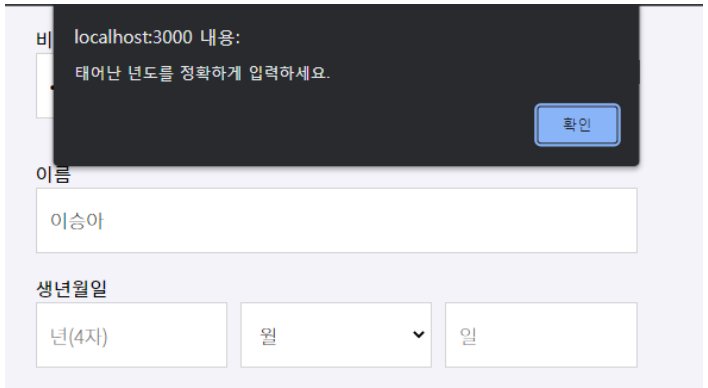

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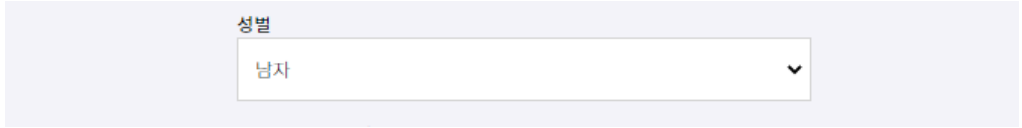

이메일 구현

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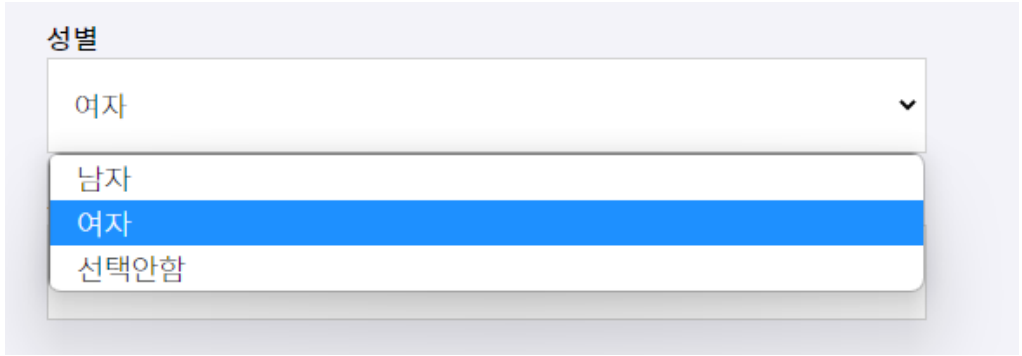
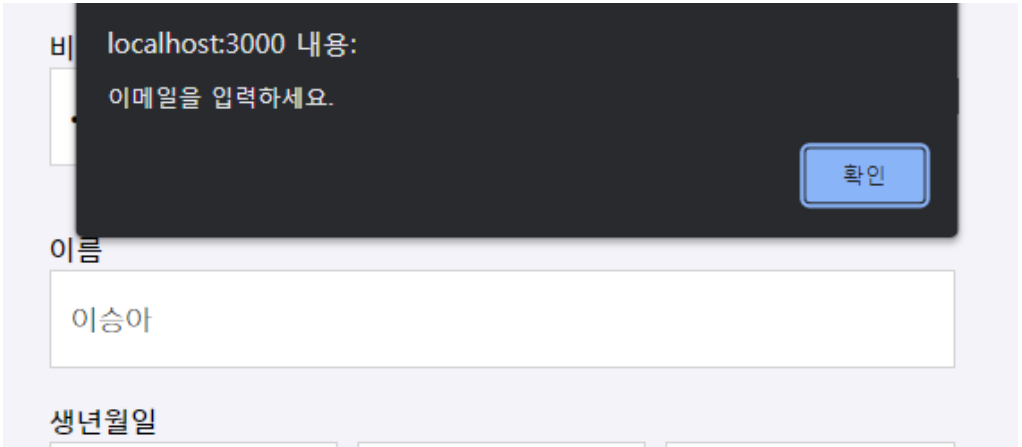


정규표현식 검사



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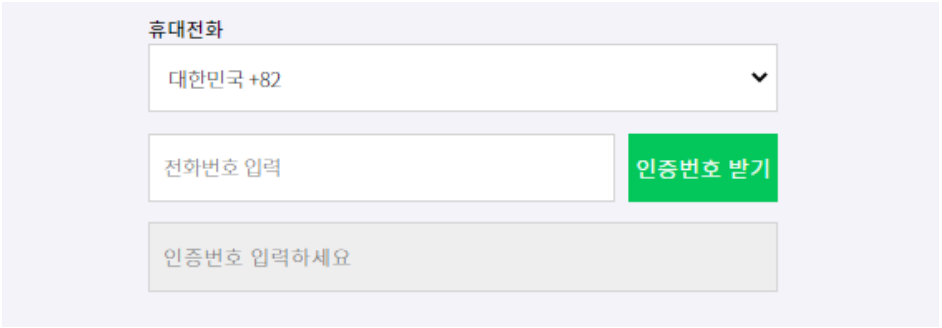

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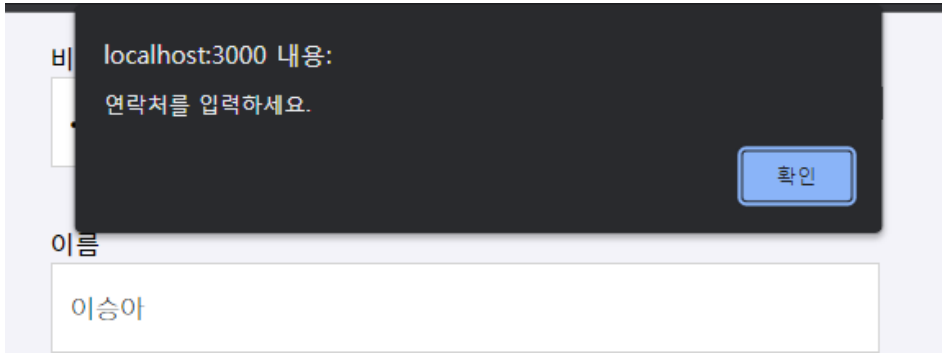

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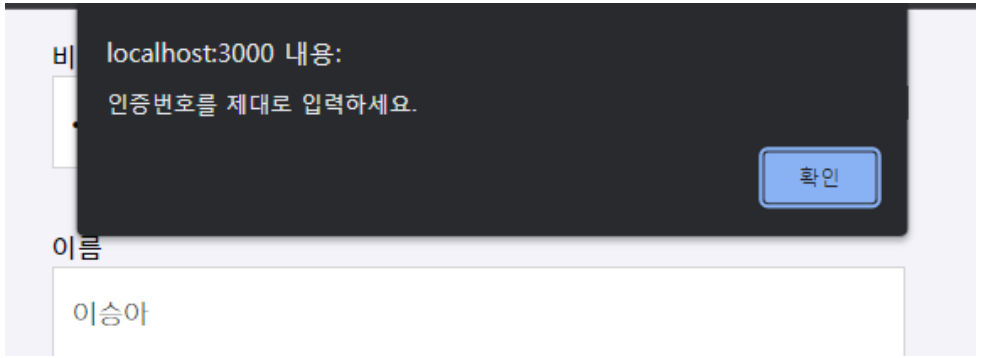
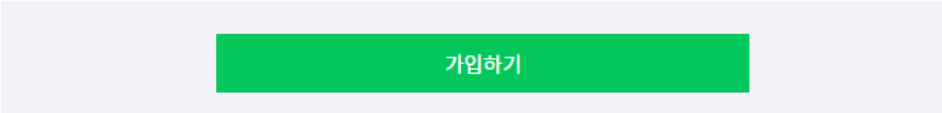


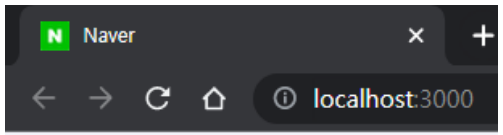
세부 페이지 결과

가입 버튼 구현



FOOTER 구현

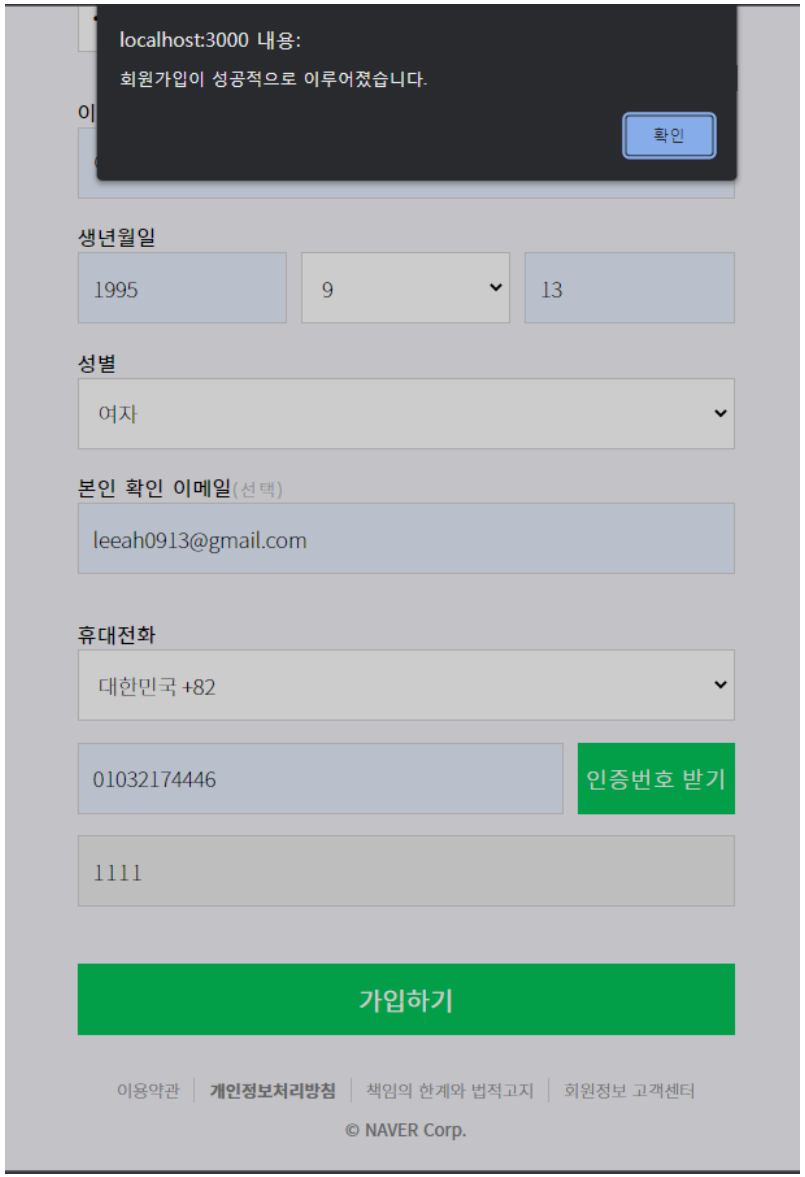
아이콘 변경



Member 데이터 파일로 전송

```
[
  {
    "userId": "leeah0913",
    "password": 12345678,
    "userRePw": 12345678,
    "name": "이승아",
    "birthYear": "1995",
    "birthMonth": "9",
    "birthDay": "13",
    "gender": "여자",
    "email": "leeah0913@gmail.com",
    "selectTel": "대한민국 +82",
    "tel": 1032174446,
    "certification": 1111,
    "id": 1
  }
]
```

가입 성공 알람



App.jsx

```
import React from 'react'
import styled from 'styled-components';
import Main from './page/Main';
import logo from './img/logo.png';
import Footer from './page/Footer';

const NavContainer = styled.nav`
  text-align: center;
  margin: auto;
  height: 100px;
  .mainLogo{
    width: 160px;
    margin: 50px 0;
    cursor: pointer;
  }

`;

const App = () => {
  return(
    <>
    <NavContainer>
      <div className='text-blind'>NAVER</div>
      <img src={logo} alt="mainLogo" className="mainLogo" />
    </NavContainer>
    <Main/>
    <Footer/>
    </>
  )
}

export default React.memo(App);
```

Index.js

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import App from './App';
import { BrowserRouter } from 'react-router-dom';
import Meta from './Meta';
import GlobalStyle from './GlobalStyle';

const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <Meta/>
```

```
    <GlobalStyle/>
    <BrowserRouter>
      <App />
    </BrowserRouter>
  </React.StrictMode>
);
```

Meta.jsx

```
/**
 * @filename: Meta.jsx
 * @description <head>태그 내의 SEO 처리 및 기본 참조 리소스 명시
 * @author: Seunga Lee(leeah0913@gmail.com)
 */
import React from 'react';
// SEO 처리기능 패키지
import { Helmet,HelmetProvider } from 'react-helmet-async';

/** SEO 처리 컴포넌트
 * @param props
 * @returns{JSX.Element}
 */

const Meta = (props) => {
  return (
      <div>
        <HelmetProvider>
            <Helmet>
                <meta charset='utf-8'/>
                <title>{props.title}</title>
                {/* SEO태그 */}
                <meta name='description' content={props.description} />
                <meta name='keywords' content={props.keywords} />
                <meta name='author' content={props.author} />
                <meta property='og:type' content='website' />
                <meta property='og:title' content={props.title} />
                <meta property='og:description' content={props.description} />
                <meta property='og:url' content={props.url} />

                <link rel="preconnect" href="https://fonts.googleapis.com"/>
               <link rel="preconnect" href="https://fonts.gstatic.com"
crossorigin/>
               <link href="https://fonts.googleapis.com/css2?
family=Noto+Sans+KR:wght@100;300;400;500;700;900&display=swap" rel="stylesheet"/>
            </Helmet>
        </HelmetProvider>
        </div>
  );
};
```

```
Meta.defaultProps={
    title:"Naver",
    description: 'Naver clone by ReactJs',
    keywords:'React',
    author:'Seunga Lee',
    url: window.location.href
};

export default Meta;
```

GlobalStyle.jsx

```
/**
 * @filename: GlobalStyles.js
 * @description: 전역으로 적용될 기본 스타일시트.
 *               이 파일에서 정의한 class는 ReaxtJSX에서 className 속성으로 참조한다.
 * @author:Seunga Lee(leeah0913@gmail.com)
 */

import { createGlobalStyle } from 'styled-components';

/**
 * 전역 스타일 시트를 정의한 객체
 * @type {GlobalStyleComponent<{}, DefaultTheme>}
 */
const GlobalStyle = createGlobalStyle`

   *{
        font-family: 'Noto Sans KR', sans-serif;
        margin: 0;
        padding: 0;
        width: 100%;
        box-sizing: border-box;

        body{
        height: 100%;
        margin: auto;
       width: 460px;
       display: block;
       background-color: #f3f3f9;
        }
        button{
            border: none;
            cursor: pointer;
            background-color: #03c75a;
               color: white;
        }
        ol, ul {
        list-style: none;
        }
        hr{
```

```
        border: none;
    }

    option{
        font-weight: 100;
        padding-left: 50px;

    }

.center{
    margin: 15px 0;
}
    .title{
    font-size: 14.5px;
    font-weight: 400;
    text-align: left;
    letter-spacing: 0.5px;

    }
    .inputBox{
    margin: auto;
    height: 50px;
    border: 1px solid #d5d5d5;
    padding-left: 10px;
    font-weight: 100;
    font-size: 15px;
    cursor: pointer;
    }

    p{
        display: inline;
        color:#ADB1B0;
        font-weight: 100;
        width: 460px;
        text-align: left;
    }
        .icon{
        position: absolute;
        margin: left;
        text-align: left;
        font-size: 25px;
        font-weight: 100;
        width: 460px;
        }



.text-blind{
    overflow: hidden;
    display: inline-block;
    position: relative;
    z-index: -1;
    border: 0;
    width: 1px;
```

```
            height: 1px;
            clip: rect(1px, 1px, 1px, 1px);
            clip-path: inset(50%);
        }

    }

`;

export default GlobalStyle;
```

Main.jsx

```
import React from 'react'
import useAxios from 'axios-hooks';
import styled from 'styled-components';
import regexHelper from '../libs/RegexHelper';
import Spinner from '../components/Spinner';
import { IoBagCheckOutline,IoBagRemoveOutline } from "react-icons/io5";

/* 회원가입 전체 폼 */
const MainContainer=styled.div`
 width: 100%;
 height: 100%;
 cursor: pointer;

`;

/* 아이디 */
const IdSection=styled.div`
  .id_form{
    position: relative;
    p{
      position: absolute;
      top: 27%;
      left: 79%;
      font-size: 14px;
    }
  }
`;

/* 비밀번호 */
const PwSection=styled.div`
.pw_form{
  position: relative;
    p{
      position: absolute;
      top: 27%;
      left: 44%;
      font-size: 20px;
```

```
    }
  }
`;

/* 비밀번호 재확인 */
const RepwSection=styled.div`
.repw_form{
  position: relative;
    p{
      position: absolute;
      top: 27%;
      left: 44%;
      font-size: 20px;

    }
  }
`;


/* 생년월일 */
const BirthSection=styled.div`
width: 100%;
  .birthBoxs{
    display: flex;
    justify-content:space-between;
    .birthBox{
      width: 32%;
      .birthItem{
      height: 50px;
      border: 1px solid #d5d5d5;
      font-weight: 100;
      font-size: 15px;
      padding: 0 10px;
      cursor: pointer;
      }
    }
  }


`;



/* 이메일 */
const EmailSection=styled.div`
word-spacing: 2px;
  label>p{
    font-size: 12px;
    letter-spacing: 2px;
  }
`;

/* 국가번호 */
const CountryTelSection=styled.div`
```

```
`;

/* 휴대폰 번호 */
const TelSection=styled.div`
display: flex;
justify-content: space-between;

.telBox{
  width: 80%;
  padding-right: 10px;

  input{
    border: 1px solid #d5d5d5;
    height: 50px;
    padding-left: 10px;
    align-items: center;
    font-weight: 100;
    font-size: 15px;
  }
}
.buttonBox{
  width: 25%;
  button{
    height: 50px;
    font-size:16px;
    padding: 5px;
    font-weight: 300;
    letter-spacing: 1px;

  }
}
`;

/* 인증번호 */
const CertificationSection=styled.div`
height: 50px;
input{
  background-color: #eee;
  letter-spacing: 1px;
}
`;

/* 가입하기 버튼 */
const JoinBox = styled.div`
width: 460px;
margin: 25px 0;
button{
  height: 50px;
  font-size: 18px;
}
`;
const Main = () => {
  /* 월 option 반복문을 위한 배열 생성 */
```

```
    const month=[1,2,3,4,5,6,7,8,9,10,11,12];

    const [{loading}, refetch] = useAxios({
      url: "http://localhost:3001/memeber",
      method: 'POST'
      }, {manual: true});

      /** <form>의 submit 버튼이 눌러졌을 때 호출될 이벤트 핸들러 */
      const onSubmit = React.useCallback((e)=>{
      e.preventDefault();

     //이벤트가 발생한 폼 객체
      const current = e.target;

      //입력값 유효성 검사
        try{
          /* 아이디 검사 */
          regexHelper.value(current.userId, '아이디를 입력하세요.')
          regexHelper.minLength(current.userId, 5, '아이디는 최소 5자 이상 입력 가능
합니다.');
          regexHelper.maxLength(current.userId, 20, '아이디는 최대 20자 까지만 입력
가능합니다.');
          regexHelper.engNum(current.userId, '아이디는 영어와 숫자만 입력 가능합니
다.');

          /* 비밀번호 검사 */
          regexHelper.value(current.password, '비밀번호를 입력하세요.');
          regexHelper.minLength(current.password, 8, '비밀번호는 최소 8자 이상 입력
이 가능합니다.');
          regexHelper.maxLength(current.password, 16, '비밀번호는 회대 16자 까지만
입력 가능합니다.');
          regexHelper.engNum(current.password, '비밀번호는는 영어와 숫자 특수기호를
사용하세요.');
          regexHelper.compareTo(current.userRePw, current.password, '비밀번호가 일
치하지 않습니다.');

          /* 이름 검사 */
          regexHelper.value(current.name, '이름을 입력하세요.');
          regexHelper.minLength(current.name, 2, '이름은 최소 2자 이상 입력 가능합니
다.');
          regexHelper.maxLength(current.name,20, '이름은 최대 20자 까지만 입력 가능
합니다.');
          regexHelper.korEng(current.name, '이름은 한글만 입력 가능합니다.')

          /* 생년월일 검사 */
          regexHelper.value(current.birthYear, '태어난 년도를 정확하게 입력하세
요.');
          regexHelper.maxLength(current.birthYear, 4, '태어난 년도 4자리를 정확하게
입력하세요.');
          regexHelper.value(current.birthMonth,'태어난 월을 선택해주세요.')
          regexHelper.value(current.birthDay,'태어난 일을 정확하게 입력하세요.');
          regexHelper.maxLength(current.birthDay, 2, '태어난 일 2자리를 정확하게 입
력하세요.');
```

```
            /* 이메일 검사 */
            regexHelper.value(current.email, '이메일을 입력하세요.');
            regexHelper.email(current.email, '이메일 주소가 잘못되었습니다.');

            /* 전화번호 검사 */
            regexHelper.value(current.selectTel, '국가번호를 선택하세요.');
            regexHelper.value(current.tel, '연락처를 입력하세요.');
            regexHelper.phone(current.tel, '연락처가 잘못 되었습니다.');

            /* 인증번호 검사 */
            regexHelper.maxLength(current.certification, 4, '인증번호를 제대로 입력하
세요.');

          }catch (e) {
            window.alert(e.message);
            e.field.focus();
            return;
          }

          let json = null;

          (async () => {
            try{
              const response = await refetch({
                data:{
                userId: current.userId.value,
                password: parseInt(current.password.value),
                userRePw: parseInt(current.userRePw.value),
                name: current.name.value,
                birthYear: current.birthYear.value,
                birthMonth: current.birthMonth.value,
                birthDay: current.birthDay.value,
                gender: current.gender.value,
                email: current.email.value,
                selectTel:current.selectTel.value,
                tel:parseInt(current.tel.value),
                certification:parseInt(current.certification.value)
                }
              });
            json = response.data;
            }catch(e){
            console.error(e);
            window.alert(`[${e.response.status}]
            ${e.response.statusText}\n${e.message}`);
              };

            /* async()(); 후 한 줄 띄우기 */
              if(json !== null){
              window.alert('회원가입이 성공적으로 이루어졌습니다.');
              }
          })();
          },[refetch]);

        return (
```

```
        <>
        <Spinner visible={loading}/>
        <form onSubmit={onSubmit}>
          {/* 메인 전체 폼 */}
          <MainContainer className='mainContainer'>

            {/* 아이디 */}
            <IdSection className='center'>
              <label className="title" htmlFor="userId">아이디</label>
              <div className='id_form'>
                <input type="text" name="userId" className="field inputBox"/>
                <p>@naver.com</p>
              </div>

            </IdSection>

          {/* 비밀번호 */}
            <PwSection className='center'>
            <label className="title" htmlFor="password">비밀번호</label>
              <div className='pw_form'>
                <input type="password" name="password" className="field
inputBox"/>
                <p><IoBagRemoveOutline /></p>
              </div>


            </PwSection>

          {/* 비밀번호 재확인 */}
            <RepwSection className='center'>
            <label className="title" htmlFor="userRePw">비밀번호 재확인</label>
              <div className='repw_form'>
                <input type="password" name="userRePw" className="field
inputBox"/>
                <p><IoBagCheckOutline /></p>
              </div>
            </RepwSection>
            <hr/>

          {/* 이름 */}
            <div className='center'>
            <label className="title" htmlFor="name">이름</label>
              <div className='name_form'>
                <input type="text" name="name" className="field inputBox"/>
              </div>
            </div>

          {/* 생년월일 */}
            <BirthSection className='center'>
              <label htmlFor="birthYear" className='title'>생년월일</label>
              <div className='birthBoxs'>
              <div className='birthBox'>
                <input type='text' name='birthYear' className='field birthItem'
placeholder='년(4자)'/>
```

```
              </div>
              {/* 월 선택을 위한 반복문 */}
              <div className='birthBox'>
              <select name='birthMonth' className='field birthItem'>
                <option placeholder='월'>월</option>
                {month.map((v,i)=>{
                  return(<option value={v} key={i}>{v}</option>)
                })}
              </select>
              </div>
              <div className='birthBox'>
                <input type='text' name='birthDay' className='field birthItem'
placeholder='일'/>
              </div>
              </div>
            </BirthSection>

            {/* 성별 */}
            <div className='center'>
              <span className='title'>성별</span>
              <select name="gender" className='field inputBox' placeholder='성별'
>
                <option>남자</option>
                <option>여자</option>
                <option>선택안함</option>
              </select>
            </div>

            {/* 이메일 */}
            <EmailSection className='center'>
            <label className="title" htmlFor="email">본인 확인 이메일<p>(선택)</p>
</label>
              <div className='pw_form'>
                <input type="text" name="email" className="field inputBox"
placeholder='선택입력'/>
              </div>
            </EmailSection>
            <hr/>

            {/* 국가번호 */}
            <CountryTelSection className='center'>
            <span className='title'>휴대전화</span>
            <select name="selectTel" className='field inputBox' >
                <option>대한민국 +82</option>
                <option>일본 +81</option>
                <option>중국 +86</option>
              </select>
            </CountryTelSection>

            {/* 휴대폰 번호 */}
            <TelSection className='center'>
            <div className='telBox'>
                <input type='text' name='tel' className='field birthBox'
placeholder='전화번호 입력'/>
```

```
              </div>
              <div className='buttonBox'>
                <button>인증번호 받기</button>
              </div>
            </TelSection>

            {/* 인증번호 */}
            <CertificationSection className='center'>
              <div className='pw_form'>
                <label htmlFor='certification'></label>
                <input type="text" name="certification" className="field inputBox"
placeholder='인증번호 입력하세요'/>
              </div>
            </CertificationSection>
            <hr/>

            <JoinBox>
              <button>가입하기</button>
            </JoinBox>
          </MainContainer>
        </form>

        </>
  )
}

export default React.memo(Main);
```

Footer.jsx

```
import React from 'react'
import styled from 'styled-components';

const FooterSection = styled.div`
margin-top: 30px;
font-size: 12px;
font-weight: 100;
text-align: center;
color: gray;
word-spacing: 1px;

.underLine{
    display: inline;
    justify-content: space-evenly;
    span{
    border-right: 0.5px solid #d5d5d5;
    padding: 0 10px;
        &:last-child{
            border-right: none;
        }
        &:hover{
```

```
            text-decoration: underline;
            color: #03c75a;
            cursor: pointer;
        }
    }
}

.copyRight{
    margin-top: 10px;
    padding-bottom: 20px;
    font-weight: 400;
    &:hover{
            text-decoration: underline;
            color: #03c75a;
            cursor: pointer;
        }
}
`;
const Footer = () => {
  return (
    <FooterSection>
        <div className="underLine">
            <span>이용약관</span>
            <span><b>개인정보처리방침</b></span>
            <span>책임의 한계와 법적고지</span>
            <span>회원정보 고객센터</span>
        </div>
        <div className="copyRight">
            <span>&copy; NAVER Corp.</span>
        </div>
    </FooterSection>

  )
}

export default React.memo(Footer);
```

문제 및 소감

정규 표현식을 조금 더 업그레이드를 시켜보고 싶어서
찾아 보는데 아직 그 방법을 온전히 제가 구현하기에는
어려움이 있어 시간 내에 구현을 하기에는 무리가 있어
하다가 완성을 하는 못했지만, 할 수 있는 방법들을
찾아보면서 혼자라도 해보겠다는 생각이 들었습니다.

코딩을 하면서 에러는 많이 마주 하다보니 문제를
해결하는데 시간을 너무 많이 소요를 한 점이 아쉬웠습니다.
에러노트를 조금 더 열심히 적어보고 혼자 해결하는 능력을
길러야 한다는 생각을 더 격하게 했습니다.

이번 코딩을 하면서 많은 자료들을 보고 영상도 찾아보고
수업 자료들도 보다 보니 그때는 완전히 이해가 되지 않았던
부분들을 다시 보고 공부를 할 수 있어서 좋았습니다.