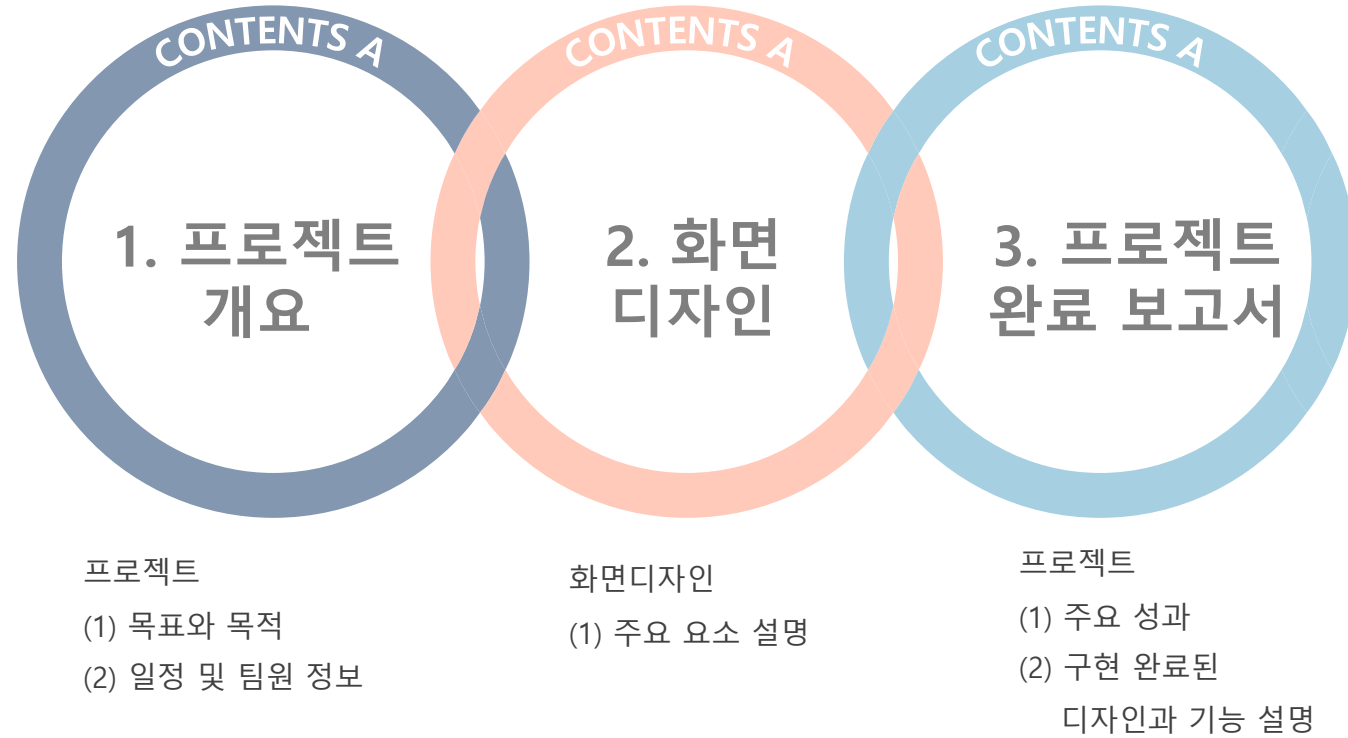


인스타그램 클론 프로젝트

1차 실습평가



● 목 차



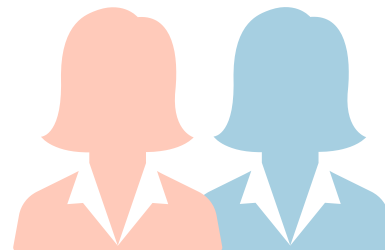
1 프로젝트 개요

1) 프로젝트의 목표와 목적

NO	목 표	목 적
1	HTML, CSS, JS, React 사용	사용자 인터페이스를 구성
2	로그인 페이지 구현	ID, PW 입력 가능
3	회원가입 페이지 구현	회원정보 입력 가능
4	반응형 디자인 적용	미디어 쿼리 적용
5	Java(JSP) 기술 사용	서버 구동

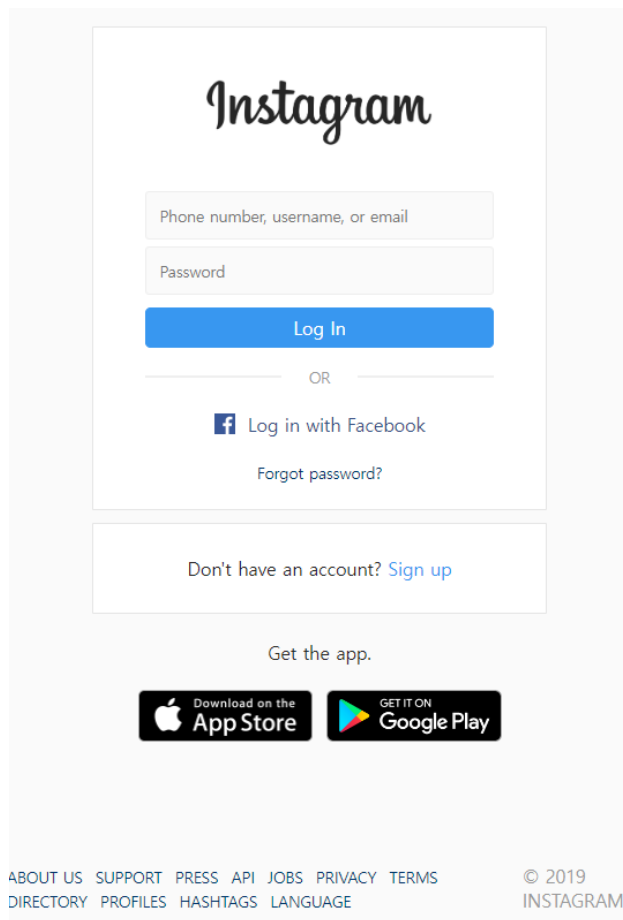
1 프로젝트 개요

2) 프로젝트의 일정 및 팀원 정보



팀 원
김사라, 박수진

2 화면 디자인 (1) 로그인 페이지 구현



<React>

```
function Header() {
  return (
    <div class="header">
      <div class="top">
        <div class="logo">
          </img>
        </div>
        <div class="form">
          <div class="input_field">
            <input type="text"
              placeholder="Phone number, username, or email"
              class="input"
            />
          </div>
          <div class="input_field">
            <input type="password" placeholder="Password" class="input" />
          </div>
          <div class="btn">
            <a
              href="#"
              onClick={async () => {
                const username = document.querySelector(
                  '.input[type="text"]'
                ).value;
                const password = document.querySelector(
                  '.input[type="password"]'
                ).value;

                const response = await fetch(
                  'http://127.0.0.1:8080/jsp/signin2.jsp?user-id=${username}&user-pw=${password}'
                );

                const result = await response.json();

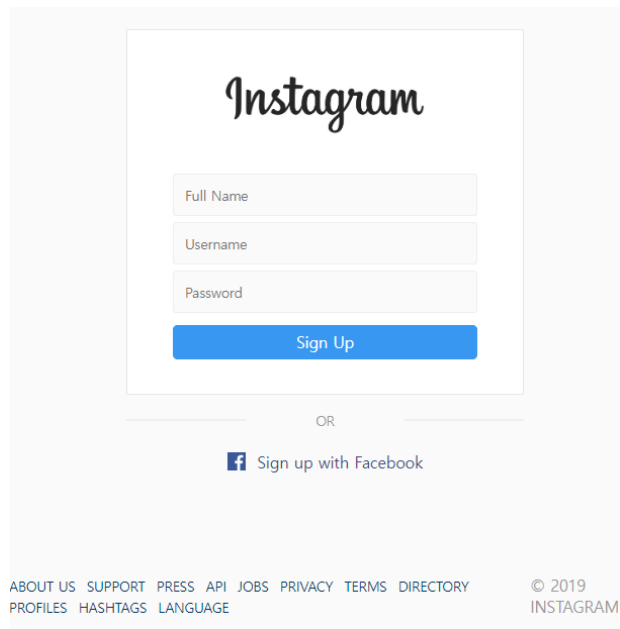
                console.log(result);

                if (result.code == 1) {
                  alert(result.msg);
                  window.location.href = "/main";
                } else {
                  alert(result.msg);
                }
              }}
            >
              Log In
            </a>
          </div>
        </div>
      </div>
    </div>
  );
}
```

```
<div class="or">
  <div class="line"></div>
  <p>OR</p>
  <div class="line"></div>
</div>
<div class="dif">
  <div class="fb">
    
    <p>Log in with Facebook</p>
  </div>
  <div class="forgot">
    <a href="#">Forgot password?</a>
  </div>
</div>
<div class="signup">
  <p>
    Don't have an account? <a href="/register">Sign up</a>
  </p>
</div>
<div class="apps">
  <p>Get the app.</p>
  <div class="icons">
    <a href="#">
      
    </a>
    <a href="#">
      
    </a>
  </div>
</div>
</div>
);
```

2 화면 디자인 (2) 회원가입 페이지 구현

<React>



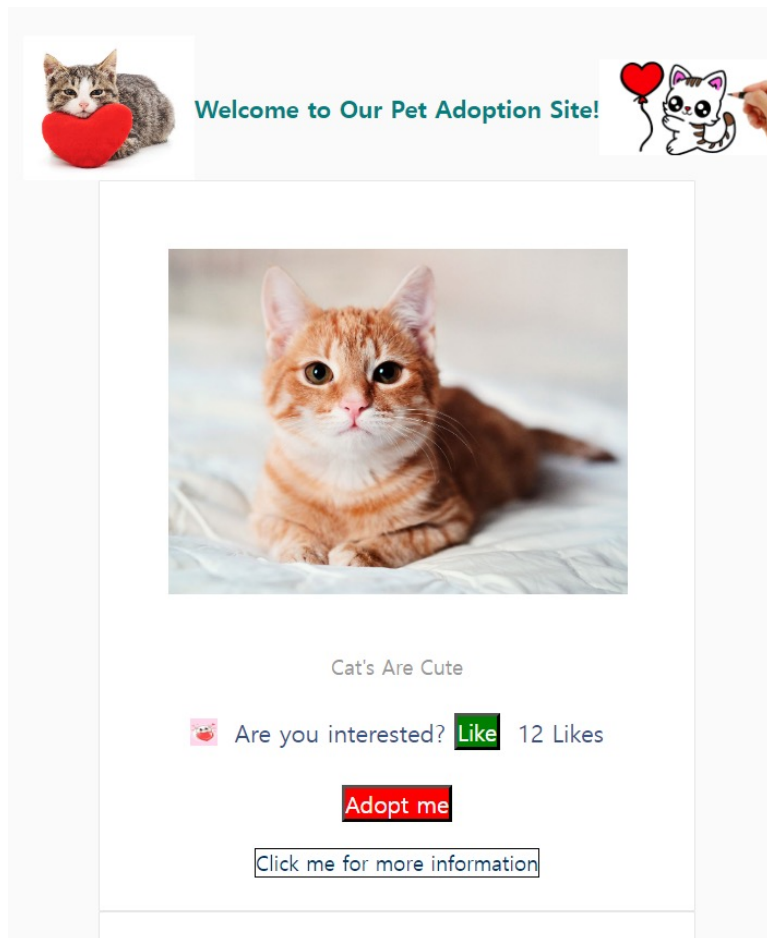
```
function RegisterH() {
  return (
    <div class="header">
      <div class="top">
        <div class="logo">
          
        </div>
        <div class="form">
          <div class="input_field">
            <input type="text" placeholder="Full Name" class="input" />
          </div>
          <div class="input_field">
            <input type="text" placeholder="Username" class="input" />
          </div>
          <div class="input_field">
            <input type="password" placeholder="Password" class="input" />
          </div>
          <div class="btn">
            <a href="#">Sign Up</a>
          </div>
        </div>
        <div class="or">
          <div class="line"></div>
          <p>OR</p>
          <div class="line"></div>
        </div>
        <div class="dif">
          <div class="fb">
            
            <p>Sign up with Facebook</p>
          </div>
        </div>
      </div>
    </div>
  );
}
```

```
function RegisterF() {
  return (
    <div class="footer">
      <div class="links">
        <ul>
          <li>
            <a href="#">ABOUT US</a>
          </li>
          <li>
            <a href="#">SUPPORT</a>
          </li>
          <li>
            <a href="#">PRESS</a>
          </li>
          <li>
            <a href="#">API</a>
          </li>
          <li>
            <a href="#">JOBS</a>
          </li>
          <li>
            <a href="#">PRIVACY</a>
          </li>
          <li>
            <a href="#">TERMS</a>
          </li>
          <li>
            <a href="#">DIRECTORY</a>
          </li>
          <li>
            <a href="#">PROFILES</a>
          </li>
          <li>
            <a href="#">HASHTAGS</a>
          </li>
          <li>
            <a href="#">LANGUAGE</a>
          </li>
        </ul>
      </div>
      <div class="copyright">© 2019 INSTAGRAM</div>
    </div>
  );
}
```

```
function App() {
  return (
    <BrowserRouter>
      <div className="wrapper">
        <Routes>
          <Route
            path="/"
            element={
              <>
                <Header />
                <Footer />
              </>
            }
          ></Route>
          <Route
            path="/register"
            element={
              <>
                <RegisterH />
                <RegisterF />
              </>
            }
          ></Route>
          <Route path="/main" element={<Main />}></Route>
        </Routes>
      </div>
    </BrowserRouter>
  );
}
```

2 화면 디자인 (3)반응형 디자인 적용

<React>



```
import { useState, useEffect } from "react";
import RightMenu from "../RightMenu"; // Import the RightMenu component
function Main() {
  const initialCatLikes = parseInt(localStorage.getItem("catLikes")) || 0;
  const initialDogLikes = parseInt(localStorage.getItem("dogLikes")) || 0;
  const [catLikes, setCatLikes] = useState(initialCatLikes);
  const [dogLikes, setDogLikes] = useState(initialDogLikes);
  const handleCatLikeClick = () => {
    const newCatLikes = catLikes + 1;
    setCatLikes(newCatLikes);
    localStorage.setItem("catLikes", newCatLikes.toString());
  };

  const handleDogLikeClick = () => {
    const newDogLikes = dogLikes + 1;
    setDogLikes(newDogLikes);
    localStorage.setItem("dogLikes", newDogLikes.toString());
  };

  return (
    <div>
      <div class="header">
        <div className="container">
          
          <h1 className="header-text">Welcome to Our Pet Adoption Site!</h1>
          
        </div>
        <div class="top">
          <div class="logo">
            
          </div>
          <div class="or">
            <p></p>
            <p>Cat's Are Cute</p>
            <p></p>
          </div>
          <div class="dif">
            <div class="fb">
              
              <p style={{ marginRight: "5px" }}>Do you want to own me?</p>
              <button
                style={{ backgroundColor: "green", color: "white" }}
                onClick={handleCatLikeClick}
              >
                Like
              </button>
              <p>{catLikes} Likes</p>
            </div>
          </div>
        </div>
      </div>
    </div>
  );
}
```

```
<div class="forgot">
  <button style={{ backgroundColor: "red", color: "white" }}>
    {" "}
    Adopt me{" "}
  </button>
</div>
<p> </p>
<p> </p> <br />
<a href="#" style={{ border: "1px solid black" }}>
  Click me for more information
</a>
</div>
</div>
<div class="top">
  <div class="logo">
    
  </div>
  <div class="or">
    <p></p>
    <p>Dogs Are Cute too</p>
    <p></p>
  </div>
  <div class="dif">
    <div class="fb">
      
      <p style={{ marginRight: "5px" }}>Do you want to own me?</p>
      <button
        style={{ backgroundColor: "green", color: "white" }}
        onClick={handleDogLikeClick}
      >
        Like
      </button>
      <p>{dogLikes} Likes</p>
    </div>
  </div>
  <div class="forgot">
    <button style={{ backgroundColor: "blue", color: "white" }}>
      {" "}
      Adopt me{" "}
    </button>
    <p> </p>
    <p> </p> <br />
    <a href="#" style={{ border: "1px solid black" }}>
      Click me for more information
    </a>
  </div>
</div>
</div>
</div>
);
export default Main;
```

2 화면 디자인 (4) 고정형 사이드바 구현

Adopted Pets

Whiskers

Rex

Mittens

Buddy

Fluffy



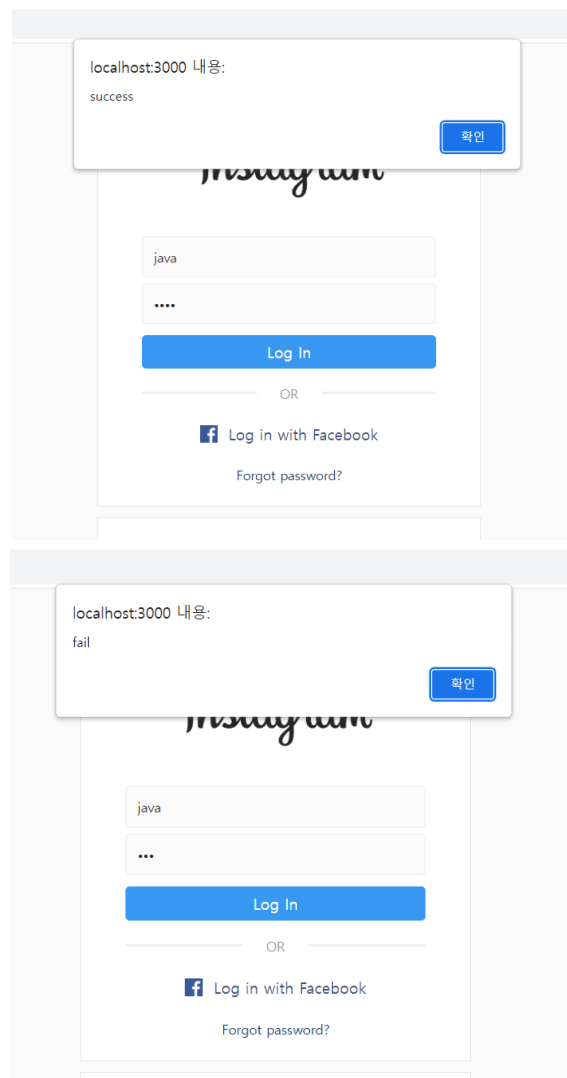
<React>

```
function RightMenu() {  
  return (  
    <div className="right-menu">  
      <h2>Adopted Pets</h2>  
      <ul className="pet-list">  
        <li>  
          <a href="#whiskers" className="pet-link">  
            <span className="pet-icon cat-icon"></span>  
            <span className="pet-name">Whiskers</span>  
          </a>  
        </li>  
        <li>  
          <a href="#rex" className="pet-link">  
            <span className="pet-icon dog-icon"></span>  
            <span className="pet-name">Rex</span>  
          </a>  
        </li>  
        <li>  
          <a href="#mittens" className="pet-link">  
            <span className="pet-icon cat-icon"></span>  
            <span className="pet-name">Mittens</span>  
          </a>  
        </li>  
        <li>  
          <a href="#buddy" className="pet-link">  
            <span className="pet-icon dog-icon"></span>  
            <span className="pet-name">Buddy</span>  
          </a>  
        </li>  
        <li>  
          <a href="#fluffy" className="pet-link">  
            <span className="pet-icon cat-icon"></span>  
            <span className="pet-name">Fluffy</span>  
          </a>  
        </li>  
      </ul>  
    </div>  
  );  
}
```

```
/* RightMenu Styles */  
.right-menu {  
  position: fixed;  
  top: 0;  
  left: 0;  
  background-color: #ffcc00;  
  border-radius: 0 0 10px 0;  
  padding: 10px; /* Smaller padding */  
  box-shadow: 3px 3px 5px rgba(0, 0, 0, 0.2);  
}  
  
.right-menu h2 {  
  font-size: 16px; /* Smaller font size */  
  color: #333;  
  margin-bottom: 10px;  
}
```


2 화면 디자인

(5)Java(JSP) 기술 사용 - 팝업창 생성



<React>

```
function Header() {
  return (
    <div class="header">
      <div class="top">
        <div class="logo">
          </img>
        </div>
        <div class="form">
          <div class="input_field">
            <input type="text"
              placeholder="Phone number, username, or email"
              class="input"
            />
          </div>
          <div class="input_field">
            <input type="password" placeholder="Password" class="input" />
          </div>
          <div class="btn">
            <a
              href="#"
              onClick={async () => {
                const username = document.querySelector(
                  '.input[type="text"]'
                ).value;
                const password = document.querySelector(
                  '.input[type="password"]'
                ).value;

                // 팝업창
                const response = await fetch(
                  'http://127.0.0.1:8080/jsp/signin2.jsp?user-id=${username}&user-pw=${password}'
                );

                const result = await response.json();

                console.log(result);

                if (result.code == 1) {
                  alert(result.msg);
                  window.location.href = "/main";
                } else {
                  alert(result.msg);
                }
              }}
            >
          </a>
        </div>
      </div>
    </div>
  );
}
```

< Java >

```
1 <!-- <%@ page language="java" contentType="text/html; charset=utf-8" --%>
2 <!-- pageEncoding="utf-8"%> --%>
3 <%@ page language="java" contentType="application/json; charset=utf-8"
4   pageEncoding="utf-8"%>
5
6=<%
7 response.addHeader("Access-Control-Allow-Origin", "*");
8 %>
9
10
11
12
13=<%
14 String id=request.getParameter("user-id");
15 String pw=request.getParameter("user-pw");
16
17
18 //id=java pw=1234
19 if(id.equals("java")&& pw.equals("1234")) {
20   out.println("{\"msg\":\"success\", \"code\":\"1\"}");
21 }
22 }else {
23   out.println("{\"msg\":\"fail\", \"code\":\"0\"}");
24 }
25
26 %>
27
```

(1) 프로젝트 주요 성과

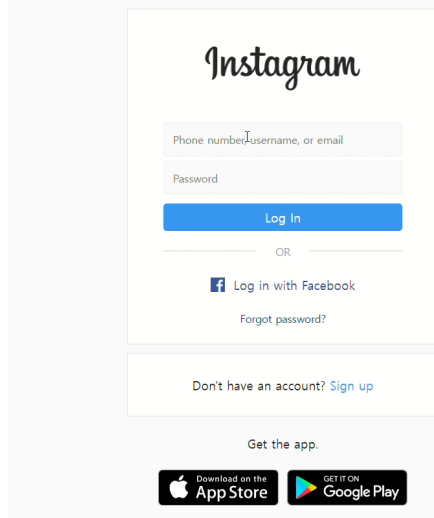
HTML, CSS,
JavaScript,
React, Java
기술 사용

플랫폼의
구조 및 개발
방법 습득

프로그래밍
기법 습득

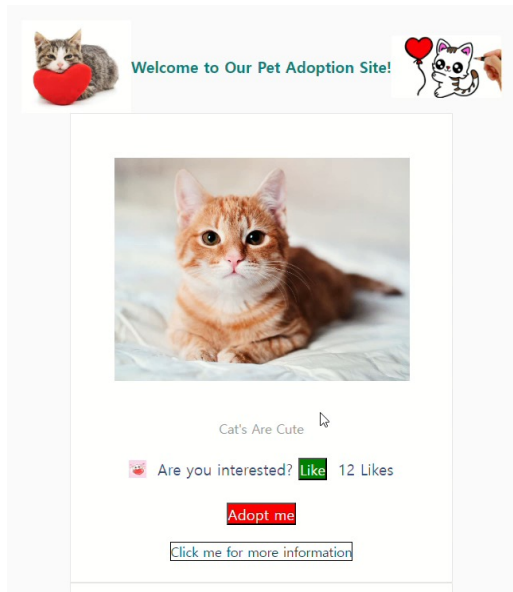
3 프로젝트 완료 보고서

(2) 구현 완료된 디자인과 기능 설명



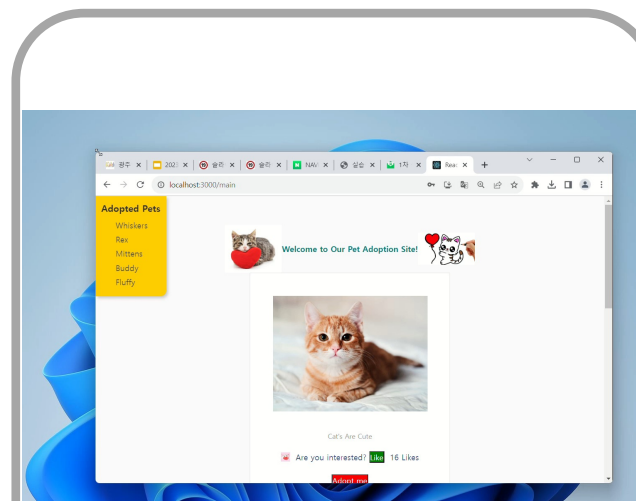
팝업창

React를 이용해 Java 서버와 통신하여 로그인 성공 또는 실패 결과를 얻는 로그인 시스템을 성공적으로 구현



반응형

좋아요 버튼을 누르면
클릭 수에 맞춰 기록 및 출력



사이드메뉴바

웹페이지 크기와 상관없이
좌측상단에 메뉴바 고정



감사합니다.