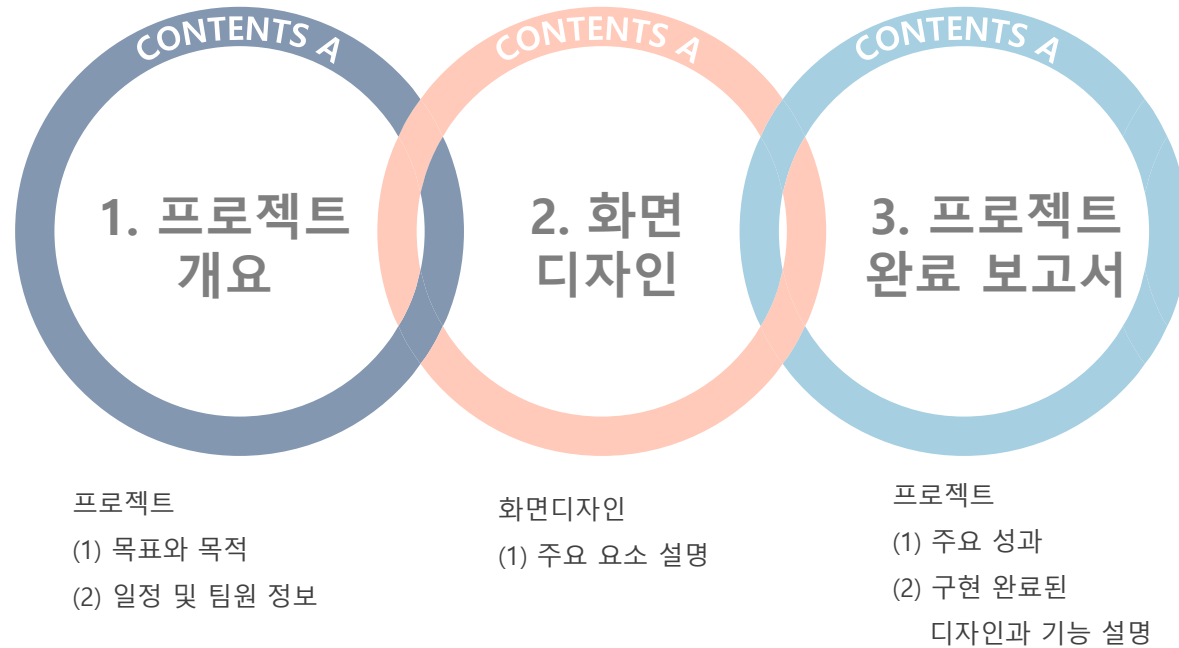


# 인스타그램 클론 프로젝트

1차 실습평가



# ● 목 차



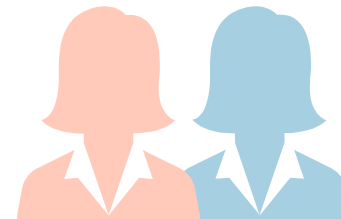
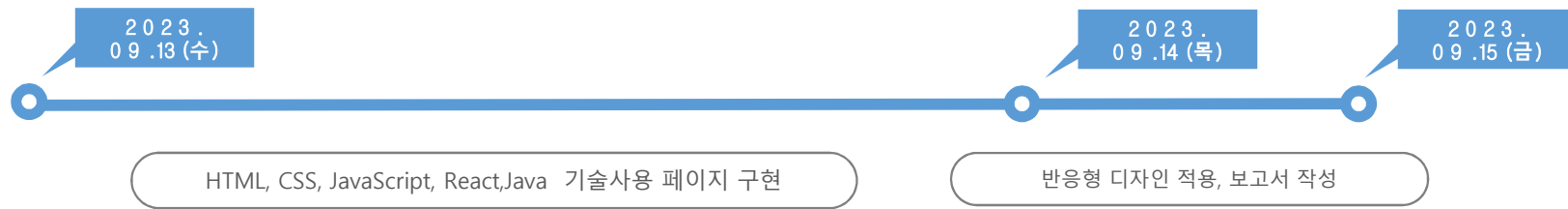
## 1 프로젝트 개요

### 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

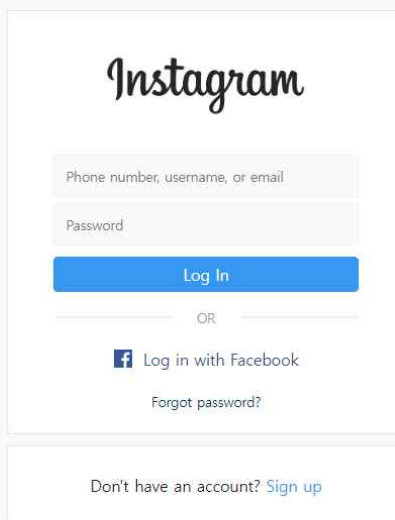
# 1 프로젝트 개요

## 2) 프로젝트의 일정 및 팀원 정보



팀 원  
김사라, 박수진

## 2 화면 디자인 (1) 로그인 페이지 구현



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DIRECTORY PROFILES HASHTAGS LANGUAGE

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INSTAGRAM

### <React>

```
function Header() {
  return (
    <div class="header">
      <div class="top">
        <div class="logo">
          
        </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();

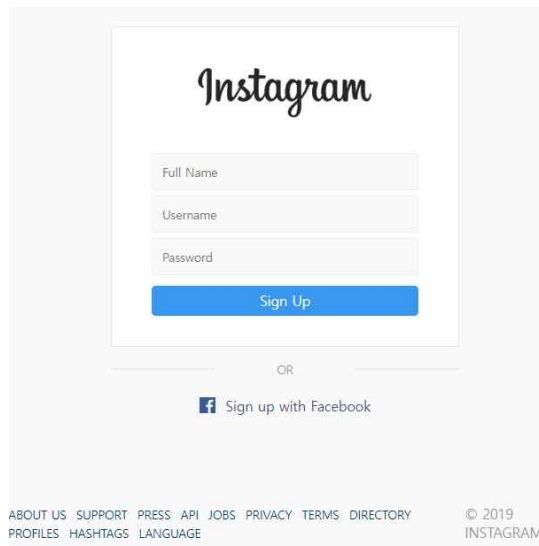
                console.log(result);

                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>

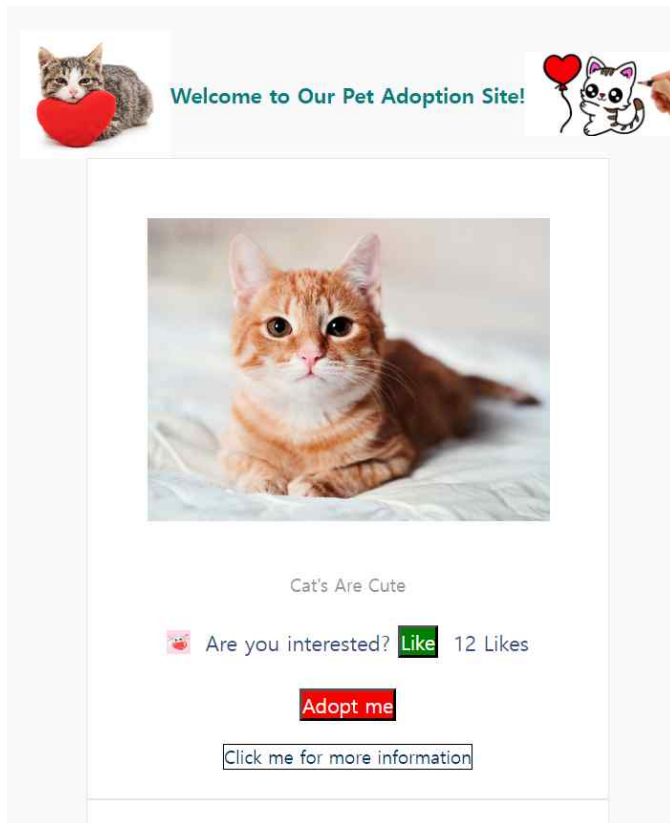


```
function RegisterH() {
  return (
    <div class="header">
      <div class="top">
        <div class="logo">
          
        </div>
        <div class="form">
          <div class="input_field">
            <input type="text" placeholder="Full Name" class="input" />
          </div>
          <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>
      <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>
  );
}
```

```
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">
            </img>
          </div>
          <div class="on">
            <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>
  <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">
    </img>
  </div>
  <div class="on">
    <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>
);
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>
  );
}
```

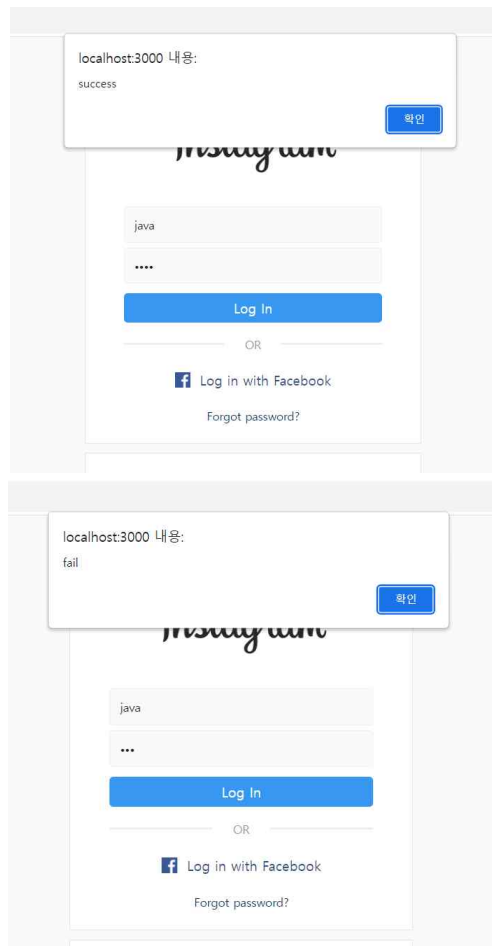
```
/* RightMenu Styles */
.right-menu {
  position: fixed;
  top: 0;
  left: 0;
  background-color: #ffcc00;
  border-radius: 0 0 10px 0;
  padding: 10px; /* Smaller padding */
  box-shadow: 3px 3px 5px rgba(0, 0, 0, 0.2);
}

.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">
          
        </div>
      </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);
              }
            }}
          >

```

### < 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.setHeader("Access-Control-Allow-Origin", "*");
8   %>
9
10
11
12
13
14 <%
15   String id=request.getParameter("user-id");
16   String pw=request.getParameter("user-pw");
17
18   //id=java pw=1234
19   if(id.equals("java") && pw.equals("1234")) {
20     out.println("{\"msg\":\"success\", \"code\":1}");
21   } else {
22     out.println("{\"msg\":\"fail\", \"code\":0}");
23   }
24   %>
25
26
27
```

### 3 프로젝트 완료 보고서

#### (1) 프로젝트 주요 성과

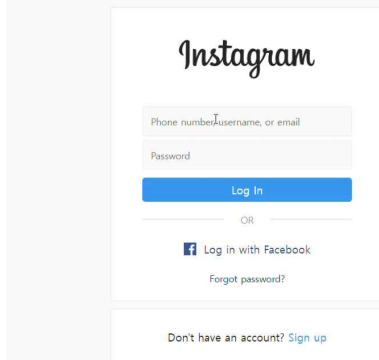
HTML, CSS,  
JavaScript,  
React, Java  
기술 사용

플랫폼의  
구조 및 개발  
방법 습득

프로그래밍  
기법 습득

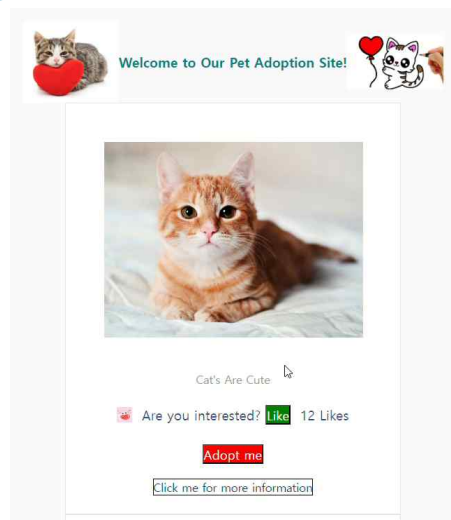
### 3 프로젝트 완료 보고서

#### (2) 구현 완료된 디자인과 기능 설명



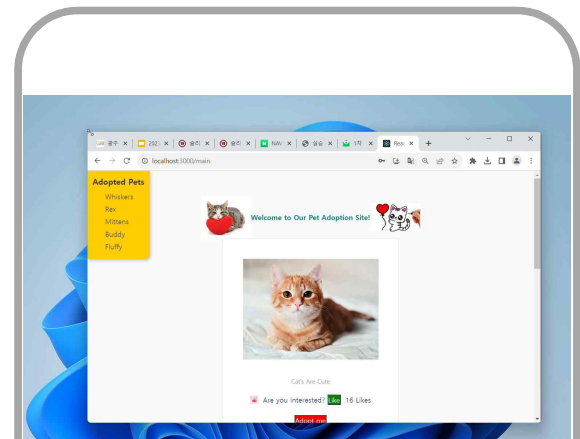
##### 팝업창

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

The background features a light gray gradient. On the left, there is a large, rounded blue shape. On the right, there is a large, rounded orange shape. The text is centered in the gray area between these two shapes.

감사합니다.