Open-Source Software Programming
Team project Presentation

Web Application SKKU.GG

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Motivation

게임 전적 검색
(op.gg)

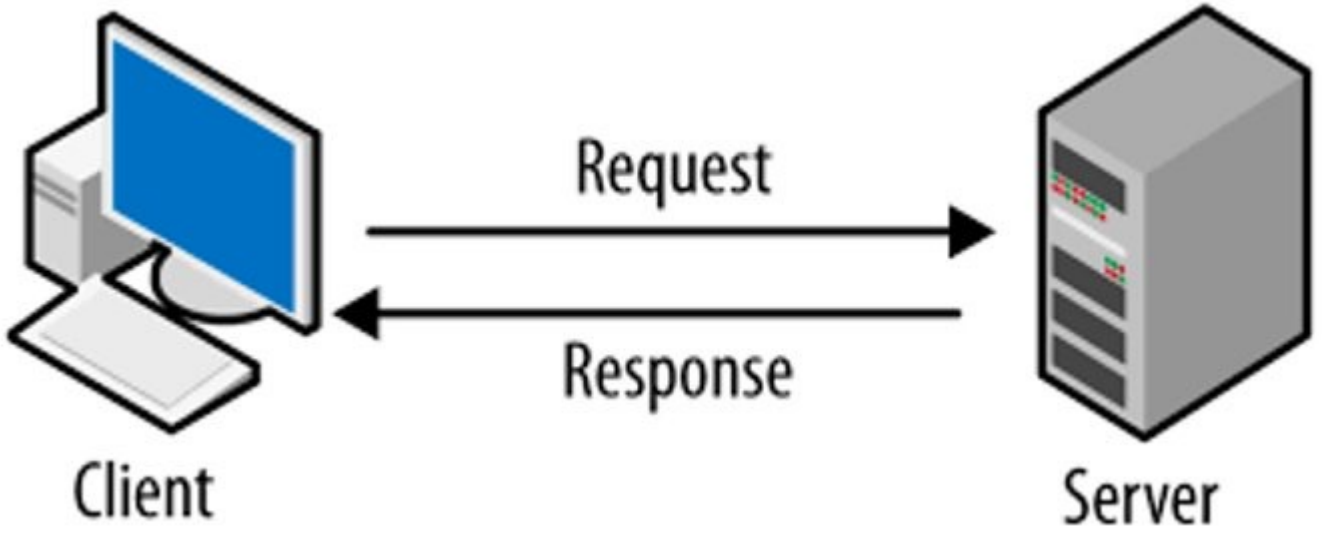
교내 커뮤니티
(Cyworld)

Goals

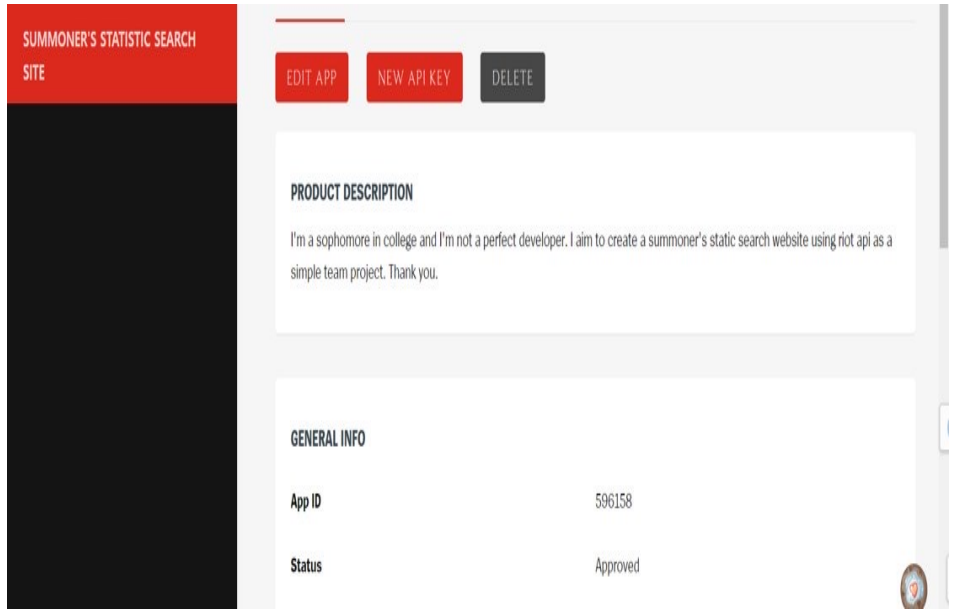
1. LOL 전적 검색
2. 로그인
3. 교내 랭킹 정보
4. 개인 미니 홈페이지

Implementation

Implementation : Searching LOL log



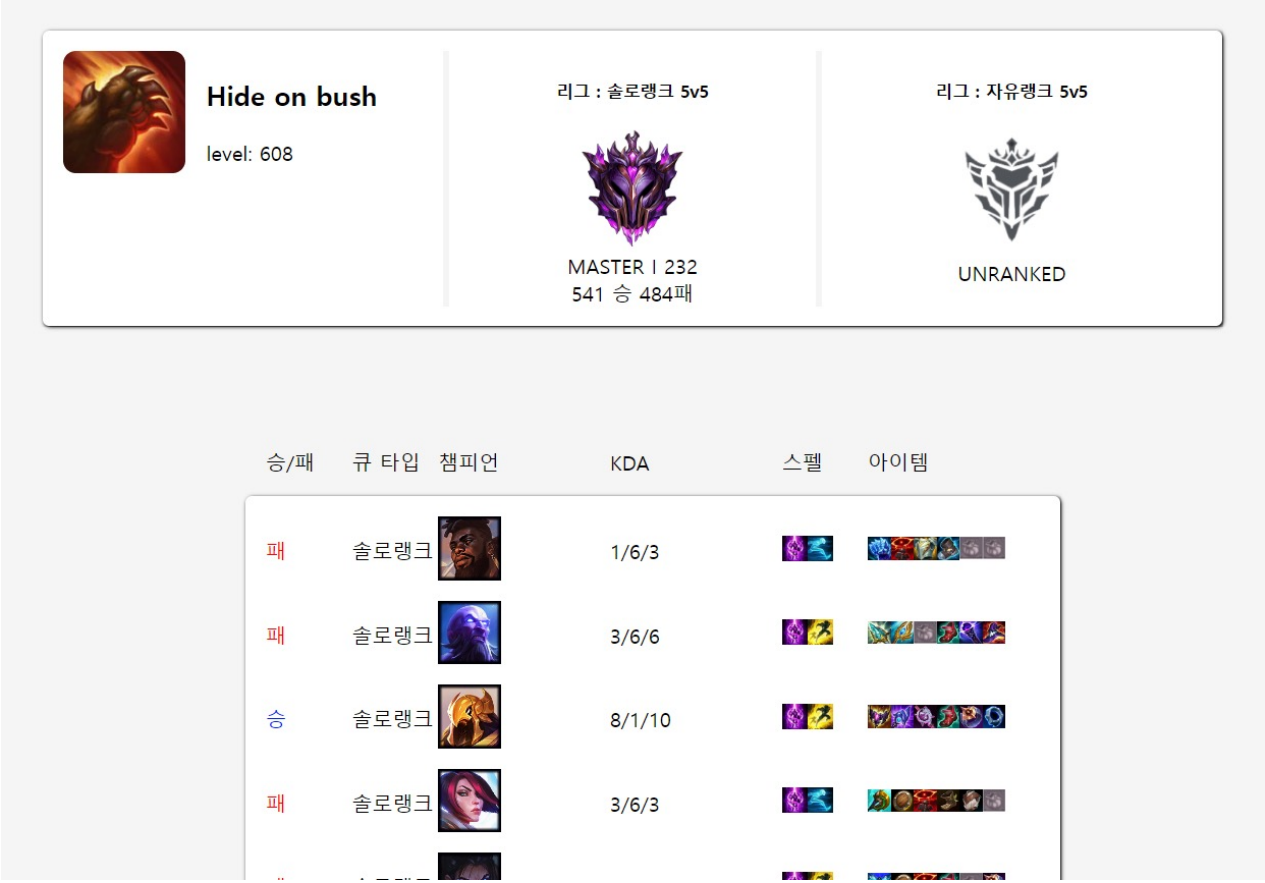
Implementation : Searching LOL log



API key

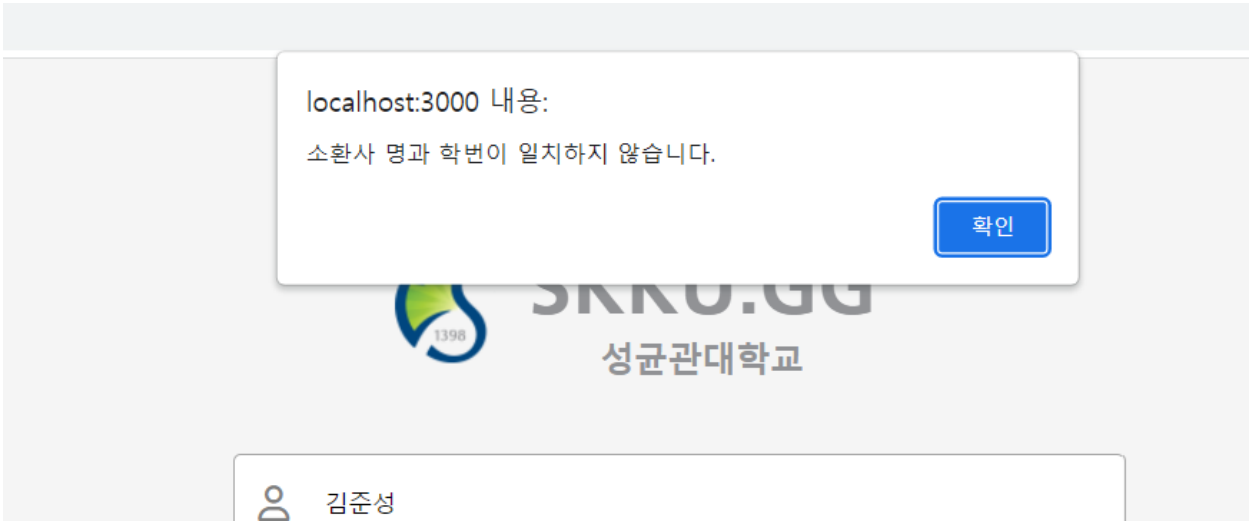
Mass information

Implementation : Searching LOL log



Recent 10 Games

Implementation : Login



Login with school ID

Implementation : Login

```
const url = "https://kr.api.riotgames.com/lol/summoner/v4/summoners/by-name/" + nickname + "?api_key=RGAPI-2e1ce1cf-6ec5-41ae-956a-d38e84664106";
const xmlhttp = new XMLHttpRequest();
xmlhttp.onreadystatechange = function () {
    if (xmlhttp.status == 200) {
        result = this.responseText;

        const user_info = JSON.parse(result);
        const uid = user_info["id"];
        const url2 = "https://kr.api.riotgames.com/lol/league/v4/entries/by-summoner/" + uid + "?api_key=RGAPI-2e1ce1cf-6ec5-41ae-956a-d38e84664106";
        const xmlhttp2 = new XMLHttpRequest();
        xmlhttp2.onreadystatechange = function () {
            if (xmlhttp2.status == 200) {
                const user_info2 = JSON.parse(this.responseText);
                let tier;
                let rank;
                let point;
                if (user_info2.length === 2) {
                    if (user_info2[0]["queueType"] === "RANKED_SOLO_5x5") {
                        tier = user_info2[0]["tier"];
                        rank = user_info2[0]["rank"];
                        point = user_info2[0]["leaguePoints"];
                    }
                    else {
                        tier = user_info2[1]["tier"];
                        rank = user_info2[1]["rank"];
                        point = user_info2[1]["leaguePoints"];
                    }

                }
                else if (user_info2.length === 1) {
                    if (user_info2[0]["queueType"] === "RANKED_SOLO_5x5") {
                        tier = user_info2[0]["tier"];
                        rank = user_info2[0]["rank"];
                        point = user_info2[0]["leaguePoints"];
                    }
                    else {
                        tier = "UNRANK";
                        rank = "UNRANK";
                        point = "UNRANK";
                    }
                }
                else {
                    tier = "UNRANK";
                    rank = "UNRANK";
                    point = "UNRANK";
                }
```

```
fetch("/connect", {
    method: "POST",
    headers: {
        'Content-Type': 'application/json',
    },
    body: JSON.stringify({ name, nickname, id, depart, tier, rank, point })
}).then((res) => res.text())
    .then((txt) => {

        if (txt === "OK") {
            location.href = "./main.html";
            window.localStorage.setItem("name", name);
            window.localStorage.setItem("nickname", nickname);
            window.localStorage.setItem("id", id);
            window.localStorage.setItem("depart", depart);
            window.localStorage.setItem("tier", tier);
            window.localStorage.setItem("rank", rank);
            window.localStorage.setItem("point", point);
        }
        else {
            if (count === 0) {
                count++;
                alert("소환사 명과 학번이 일치하지 않습니다.");
            }
        }


    })
            }
        }
```

```
app.use(express.json());
//user안의 json 형식: { name: "김준성", nickname: "hide on bush", id: "2018312075", depart: "소프트웨어학과", tier: "", rank: "", point: "" }
let user = [];
let user_count = 1;


app.post('/connect', (req, res) => {
    let flag = 1;
    let flag2 = 1;
    user.forEach((e) => {
        if (e["id"] === req.body["id"]) {
            flag = 0;
            if (e["nickname"] !== req.body["nickname"]) {
                console.log("소환사명과 학번이 일치하지 않습니다.");
                flag2 = 0;
            }
        }
    })
    if (flag) {
        user.push(req.body);
        user_count++;
    }
    if (flag2) {
        res.send(200);
    }
    else {
        res.send(400);
    }


})
```

Store in local storage and server

Implementation : Ranking in SKKU

RANKING in SKKU

#	NickName	Name	Tier	Point	Department
1	Irenelrene	홍길동	CHALLENGER I	1732	소프트웨어학과
2	hideonbush	김준성	MASTER I	232	소프트웨어학과
3	강경자	박윤서	PLATINUM IV	24	생명과학과
4	오리둥	오준석	GOLD III	4	생명과학과

Ranking sorting in SKKU

RANKING in 생명과학

#	NickName	Name	Tier	Point	Department
1	강경자	박윤서	PLATINUM IV	24	생명과학과
2	오리둥	오준석	GOLD III	4	생명과학과

Ranking sorting by department

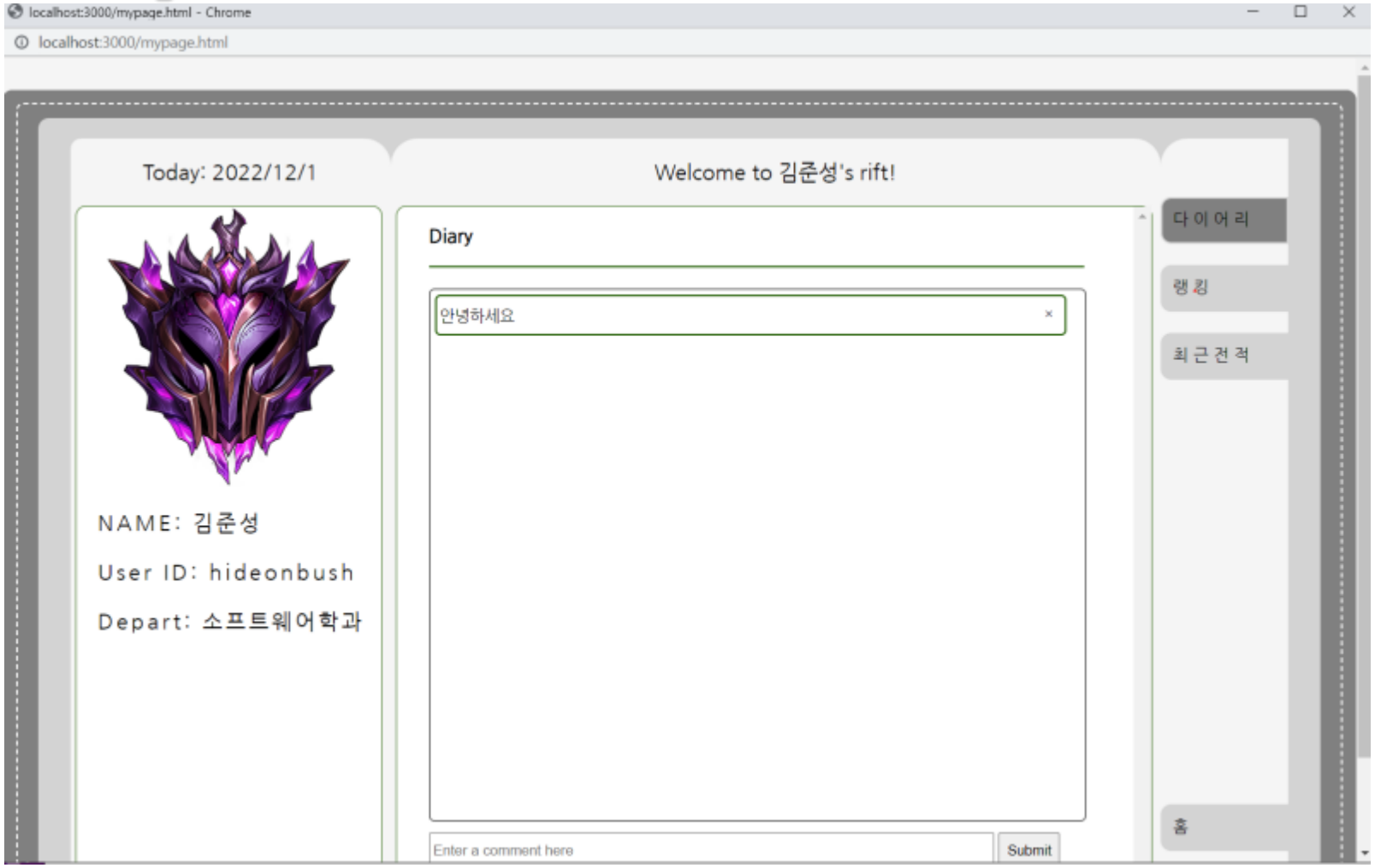
Implementation : Ranking in SKKU

```
function calcVal(rank, tier, point) {
  let value = 0;
  switch (tier) {
    case "IRON":
      value += 0;
      break;
    case "BRONZE":
      value += 10000;
      break;
    case "SILVER":
      value += 20000;
      break;
    case "GOLD":
      value += 30000;
      break;
    case "PLATINUM":
      value += 40000;
      break;
    case "DIAMOND":
      value += 50000;
      break;
    case "MASTER":
      value += 60000;
      break;
    case "UNRANK":
      value = 0;
      break;
    default:
      value += 70000;
      break;
  }
```

```
switch (rank) {
  case "I":
    value += 4000;
    break;
  case "II":
    value += 3000;
    break;
  case "III":
    value += 2000;
    break;
  case "IV":
    value += 1000;
    break;
  default:
    value += 0;
    break;
}
if (point === "UNRANK") value = 0;
else {
  value += point;
}
```

Sorting with weight value

Implementation : Mini homepage



Diary

Write simple comments in own diary page

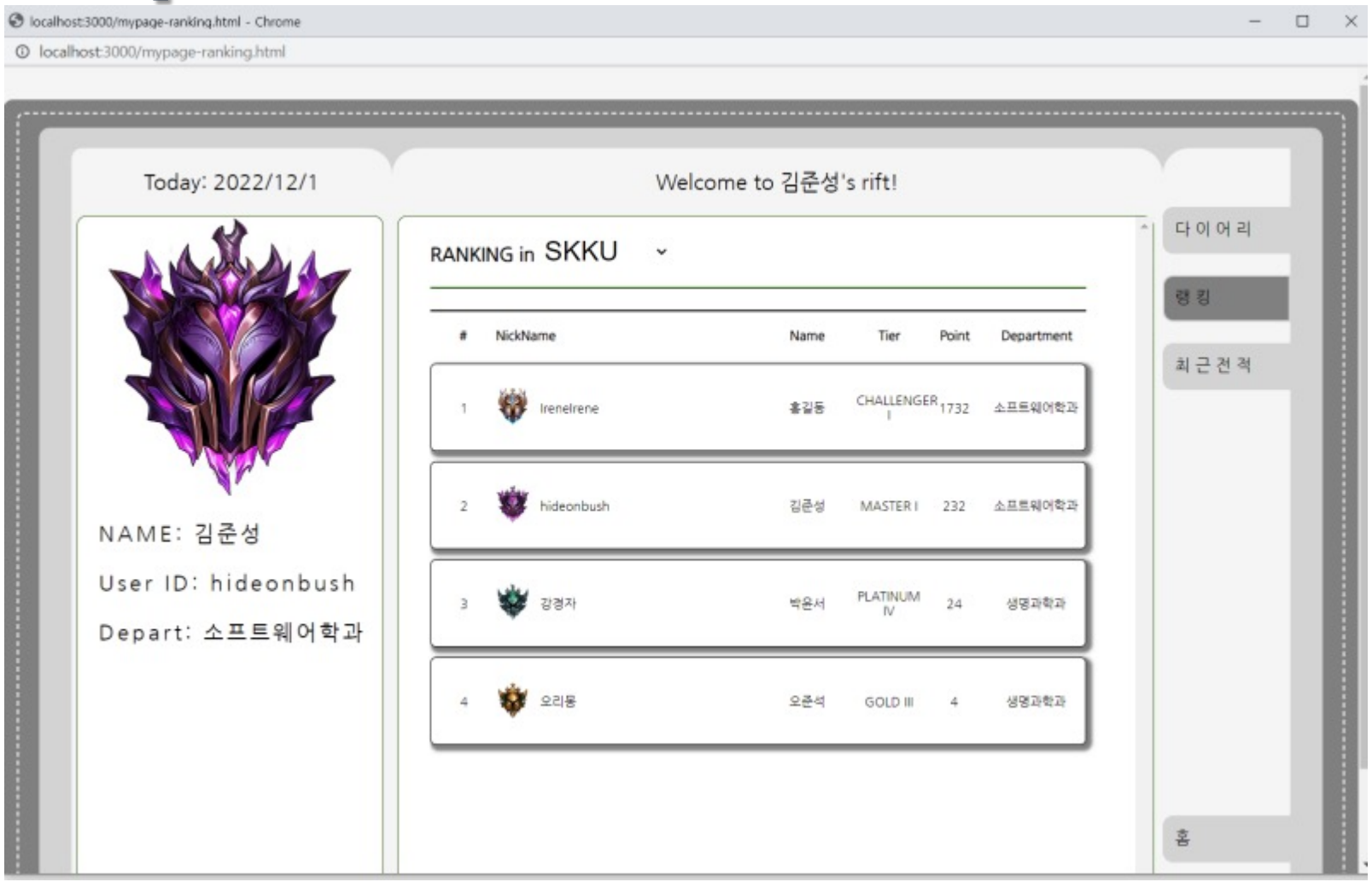
Implementation : Mini homepage

```
  document.getElementById("submit").addEventListener("click", () => {
    let input = document.getElementById("chat");
    let chat = input.value;

    fetch("/chats", {
      method: "POST",
      headers: {
        "Content-Type": "application/json",
      },
      body: JSON.stringify({ chat }),
    }).then(() => {
      loadChats();
    });
    input.value = "";
  });


});

function loadChats() {
  fetch("/chats", { method: "GET" })
    .then((res) => res.json())
    .then((chats) => {
      let list = document.getElementById("chats");
      list.innerHTML = "";
      chats.forEach((chat) => {
        let li = document.createElement("div");
        li.className = "chatBox";
        li.innerHTML = chat;

        let del = document.createElement("button");
        del.id = "deleteBox";
        del.innerHTML = '<i class="bi bi-x"></i>';
        del.onclick=() =>{
          li.remove($(this));
          fetch("/del", {
            method: "POST",
            headers: {
              "Content-Type": "application/json",
            },
            body: JSON.stringify({ chat }),
          });
        };
        li.appendChild(del);
        list.appendChild(li);
```

Diary

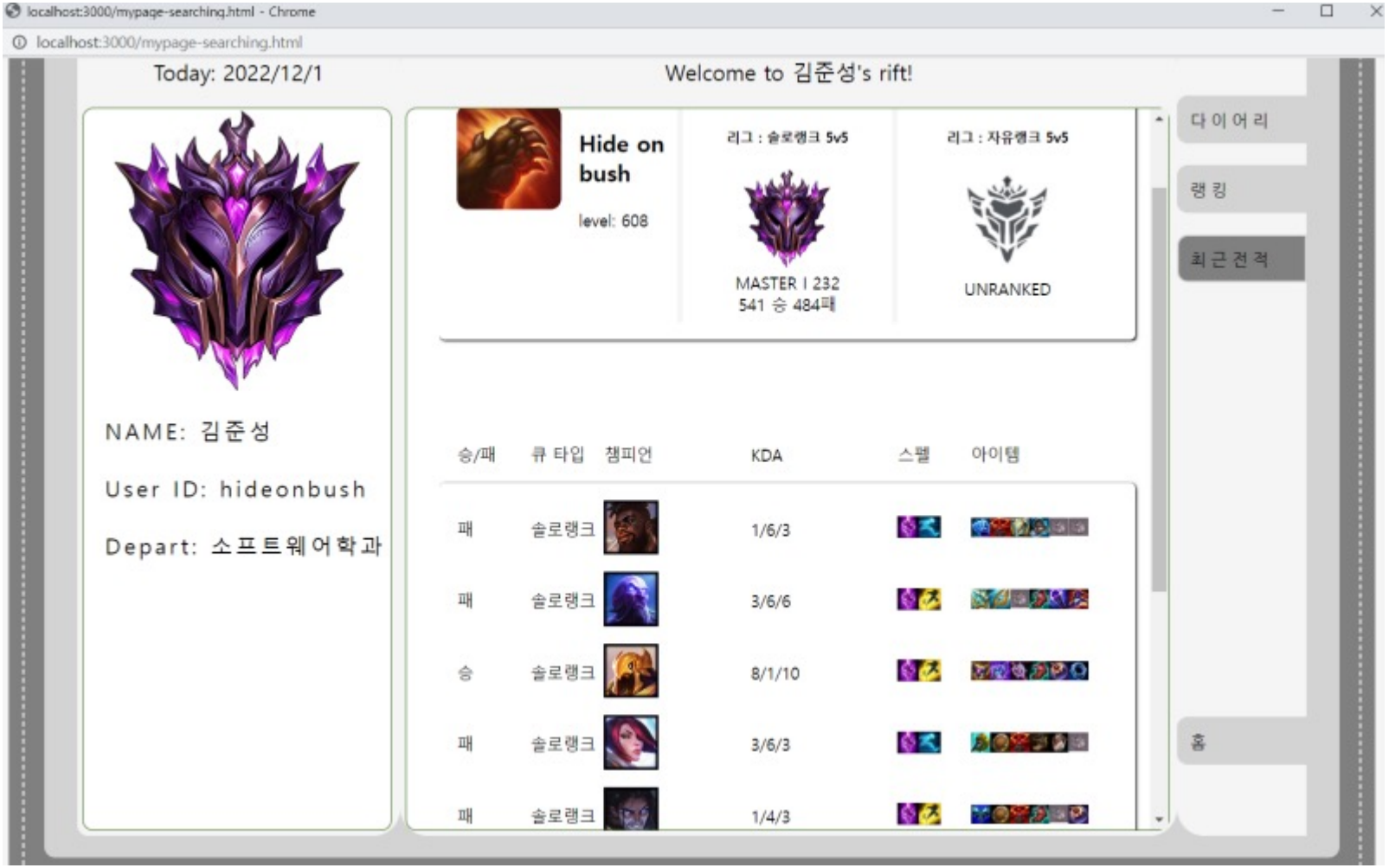
With lab session chatting app

Implementation : Mini homepage



Ranking

Implementation : Mini homepage



Recent Game Log

Implementation: with Git

Overview

16 Active pull requests

4 Active issues

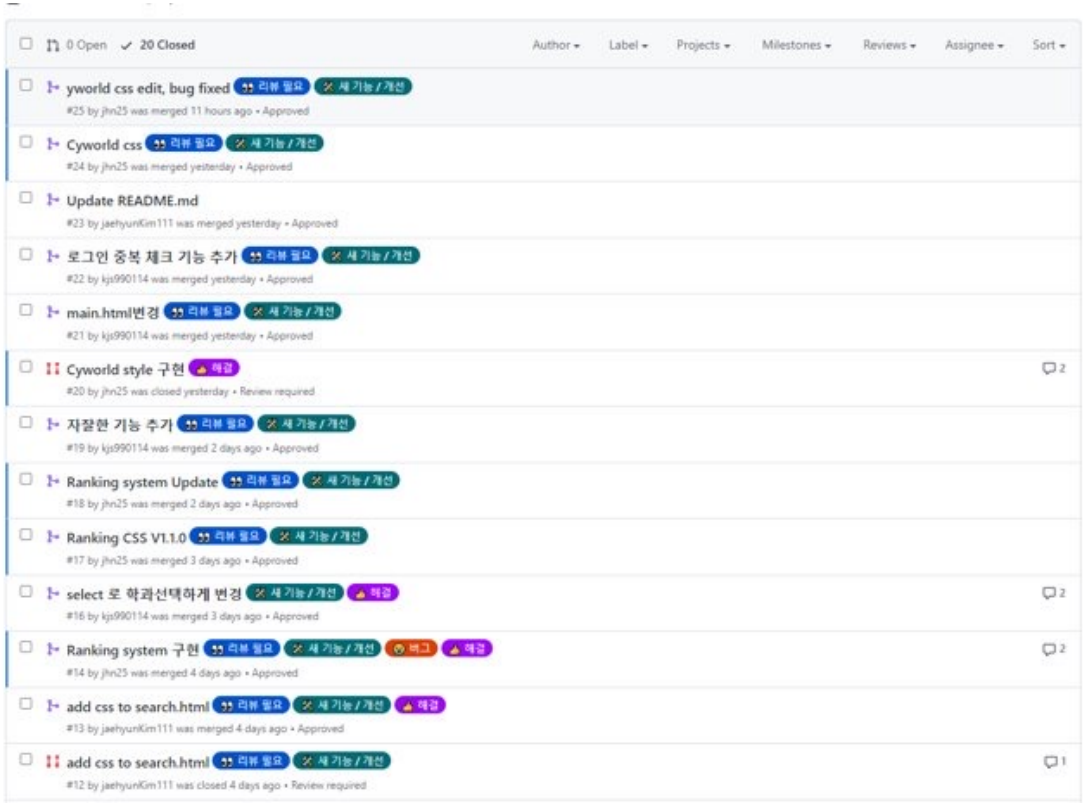
16	0	4	0
Merged pull requests	Open pull requests	Closed issues	New issues

Active branches

cyworld	Updated yesterday by jhoon	6 | 0	#25 Merged
jaehyunKim111-patch-1	Updated yesterday by jaehyunKim111	12 | 0	#23 Merged
fix/m	Updated yesterday by kjs990114	20 | 0	#22 Merged
ranking	Updated 2 days ago by jhoon	29 | 1	#20 Closed
fix/main	Updated 2 days ago by kjs990114	33 | 0	#19 Merged
fix/index	Updated 3 days ago by kjs990114	41 | 0	#16 Merged
css	Updated 5 days ago by jaehyunKim111	50 | 0	#13 Merged
hotfix/index	Updated 5 days ago by kjs990114	54 | 0	#8 Merged
dev/searching	Updated 5 days ago by kjs990114	55 | 0	#6 Merged
index/css	Updated 8 days ago by kjs990114	64 | 0	#1 Merged

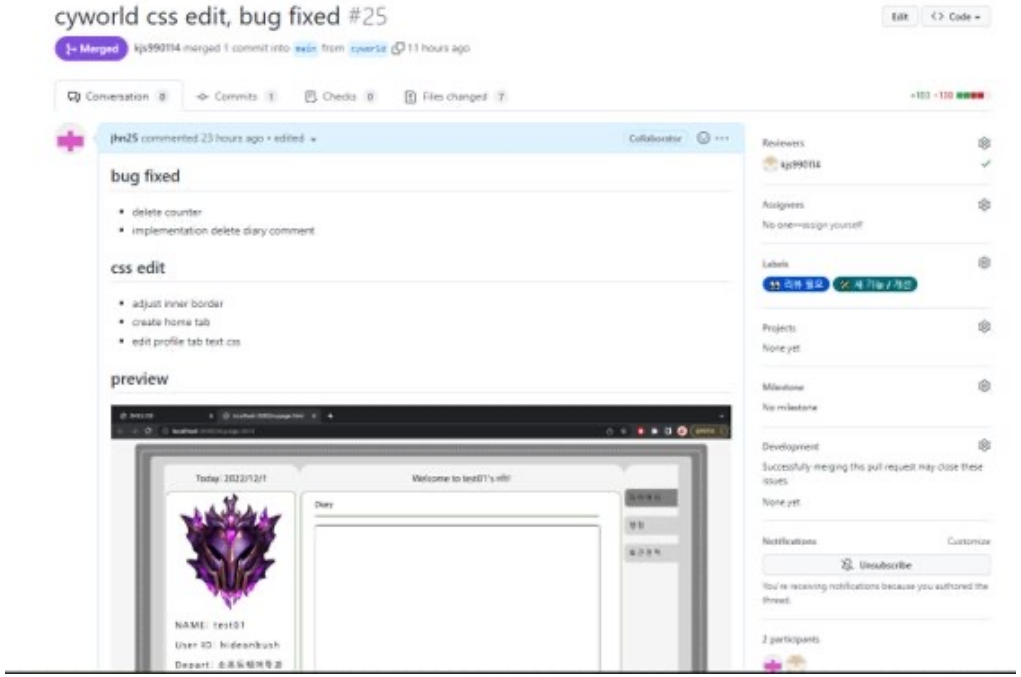
Branch

Implementation: with Git

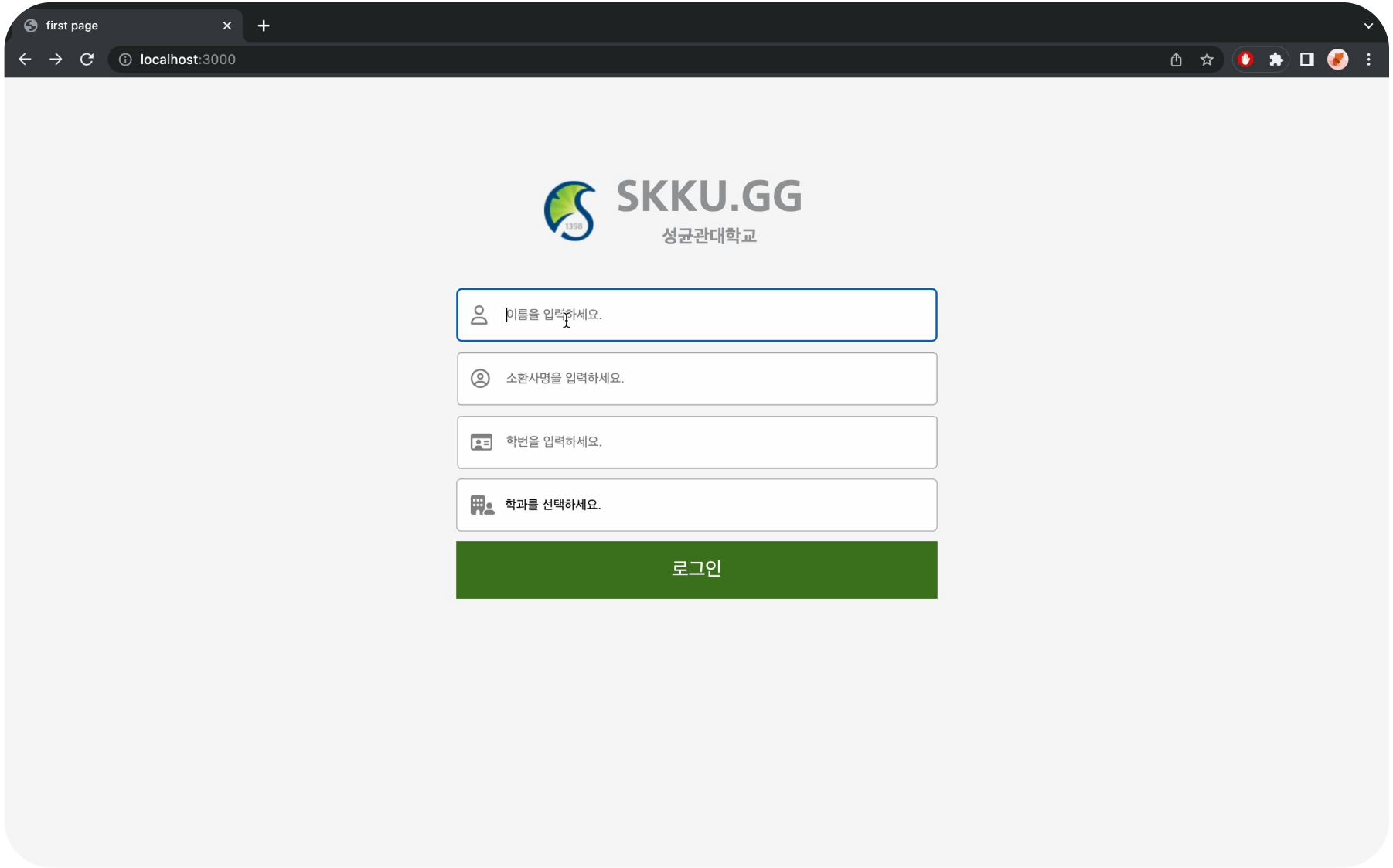


Pull Request

Issues



Testing


first page
localhost:3000
SKKU.GG
성균관대학교
이름을 입력하세요.
소환사명을 입력하세요.
학번을 입력하세요.
학과를 선택하세요.
로그인

Open-Source Software Programming
Team project Presentation

Thank you

Team 1 김준성 김재현 이재훈