

U2 API documentation

Introduction

This serves as the description to the assignment of U2.

Resource formats

The default resource format is JSON (application/json).

Prefix

The server runs on the PHP built in webserver application and is intended to use `http://localhost:80/api/` as the prefix to access the API's resources.

Register a user

Registering a user is a HTTP POST method to the <http://localhost:80/api/register.php> endpoint and need the following =>

```
{
  "username": "...",
  "password": "...",
}
```

Using AJAX would look something like this =>

```
fetch("api/register.php", {
  method: "POST",
  headers: {"Content-Type": "application/json"},
  body: JSON.stringify({
    username: this.elements.username.value,
    password: this.elements.password.value,
  }),
});
```

Response from server => “{
 “username”: “the username entered”,
 “password”: “the password entered”,
 “points”: (int) 0,
}”

Login with a user

Registering a user is a HTTP POST method to the <http://localhost:80/api/login.php> endpoint and need the following =>

“{
 “username”: “...”,
 “password”: “...”,
}”

Using AJAX would look something like this =>

```
fetch("api/login.php", {  
    method: "POST",  
    headers: {"Content-Type": "application/json"},  
    body: JSON.stringify({  
        username: this.elements.username.value,  
        password: this.elements.password.value,  
    }},  
});
```

Response from server => “{
 “username”: “the username entered”,
 “password”: “the password entered”,
}”

See the highscore

Registering a user is a HTTP GET method to the <http://localhost:80/api/points.php>

Using AJAX would look something like this =>

```
fetch("api/points.php/");
```

Response from server => [

```
    "{
      "username": "highest score username",
      "points": "highest score",
    },
    "{
      "username": "2end highest score username",
      "points": "2end highest score",
    },
    "{
      "username": "3rd highest score username",
      "points": "3rd highest score",
    },
    "{
      "username": "4th highest score username",
      "points": "4th highest score",
    },
  ]
```

Get Image and alternatives in the quiz

Registering a user is a HTTP GET method to the <http://localhost:80/api/quiz.php>

Using AJAX would look something like this =>

```
fetch("api/quiz.php/");
```

```
Response from server => {
  "image": "url of the right dog"
  "alternatives": "[
    {
      "correct": "true or false (true if right dog)",
      "name": "dog name",
    },
    {
      "correct": "true or false (true if right dog)",
      "name": "dog name",
    },
    {
      "correct": "true or false (true if right dog)",
      "name": "dog name",
    },
    {
      "correct": "true or false (true if right dog)",
      "name": "dog name",
    },
  ]"
}
```

Wrong request / ERRORS

Will Respond with 404 if a wrong request or an error of some kind and a json message.

And if the Server error will respond with 500.