

## Router/API Document - HabitConnect

//{something}: something would be a variable in URL

Pages we are going to have:

- HomePage
- UserInfoPage
- Sign-in page
- Sign-up page
- LeaderboardPage
- Goal details Page

Router:

- www.habitConnect.com/signin
- www.habitConnect.com/signup
- www.habitConnect.com/{user\_id}/home
- www.habitConnect.com/{user\_id}/leaderboard
- www.habitConnect.com/{user\_id}/goal/{goal\_id}

Session Storage:

we can access following information at any page by:

- user\_id: sessionStorage.getItem("userID")
- token: sessionStorage.getItem("userToken") **(done)**
- userName: sessionStorage.getItem("userName") **(done)**
- Streak: sessionStorage.getItem("userStreak") **(done)**
- FirstName: sessionStorage.getItem("userFname")
- LastName: sessionStorage.getItem("userLname")

**User Information: GET+POST**

**Sign in: GET**

**Sign up: POST**

API document:

API we need in the front-end:

Requirements:

1. We need a GET method for user information including all user information but password.  
parameters: user\_id
2. We need a POST method for user sign-up. **(done)**  
**Current: http://localhost:8081/api/user/signup**
3. We need one or many POST methods to change user information (not password).  
parameters: user\_id, field\_name, data  
return: bool

4. We need a GET method to get a user's goals (habits). **(done)**

parameters: user\_id

expect return: a list of all habits

**Current: localhost:8081/api/habit/getHabits?user\_id={userId}**

example return:

```
{
  "habits": [
    {
      "id": 1,
      "name": "Drink Water",
      "streak": 10
    },
    {
      "id": 2,
      "name": "Morning Exercise",
      "streak": 7
    },
    {
      "id": 3,
      "name": "Read a Book",
      "streak": 5
    },
    {
      "id": 4,
      "name": "Meditation",
      "streak": 12
    }
  ]
}
```

5. We want a POST method to update the habit.

parameters: habit\_id, user\_id, field\_name, data

return: bool

6. We want a POST method to add a new habit

parameters: user\_id, data(all fields of a habit)

return: bool

7. We want a DELETE method to delete habits.

parameters: habit\_id, user\_id

return: bool

8. We want a POST method for password updating

parameters: user\_id, old\_password, new\_password

if the old password matches, then update the password with the new password, else returns an error

- 9.