API List

1. Register

Path: /register/confirm

POST Request body:

{

    "username": "user1",

    "password1": "1234",

"password2": "1234"

"email": "1234@gmail.com"

"sec\_code": "8574"

}

Response:

{

    "user": "registered user1",

}

1. Send verification code via email

Path: /register/sendCode

POST Request body:

{

"email": "1234@gmail.com"

}

Response:

{

    "message": "code send",

}

1. Login

Path: /login

POST Request body:

{

    "username": "user1",

    "password": "1234",

}

Response:

{

"message": "ok",

"username": "user",

"email": "1234@gmail.com",

"date-joined": "random date",

"groups": "User, Provider",

}

1. Logout

Path: /logout

POST Request body:

{}

Response:

{

    "message": "logged out",

}

1. Apply to rent an item

Path: /rent/:item\_id

POST Request body:

{

    Empty

}

Response:

{

    "message": "Application successfully sent",

}

1. Get user’s data

Path: /:userId/info

GET Request body:

{

    Empty

}

Response:

{

"username": "user1",

"email": "email

"group": "Supplier",

"date-joined": "date"

}

1. Apply to become supplier(提供者)

Path: /user/supplier/apply

POST Request body:

{

    "user\_id": 2,

}

Response:

{

    "message": "Application successfully sent",

}

1. Check user’s rented items

Path: /rented/:userId

GET Request body:

{

    Empty

}

Response:

{

    "items": "[{

"item\_id": "1",

"name": "item1",

"Status": "Taken"

"Reason": "it seems nice"

"date": "Random date"

}]" // it might be a list

}

1. Check user’s all requests/applications

Path: /:userID/requests/:request\_type

GET Request body (URL encoded):

{

Empty

}

Response:

{

    "requests": "[{ // it might be a list

"req\_id": 1,

"status": "Accepted",

"item": "student1",

"reason": "It seemed nice",

"date": "some date",

}]"

}

1. Apply to add an item (have to be 提供者)

Path: /supplier/add

POST Request body:

{

"user\_id": 2,

    "item\_name": 2,

}

Response:

{

"item\_id": 1

"msg": "successfully send application”

}

1. Edit item (user have to be a 提供者)

Path: /supplier/:userId /edit/:item\_id

POST Request body:

{

    "item\_name": Cool item,

}

Response:

{

"item\_id": 1

"new\_name": "name”

"status": "Available",

}

1. Return a rented item

Path /supplier/:userId /return/:item\_id

POST Request body:

{

Empty

}

Response:

{

"msg": “ok”

}

1. Supplier approves/rejects a request for renting

Path: /:userId/check/:req\_id/:action (Action should be “accept” or “reject”)

POST Request body:

{

Empty

}

Response:

{

"msg": “Approved ok”

}

Or {

"msg": “Not ok”

}

1. Return a rented item

Path: /user/return/:item\_id

POST Request body:

{

Empty

}

Response:

{

"msg": “ok”

}

Or {

"msg": “Not ok”

}

1. Check all items

Path: /items

GET Request body:

{

Empty

}

Response:

{

    "list": "[{

"item\_id": "1",

"name": "item1",

"Status": "Taken"

}]" // it might be a list

}