**Hi!**

**This is Dai. There are several steps to let you run app.py on your local computer.**

**Step1: download db.py app.py requirements.txt to a file**

**Step2: on terminal, guide the path to the file that contain those three**

**Step3: on terminal, “pip3 install -r requirements.txt”**

**Step4: on terminal, “python app.py”**

**Step5: it should be running on local host, so, the endpoint is http://0.0.0.0:5000/...(ex. api/users/)**

**Step6: after hitting the endpoint, provide info for each function as “send” listed below, you will get info in “return”. all in json format.**

1. **create\_user**

@app.route("/api/users/", methods=['POST'])

Send:

{

    "name": "Dai Yijia",

    "netid": "yd73",

    "social\_account": "hhh",

    "password": "666"

}

Return:

{

    "success": **true**,

    "data": {

        "id": 1,

        "name": "Dai Yijia",

        "netid": "yd73",

        "event\_created": [],

        "event\_interested": []

    }

}

1. **get\_user**

@app.route("/api/users/<int:user\_id>/", methods=['GET'])

Return:

{

    "success": **true**,

    "data": {

        "id": 1,

        "name": "Dai Yijia",

        "netid": "yd73",

        "event\_created": [],

        "event\_interested": []

    }

}

1. **Send\_friend\_request**

@app.route("/api/users/<int:user\_id>/send/", methods=['POST'])

Send:

{

    "friend\_id":"1"

}

Return:

{

    "success": **true**,

    "data": {

        "id": 1,

        "sender\_id": 1,

        "receiver\_id": 2,

        "accepted": "false"

    }

}

1. **Get\_friend\_request**

@app.route("/api/requests/<int:request\_id>/", methods=['GET'])

Return:

{

    "success": **true**,

    "data": {

        "id": 1,

        "sender\_id": 1,

        "receiver\_id": 2,

        "accepted": "false"

    }

}

1. **Receive\_friend\_request**

@app.route("/api/users/<int:receiver\_id>/receive/", methods=['POST'])

Send:

{

    "request\_id": "1",

    "accepted": "true"

}

Return:

{

    "success": **true**,

    "data": {

        "id": 1,

        "sender\_id": 1,

        "receiver\_id": 2,

        "accepted": "true"

    }

}

1. **Create\_event**

@app.route("/api/event/<int:user\_id>/", methods=['POST'])

Send:

{

    "title": "Space  Travel",

    "location": "Mars",

    "time": "now",

    "description": "I want to use SpaceX.",

    "publicity": "true"

}

Return:

{

    "success": **true**,

    "data": {

        "id": 3,

        "title": "Space  Travel",

        "location": "Mars",

        "time": "now",

        "description": "I want to use SpaceX.",

        "publicity": "true",

        "tag": [],

        "creator": [

            {

                "id": 2,

                "name": "Elon Musk",

                "netid": "em73",

                "social\_account": "hhh",

                "event\_created": [

                    "id",

                    "title",

                    "location",

                    "time",

                    "description"

                ],

                "event\_interested": []

            }

        ],

        "attender": []

    }

}

1. **Interest\_event (now it has a little trouble when trialing)**

@app.route("/api/event/<int:event\_id>/", methods=['POST'])

Send: