# 1.<http://localhost:5000/authorization/authorize>

GET

Body:

{

    "access\_token":"7fa8a6e9fde2f4e1dfe6fb029af47c9633d4b7a616a42c3b2889c5226a20238d",

    "user\_id":"Jason"

}

Response:

{

    "result": "Valid"/"Invalid"/"Expired"

}

# 2.<http://localhost:5000/authorization/refreshToken>

POST

Body:

{

    "refresh\_token":"56e4d47b8bbbc0e2c4b9c80c0a21d10cb64d618d36a970706edbb14b4d9baca8",

    "user\_id":"Jason"

}

Response:

{

    "new\_access\_token": "61c51caeb61edbcbc911485597a6178a013e4c482160f15c8db22ecdc756ddcd",

    "new\_refresh\_token": "c3ce05f03a63a73425d2d34baaae7f63ff029b670811494e0b07eeb086d423e8"

}

# 3.<http://localhost:5000/record>

GET

Body:

{

    "time\_start":1,

    "time\_end":1747126860

}

Response:

{

    "accounts": [

        {

            "boss": "Sally",

            "employee": "Jason"

        }

    ],

    "data": [

        {

            "time": 1747126859.0429235,

            "type": "o",

            "user\_id": "Jason"

        },

        {

            "time": 1747126857.9755504,

            "type": "i",

            "user\_id": "Jason"

        }

    ],

    "status": "success"

}

# 4.<http://localhost:5000/record>

POST

Body:

{

    "user\_id":"Jason",

    "type":"late",

    "time":1747126860,

    "duration":360

}

Response:

{

    "status": "success"

}

# 5.<http://localhost:5000/salary/logs>

GET

Body:

{

    "start\_time":1,

    "end\_time":1747126864

}

Response: [

    {

        "duration": 3600.0,

        "time": 1747126862.4526868,

        "type": "late",

        "user\_id": "Jason"

    },

    {

        "duration": 7200.0,

        "time": 1747126863.493728,

        "type": "overtime",

        "user\_id": "Jason"

    },

    {

        "duration": 360.0,

        "time": 1747126860.0,

        "type": "late",

        "user\_id": "Jason"

    },

    {

        "duration": 28800.0,

        "time": 1747126861.4332578,

        "type": "absent",

        "user\_id": "Jason"

    }

]

# 6.<http://localhost:5000/salary/update>

POST

Body:

{

    "user\_id":"Jason",

    "salary":15000

}

Response:

{

    "message": "Salary updated successfully"

}

# 7.<http://localhost:5000/salary/find>

GET

Body:

{

    "user\_id":"Jason"

}

Response:

{

    "salary": 15000.0,

    "user\_id": "Jason"

}

# 8.<http://localhost:5000/boss/subordinate_record>

GET

Header:

{

    "X-User-ID":"Sally",

    "Authorization":"161c61c5b0254f9f41b0de7b86115d28b407a392c8c016e472f2c504f33a11bd"

}

Body:

{

    "user\_id":"Jason",

    "start\_time":1,

    "end\_time":1747126860

}

Response:

{

    "data": [

        {

            "time": 1747126857.9755504,

            "type": "i",

            "user\_id": "Jason"

        },

        {

            "time": 1747126859.0429235,

            "type": "o",

            "user\_id": "Jason"

        }

    ]

}

# 9.<http://localhost:5000/boss/subordinate_salary>

GET

Header:

{

    "X-User-ID":"Sally",

    "Authorization":"161c61c5b0254f9f41b0de7b86115d28b407a392c8c016e472f2c504f33a11bd"

}

Body:

{

    "user\_id":"Jason"

}

Response:

{

    "data": [

        {

            "salary": 15000.0,

            "user\_id": "Jason"

        }

    ]

}

# 10.<http://localhost:5000/employee/register>

POST

Body:

{

    "account":"Kevin",

    "password":"Kevin",

    "boss\_id": "John"

}

Response:

{

    "data": {

        "access\_token": "0e4dd66217fc8d2e298b78c8cd9392870dcd065d0ff675d0edff5bcd227837e9",

        "account": "Kevin",

        "boss\_id": "John",

        "created\_at": 1747130148.432823,

        "password": "Kevin",

        "refresh\_token": "87c48be138657ed5c2107ff638a646dee87847a3f3928ec8fee0a8f65e191b6f"

    },

    "message": "註冊成功",

    "status": "success"

}

# 11.<http://localhost:5000/employee/records>

GET

Header:

{

    "X-User-ID":"Jason",

    "Authorization":"161c61c5b0254f9f41b0de7b86115d28b407a392c8c016e472f2c504f33a11bd"

}

Body:

{

    "user\_id":"Jason",

    "start\_time":1,

    "end\_time": 1747126860

}

Response:

{

    "data": [

        {

            "time": 1747126859.0429235,

            "type": "o",

            "user\_id": "Jason"

        },

        {

            "time": 1747126857.9755504,

            "type": "i",

            "user\_id": "Jason"

        }

    ],

    "message": "查詢成功",

    "status": "success"

}

# 12.<http://localhost:5000/employee/salary>

GET

Header:

{

    "X-User-ID":"Jason",

    "Authorization":"161c61c5b0254f9f41b0de7b86115d28b407a392c8c016e472f2c504f33a11bd"

}

Body:

{

    "user\_id":"Jason"

}

Response:

{

    "data": [

        {

            "salary": 15000.0,

            "user\_id": "Jason"

        }

    ],

    "message": "查詢成功",

    "status": "success"

}