II. GFaceManeger API 文件檔

II. GFaceManeger API Documentation

1. General :

⊖ Introduction

The Http Header {GFaceToken:5K4TJ04Y4AJ3S86X96YJI4TOKEN} should be

added if you want to call the APIs beside the GFaceManager domain.

⊖ Http Statues

• Status Return Code: 200

Response for successful POST requests.

• Status Return Code: 401

Response for authentication is required and has failed or has not yet

been provided. (Please add The HΣ p Header GFaceToken when it occurred)

• Status Return Code: 400

Return {"Message":"error code"}

• Status Return Code: 500

Restart all servers.

If method above does not solve the issue, please contact liaison <CTC.

Facial.Recognition@gigabyte.com>

2.1 Search for the user list

⊖ Module

Path:

{URL}/GFaceManager/user

Method:

POST

PathParam:

Field	Type	Description
size	Pageable	(Default)size=10
page	Pageable	(Default)page=0

ParamBody:

Field	Type	Description
keywordList	List<string>	Search for the keyword(name/eng-name/jobnumber/email) (If request body does not contain this field ,the default is searching for

		all)
startDate	Date	The start date of search for user's create date
endDate	Date	The last date of search for user's create date

Field	Type	Description
id	ObjectId	The document id
name	String	Name
jobNumber	String	Staff number
engName	String	English name
email	String	E-mail address
faceStaticIR	ObjectId	Model document id
createDate	Datetime	The date when user has been created
modifyDate	Datetime	The date when user has been modified
isActive	Boolean	This user can be recognized or not
authorization	List<String>	The ways user need to be authorized

⊖ Example - 1

Request:

Access for the page no.151 of all the users and 3 requested users per page.

Path:

http://localhost:8080/GFaceManager/user?page=150&size=3

ParamBody: { }

Response:

```
{
        "content":[
                {
                                "id":"5c4fd2cfdef01907583cc516",
                                "name":"アルバー・バーグ",
                                "jobNumber":"u123456",
                                "engName":" Alva Berg ",
                                "email":" alva.berg@gigabyte.com",
                                "faceStaticIR":"5c4fd2d3def0190759be2fc0",
                                "createDate":1548735183662,
                                "modifyDate":1548735187263,
                                "isActive":true,
                                "authorization":[
                                        "face"
                                ]
                },
                {
                                "id":"5c4fd1b949df000771a2360d",
                                "name":"エルトン・ジョン",
                                "jobNumber":"TA999999",
                                "engName":"Elton John",
                                "email":"elton.john@gigabyte.com",
                                "faceStaticIR":"5c4fd1b949df000771a2360e",
                                "createDate":1548734905369,
                                "modifyDate":1548734905377,
```

```
                    "isActive":true,
                    "authorization":[
                            "face"
                    ]
            },
            {

                    "id":"5c4985d8def01907583cc507",
                    "name":"流川楓",
                    "jobNumber":"999598",
                    "engName":"rukawakaede",
                    "email":" rukawakaede @gigabyte.com",
                    "faceStaticIR":"5c4985dedef0190759bdf98f",
                    "createDate":1548322264399,
                    "modifyDate":1548322270700,
                    "isActive":true,
                    "authorization":[
                            "face"
                    ]
            }
    ],
    "pageable":{
            "sort":{
                    "sorted":true,
                    "unsorted":false,
                    "empty":false
            },
            "offset":450,
            "pageNumber":150,
            "pageSize":3,
            "unpaged":false,
            "paged":true
    },
```

```
        "last":false,
        "totalPages":462,
        "totalElements":1386,
        "number":150,
        "size":3,
        "sort":{
                "sorted":true,
                "unsorted":false,
                "empty":false
        },
        "first":false,
        "numberOfElements":3,
        "empty":false
}
```

⊖ Example - 2

Request:

- Search for the user contains the keyword "reiko" in all the users.
- Create date between Fri Feb 16 2018 06:53:03 GMT+0800 and

Tue Jan 29 2019 12:13:03 GMT+0800 (Timestamp Format)

- Access the page no.1 and 3 requested users per page.

Path:

http://localhost:8080/GFaceManager/user?page=0&size=3

ParamBody

```
{
        "keywordList":["Alva"],
        "startDate":1518735183662,
        "endDate":1548735183662
}
```

Response:

```
{
        "content":[
                {
                                "id":"5c822e198ed426424d8b4567",
                                "name":" アルバー・バーグ",
                                "jobNumber":"u123456",
                                "engName":" Alva Berg ",
                                "email":" alva.berg@gigabyte.com",
                                "faceStaticIR":"5c4fd2d3def0190759be2fc0",
                                "createDate":1548735183662,
                                "modifyDate":1548735187263,
                                "isActive":true,
                                "authorization":[
                                                "face"
                                ]
                }
        ],
        "pageable":{
                "sort":{
                                "sorted":true,
                                "unsorted":false,
                                "empty":false
                },
                "offset":0,
                "pageNumber":0,
                "pageSize":3,
                "paged":true,
                "unpaged":false
        },
        "totalPages":1,
```

```
        "totalElements":1,
        "last":true,
        "number":0,
        "size":3,
        "sort":{
                "sorted":true,
                "unsorted":false,
                "empty":false
        },
        "first":true,
        "numberOfElements":1,
        "empty":false
}
```

2.2 Create a new user

⊖ Module

Path:

{URL}/GFaceManager/user/create

Method:

POST

ParamBody:

Field	Type	Description
name	String	Name
jobNumber	String	Staff number
engName	String	English name
email	String	E-mail address
isActive	Boolean	This user can be recognized or not

Response:

HttpStatus

2.3 Edit the User

⊖ Module

Path:

{URL}/GFaceManager/user/profile/:{jobNumber}

Method:

POST

ParamBody:

Field	Type	Description
name	String	Name
engName	String	English name
email	String	E-mail address
isActive	Boolean	This user can be recognized or not

Response:

HttpStatus

⊖ Example

Request:

Edit staff number u123456 user's information

Path:

http://localhost:8080/GFaceManager/user/profi le/u123456

ParamBody:

```
{
    "name":"エルバ・バーグ",
    "engName":"Elba Berg",
    "email":"elba.berg@gigabyte.com",
    "isActive":true
}
```

Response:

Httpstatus.200

2.4 Delete user

⊖ Module

Path:

{URL}/GFaceManager/user/delete/:{jobNumber}

Method:

DELETE

Response:

HttpStatus

2.5 Search for the Record List

⊖ Module

Path:

{URL}/GFaceManager/record/ctc

Method:

POST

PathParam:

Field	Type	Description
size	Pageable	(Default) size=10
page	Pageable	(Default) page=0

ParamBody:

Field	Type	Description
keywordList	List<string>	Search for the keyword(name/engname/ jobnumber) (If request body does not contain this Field ,the default is searching for all)
startDate	Datetime	The start date of the record's date
endDate	Datetime	The last date of the record's date
deviceList	List<String>	The name of the device where the rocord's made (If request body does not contain this field ,the default is searching for all)
isCorrect	Boolean	The record has been reported or not (default :true)

Response:

Field	Type	Description
id	ObjectId	The document id
cameraType	String	IR/RGB
scenarioType	String	Dynamic/static
machineCode	String	Name of the device where record made
device	String	Name of the door where record made
jobNumber	String	User's staff number
engName	String	User's identity status
name	String	User's name

cropImageIdRGB	ObjectId	The id of cropped picture of the record
imageIdRGB	ObjectId	The id of original picture of the record
createDate	Datetime	The date when record has been created
modifyDate	Datetime	The date when record has been modified
isCorrect	Boolean	Statues that record ever be reported or not

advancedAuth	List<Json>:
	[
	{
	  "auth": (string)
	  "status":
	(Boolean)
	}
	]
		The advanced authorization on ways Each element contains additional authentication process (eg. {"auth": "qrcode", "status":
		false} means that it requires QRCODE but user doesn't show to the device)

⊖ Example

Request:

· Search the records keyword is "Berg" in all records.

· Access the page no. 1 and 2 requested records per page.

Path:

http://localhost:8080/GFaceManager/record/ctc?page=0&size=2

ParamBody:

```
{
    "keywordList":["Berg"]
}
```

Response:

Httpstatus.200

```json
{
        "content": [
                {
                        "id": "5c81ddff9872016d635605b3",
                        "cameraType": "RGB",
                        "scenarioType": "static",
                        "machineCode": " machineCode_01",
                        "device": "door_01",
                        "jobNumber": " u123456",
                        "engName": " Alva Berg ",
                        "name": "アルバー・バーグ",
                        "cropImageIdRGB": "5c81ddff-9872016d635605ab",
                        "imageIdRGB": "5c81ddff-9872016d635605ad",
                        "createDate": 1552014839397,
                        "modifyDate": 1552014839397,
                        "isCorrect": true,
                        "advancedAuth": [ ],
                },
                {
                        "id": "5c81ddc79872016d63560577",
                        "cameraType": "RGB",
                        "scenarioType": "static",
                        "machineCode": " machineCode _02",
                        "device": "A02B",
                        "jobNumber": "u234567",
                        "engName": "Hans Berg",
                        "name": "ハーンス・バーグ",
                        "cropImageIdRGB": "5c81d-dc79872016d6356056f",
                        "imageIdRGB": "5c81d-dc79872016d63560571",
                        "createDate": 1552014780916,
                        "modifyDate": 1552014780916,
                        "isCorrect": true,
                        "advancedAuth": [
                                {
                                        "auth": "qrcode",
                                        "status": false
```

```json
                    }
                ],
            }
        ],
        "pageable": {
            "sort": {
                    "sorted": false,
                    "unsorted": true,
                    "empty": true
            },
            "offset": 0,
            "pageNumber": 0,
            "pageSize": 2,
            "unpaged": false,
            "paged": true
        },
        "last": false,
        "totalPages": 479,
        "totalElements": 957,
        "number": 0,
        "size": 2,
        "sort": {
                "sorted": false,
                "unsorted": true,
                "empty": true
        },
        "first": true,
        "numberOfElements": 2,
        "empty": false
}
```