

# Moien

## Webservice API documentation

**Note :** This document doesn't contain all the APIs. The full list of API and view via url : <https://testbo.moen.com/API/swagger.json>

### 1. Register

- Endpoint : <http://url/API/register/sendlinkurltomail>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
lastName	Last name	String	Yes
firstName	First name	String	Yes
genderId	Gender Id (M=1, F=2, O=3)	Long	Yes
birthDate	Date of birth (YYYY-MM-DD)	Date	Yes
login	Login	String	Yes
password	Password	String	Yes

**Header: Content-Type: application/json, orgEntityId: 1**

**Example request:**

```
{
  "lastName": "testLN",
  "firtName": "testFN",
  "genderId": 1,
  "birthDate": "1998-12-23",
  "login": "test@gmail.com",
  "password": "123"
}
```

- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further

	information
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

Key	Description	Type
peopleId	People id	Long
lastName	People last name	String
firstName	People first name	String
genderId	People gender id	Long
birthDate	People date of birth (in milliseconds)	Date
login	User login	String
password	User password	String
provider	Empty	String
providerId	Empty	String
imageUrl	Empty	String

**Example response:**

```
{
  "peopleId": null,
  "lastName": "testLN",
  "firstName": "testFN",
  "genderId": 1,
  "birthDate": 914371200000,
  "login": "test@gmail.com",
  "password": "123",
  "provider": null,
  "providerId": null,
  "imageUrl": null
}
```

### a. Send OTP code process

- Endpoint : <http://url/API/register/sendotpcodetomobile>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
key	Key generate by system and send to mail	String	Yes
mobile	Phone number	String	Yes

**Header: Content-Type: application/json, orgEntityId: 1**

**Example request:**

```
{
  "key": "e3ea2617-d58b-403b-ad0c-0ac819a74b13",
  "mobile": "+855-16545458"
}
```

- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

**Example response:** "VALIDATE\_MAIL\_SUCCESS"

## b. Validate OTP code process

- Endpoint : <http://url/API/register/validateotpcode>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
key	Key generate by system and send to mail	String	Yes
otpCode	Code generate and send to email or phone	String	Yes

**Header: Content-Type: application/json**

**Example request:**

```
{
  "key": "e3ea2617-d58b-403b-ad0c-0ac819a74b13",
  "otpCode": "536592"
}
```

- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist

500 Internal Server Error	The request not complete, you must check server error description from response
---------------------------	---

Key	Description	Type
id	Field id in table otp validation	Long
uid	Empty	String
uri	Empty	String
mobile	User phone number	String
key	Empty	String
otpCode	Code generates by system	String
uuid	Empty	String
secUserId	User id	Long

**Example response:**

```
{
  "id": 1,
  "uid": null,
  "uri": null,
  "mobile": "+855-16545458",
  "key": null,
  "otpCode": "536592",
  "uuid": null,
  "secUserId": 1
}
```

### c. Resend OTP code process

- Endpoint : <http://url/API/register/resendotpcodetomobile>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
key	Key generate by system and send to mail	String	Yes

**Header: Content-Type: application/json**

**Example request:**

```
{
  "key": "e3ea2617-d58b-403b-ad0c-0ac819a74b13"
}
```

- Response Status

Status code	Usage
-------------	-------

200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

Example response: ""

#### d. Get list OTP code by key

- Endpoint : <http://url/API/register/otpactivations/key/{key}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
key	Key generate by system and send to mail	String	Yes

- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

Key	Description	Type
id	Field id in table otp validation	Long
uid	Empty	String
uri	Empty	String
mobile	User phone number	String
key	Empty	String
otpCode	Code generates by system	String
uuid	Empty	String

secUserId	User id	Long
-----------	---------	------

**Example response:**

```
[
  {
    "id": 1,
    "uid": null,
    "uri": null,
    "mobile": "+855-16545458",
    "key": null,
    "otpCode": "341573",
    "uuid": null,
    "secUserId": 1
  }
]
```

### e. Get config key two step enabled

- Endpoint : <http://url/API/register/twostepsenabled>
- Method: **GET**
- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

Key	Description	Type
id	Field id in table otp validation	Long
uid	Empty	String
uri	Empty	String
mobile	User phone number	String
key	Empty	String
otpCode	Code generates by system	String
uuid	Empty	String
secUserId	User id	Long

**Example response:**

"true" / "false", if true register send email to confirm, false register without confirm email

## 2. Login

- Endpoint : <http://url/API/authentication/authenticate>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
username	Username	String	Yes
password	Password	String	Yes

**Header: Content-Type: application/json**

**Example request:**

```
{  
    "login": "test@gmail.com",  
    "password": "123"  
}
```

- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
403 Unauthorized	The request could not be authenticated. You must provide a valid access user name and password
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

Key	Description	Type
id	User id	Long
uid	Empty	String
uri	Empty	String
login	User login	String
desc	User name	String
pwd	User password	String
proCode	User profile code in BO	String

language.id	Language id	Long
language.uid	Empty	String
language.uri	Empty	String
language.code	Language code	String
language.desc	Language description FR	String
language.descEn	Language description EN	String
language.sortIndex	Language sort index	Integer
language.isActive	Language status record	Boolean
language.parentRefDataUri	Empty	String

**Example response:**

```
{
  "id": 3,
  "uid": null,
  "uri": null,
  "login": "test@gmail.com",
  "desc": "Test Test",
  "pwd": null,
  "proCode": "CUSTOMER",
  "language": {
    "id": 76,
    "uid": null,
    "uri": null,
    "code": "fr",
    "desc": "Français",
    "descEn": "Français",
    "sortIndex": 1,
    "isActive": true,
    "parentRefDataUri": null
  }
}
```

### 3. User

#### a. Get people by user id

- Endpoint : <http://url/API/users/{secUserId}/people>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	User id	Long	Yes



- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

Key	Description	Type
id	Field id in table people	Long
uid	Empty	String
uri	Empty	String
organizationId	Empty	Long
reference	Empty	String
lastName	People last name	String
lastNameEn	People last name En	String
firstName	People first name	String
firstNameEn	People first name En	String
emailPro	Empty	String
emailPerso	People email address	String
mobilePro	Empty	String
mobilePerso	People phone number	String
civilityId	Empty	Long
jobPositionId	Empty	Long
jobPositionDesc	Empty	String
employmentTypeId	Empty	Long
employmentTypeDesc	Empty	String
mobileTechnicianSalary	Empty	Boolean
mobileTechnicianMicroEntrepreneur	Empty	Boolean

photoPath	People profile image name	String
genderId	People gender id	Long
countryId	Empty	Long
secUserId	User id	Long
birthDate	People date of birth (in milliseconds)	Date
maritalStatus.id	Marital status id	Long
maritalStatus.uid	Empty	String
maritalStatus.uri	Empty	String
maritalStatus.code	Marital status code	String
maritalStatus.desc	Marital status description	String
maritalStatus.descEn	Marital status description En	String
maritalStatus.sortIndex	Marital status sort index	Integer
maritalStatus.isActive	Marital status status record	Boolean
maritalStatus.parentRefDataUri	Empty	String
nationality.id	Nationality id	Long
nationality.uid	Empty	String
nationality.uri	Empty	String
nationality.code	Nationality code	String
nationality.desc	Nationality description	String
nationality.descEn	Nationality description En	String
nationality.sortIndex	Nationality sort index	Integer
nationality.isActive	Nationality status record	Boolean
nationality.parentRefDataUri	Empty	String
nationalityText	People nationality text	String
otherNationality.id	Other nationality id	Long
otherNationality.uid	Empty	String
otherNationality.uri	Empty	String
otherNationality.code	Other nationality code	String
otherNationality.desc	Other nationality description	String
otherNationality.descEn	Other nationality description En	String

otherNationality.sortIndex	Other nationality sort index	Integer
otherNationality.isActive	Other nationality status record	Boolean
otherNationality.parentRefDataUri	Empty	String
workingForOrganization	Empty	OrganizationDTO Object
placeOfBirth.id	Zone id	Long
placeOfBirth.uid	Empty	String
placeOfBirth.uri	Empty	String
placeOfBirth.code	Zone code	String
placeOfBirth.desc	Zone description	String
placeOfBirth.descEn	Zone description En	String
placeOfBirth.sortIndex	Zone sort index	Integer
placeOfBirth.isActive	Zone status record	Boolean
placeOfBirth.refCode	Zone postal code	String
placeOfBirth.parent	Empty	ZoneDTO Object
placeOfBirth.gpsCoordinates	Empty	String
placeOfBirth.latitude	Latitude	Double
placeOfBirth.longitude	Longitude	Double
placeOfBirth.country.id	Country id	Long
placeOfBirth.country.uid	Empty	String
placeOfBirth.country.uri	Empty	String
placeOfBirth.country.code	Country code	String
placeOfBirth.country.desc	Country description	String
placeOfBirth.country.descEn	Country description En	String
placeOfBirth.country.sortIndex	Country sort index	Integer
placeOfBirth.country.isActive	Country status record	Boolean
placeOfBirth.country.parentRefDataUri	Empty	String
address.id	Address table id	Long
address.uid	Empty	String
address.uri	Empty	String
address.line1	Address line 1	String

address.line2	Address line 2	String
address.line3	Address line 3	String
address.postalCode	Address postal code	String
address.city	Address city name	String
address.cityOtherInfo1	Empty	String
address.cityOtherInfo2	Empty	String
address.cityOtherInfo3	Empty	String
address.latitude	Address latitude	Double
address.longitude	Address longitude	Double
address.comment	Address comment	String
address.country.id	Country id	Long
address.country.uid	Empty	String
address.country.uri	Empty	String
address.country.code	Country code	String
address.country.desc	Country description	String
address.country.descEn	Country description En	String
address.country.sortIndex	Country sort index	Integer
address.country.isActive	Country status record	Boolean
address.country.parentRefDataUri	Empty	String
address.zone.id	Zone id	Long
address.zone.uid	Empty	String
address.zone.uri	Empty	String
address.zone.code	Zone code	String
address.zone.desc	Zone description	String
address.zone.descEn	Zone description En	String
address.zone.sortIndex	Zone sort index	Integer
address.zone.isActive	Zone status record	Boolean
address.zone.refCode	Zone postal code	String
address.zone.parent	Empty	ZoneDTO Object
address.zone.gpsCoordinates	Empty	String

address.zone.latitude	Latitude	Double
address.zone.longitude	Longitude	Double
address.zone.country.id	Country id	Long
address.zone.country.uid	Empty	String
address.zone.country.uri	Empty	String
address.zone.country.code	Country code	String
address.zone.country.desc	Country description	String
address.zone.country.descEn	Country description En	String
address.zone.country.sortIndex	Country sort index	Integer
address.zone.country.isActive	Country status record	Boolean
address.zone.country.parentRefDataUri	Empty	String
address.province	Empty	ZoneDTO Object
address.district	Empty	ZoneDTO Object
address.commune	Empty	ZoneDTO Object
address.village	Empty	ZoneDTO Object
address.category	Empty	RefDataDTO Object
address.streetType	Empty	RefDataDTO Object
address.streetExtension	Empty	RefDataDTO Object
address.addressType.id	Address type id	Long
address.addressType.uid	Empty	String
address.addressType.uri	Empty	String
address.addressType.code	Address type code	String
address.addressType.desc	Address type description	String
address.addressType.descEn	Address type description En	String
address.addressType.sortIndex	Address type sort index	Integer
address.addressType.isActive	Address type status record	Boolean
address.addressType.parentRefDataUri	Empty	String

**Example response PeopleDTO:**

```
{
  "id": 1,
```

```

"uid": null,
"uri": null,
"organizationId": null,
"reference": null,
"lastName": "TestLN",
"lastNameEn": "TestLN",
"firstName": "TestFN",
"firstNameEn": "TestFN",
"emailPro": null,
"emailPerso": "test@gmail.com",
"mobilePro": null,
"mobilePerso": "+855-16545458",
"civilityId": null,
"jobPositionId": null,
"jobPositionDesc": null,
"employmentTypeId": null,
"employmentTypeDesc": null,
"mobileTechnicianSalary": false,
"mobileTechnicianMicroEntrepreneur": false,
"photoPath": "image.jpg",
"genderId": 1,
"countryId": null,
"secUserId": 1,
"secUser": {
  "id": 1,
  "uid": null,
  "uri": null,
  "login": "test@gmail.com",
  "desc": " TestLN TestFN",
  "pwd": null,
  "proCode": "CUSTOMER",
  "language": {
    "id": 76,
    "uid": null,
    "uri": null,
    "code": "fr",
    "desc": "Français",
    "descEn": "Français",
    "sortIndex": 1,
    "isActive": true,
    "parentRefDataUri": null
  }
},
"birthDate": 719798400000,
"maritalStatus": null,
"nationality": {
  "id": 3,
  "uid": null,
  "uri": null,
  "code": "ALB",
  "desc": "Albanie",
  "descEn": "Albania",
  "sortIndex": 1,
  "isActive": true,
  "parentRefDataUri": null
},
"nationalityText": "Cambodia",

```

```
"otherNationality": {
  "id": 1,
  "uid": null,
  "uri": null,
  "code": "AFG",
  "desc": "Afghanistan",
  "descEn": "Afghanistan",
  "sortIndex": 1,
  "isActive": true,
  "parentRefDataUri": null
},
"placeOfBirth": {
  "id": 2608,
  "uid": null,
  "uri": null,
  "code": "002608",
  "desc": "EVIGNY",
  "descEn": "EVIGNY",
  "sortIndex": null,
  "isActive": null,
  "refCode": "08090",
  "parent": null,
  "country": {
    "id": 76,
    "uid": null,
    "uri": null,
    "code": "FRA",
    "desc": "France",
    "descEn": "France",
    "sortIndex": 1,
    "isActive": true,
    "parentRefDataUri": null
  },
  "gpsCoordinates": null,
  "latitude": null,
  "longitude": null
},
"address": {
  "id": 140,
  "uid": null,
  "uri": null,
  "line1": "77 Rue",
  "line2": "",
  "line3": "Dirbach Plage",
  "streetType": {
    "id": 1,
    "uid": null,
    "uri": null,
    "code": "MON",
    "desc": "Montée",
    "descEn": "Climb",
    "sortIndex": 1,
    "isActive": true,
    "parentRefDataUri": null
  },
  "streetExtension": {
    "id": 3,
```

```

        "uid": null,
        "uri": null,
        "code": "QUA",
        "desc": "Quater",
        "descEn": "Quater",
        "sortIndex": 1,
        "isActive": true,
        "parentRefDataUri": null
    },
    "postalCode": "9153",
    "city": "DIRBACH",
    "cityOtherInfo1": null,
    "cityOtherInfo2": null,
    "cityOtherInfo3": null,
    "addressType": null,
    "category": null,
    "zone": {
        "id": 40011,
        "uid": null,
        "uri": null,
        "code": "0040011",
        "desc": "DIRBACH",
        "descEn": "DIRBACH",
        "sortIndex": null,
        "isActive": null,
        "refCode": "9153",
        "parent": null,
        "country": {
            "id": 130,
            "uid": null,
            "uri": null,
            "code": "LUX",
            "desc": "Luxembourg",
            "descEn": "Luxembourg",
            "sortIndex": 1,
            "isActive": true,
            "parentRefDataUri": null
        },
        "gpsCoordinates": null,
        "latitude": null,
        "longitude": null
    },
    "province": null,
    "district": null,
    "commune": null,
    "village": null,
    "country": {
        "id": 130,
        "uid": null,
        "uri": null,
        "code": "LUX",
        "desc": "Luxembourg",
        "descEn": "Luxembourg",
        "sortIndex": 1,
        "isActive": true,
        "parentRefDataUri": null
    },
    },

```



```

        "latitude": null,
        "longitude": null,
        "comment": null
    },
    "workingForOrganization": null
}

```

## b. Get user profile detail by user id

- Endpoint : <http://url/API/users/{secUserId}/profiledetail>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	User id	Long	Yes

- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

Key	Description	Type
secUserId	User table id	Long
people	People object	PeopleDTO Object
profileUrl	People profile image url	String
userProfileCode	User profile code (EMPTY, OWNER, TENANT, ALL)	String

### Example response:

```

{
    "secUserId": 3,
    "people": {},
    "profileUrl": "profile url",
    "userProfileCode": "ALL"
}

```

}

### c. Change email address process (Send to email)

- Endpoint : <http://url/API/users/changemail>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
peopleId	People id (Can use api get people by user id)	String	Yes
login	New email address (We update new mail in table people only, for login email in table user not update)	String	Yes

**Header: Content-Type: application/json**

**Example request:**

```
{  
  "peopleId": 1,  
  "login": "testNew@gmail.com"  
}
```

- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

Key	Description	Type
peopleId	People id	Long
lastName	People last name	String
firstName	People first name	String
genderId	People gender id	Long
birthDate	People date of birth (in milliseconds)	Date

login	User login	String
password	User password	String
provider	Empty	String
providerId	Empty	String
imageUrl	Empty	String

**Example response:**

```
{
  "peopleId": null,
  "lastName": "testLN",
  "firstName": "testFN",
  "genderId": 1,
  "birthDate": 914371200000,
  "login": "testlnfn@gmail.com",
  "password": "123",
  "provider": null,
  "providerId": null,
  "imageUrl": null
}
```

#### d. Change email address process (Validation key)

- Endpoint : <http://url/API/users/changemailkey/key>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
peopleId	People id (Can use api get people by user id)	Long	Yes
login	New email address (We update new mail in table people only, for login email in table user not update)	String	Yes

**Header: Content-Type: application/json**

**Example request:**

[a78517ba-80dd-4815-82c5-b984fa959002](#)

- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist

500 Internal Server Error

The request not complete, you must check server error description from response

**Example response PeopleDTO:**

Result detail check in 3. User > a. Get people by user id

## e. Send OTP code process

- Endpoint : <http://url/API/users/sendotpcodetomobile>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	User id	Long	Yes
mobile	Phone number	String	Yes

**Header: Content-Type: application/json, orgEntityId: 1**

**Example request:**

```
{
    "secUserId": 1,
    "mobile": "+855-16545458"
}
```

- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

**Example response: "OK"**

## f. Validate OTP code process

- Endpoint : <http://url/API/users/validateotpcode>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	User id	Long	Yes
otpCode	Code generate and send to email	String	Yes

	or phone		
mobile	Phone number	String	Yes

**Header: Content-Type: application/json**

**Example request:**

```
{
  "secUserId": 1,
  "otpCode": "536592",
  "mobile": "+855-16545458"
}
```

- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

Key	Description	Type
id	Field id in table otp validation	Long
uid	Empty	String
uri	Empty	String
mobile	User phone number	String
key	Empty	String
otpCode	Code generates by system	String
uuid	Empty	String
secUserId	User id	Long

**Example response:**

```
{
  "id": 1,
  "uid": null,
  "uri": null,
  "mobile": "+855-16545458",
  "key": null,
  "otpCode": "536592",
  "uuid": null,
}
```

```

    "secUserId": 1
  }

```

### g. Resend OTP code process

- Endpoint : <http://url/API/users/resendotpcodetomobile>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	User id	String	Yes

**Header: Content-Type: application/json**

**Example request:**

```

{
    "secUserId": 1
}

```

- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

**Example response: " "**

### h. Get list OTP code by user id

- Endpoint : <http://url/API/users/otpactivations/usres/{secUserId}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	User id	Long	Yes

- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body

	will include an error providing further information
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

Key	Description	Type
id	Field id in table otp validation	Long
uid	Empty	String
uri	Empty	String
mobile	User phone number	String
key	Empty	String
otpCode	Code generates by system	String
uuid	Empty	String
secUserId	User id	Long

**Example response:**

```
[
  {
    "id": 1,
    "uid": null,
    "uri": null,
    "mobile": "+855-16545458",
    "key": null,
    "otpCode": "341573",
    "uuid": null,
    "secUserId": 1
  }
]
```

## 4. List ReaAssets

- Endpoint : <http://url/API/reaassets>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
firstResult	Display first result. Default start from 0.	Integer	No
maxResults	Amount of Max Results	Integer	No

	display. Amount default 5.		
--	----------------------------	--	--

**Header: Content-Type: application/json**

**Example response:**

ReaAssetDTO object

- ReaAssetDTO

Key	Description	Type
externalId	External Id	String
assetTitle	Asset Title	String
teAssetAmount	TeAsset Amount	Double
monthlyCharges	Monthly Charges	Double
annualTaxes	Annual Taxes	Float
availablePropertyDate	Available Property Date	Date
teAssetAmountPerNight	TeAsset Amount Per Night	Double
cleaningFee	Cleaning Fee	Double
sheetsFee	Sheets Fee	Double
towelCharges	Towel Charges	Double
otherFee	Other Fee	Double
reaAssetType	ReaAsset Type	RefDataDTO
latitudeMapQuery	Latitude Map Query	Double
longitudeMapQuery	Longitude Map Query	Double
confirmLocationCoordinate	Confirm Location Coordinate	Boolean
displayOptionAddress	Display Option Address	RefDataDTO
address	Address	AddressDTO
wkfStatus	WkfStatus	WkfStatusDTO
numberOfRooms	Number Of Rooms	Integer
numberOfBedrooms	Number Of Bedrooms	Integer
numberOfBathrooms	Number Of Bathrooms	Integer
numberOfLavatory	Number Of Lavatory	Integer



roomSizeInSquareMeter	Room Size In SquareMeter	Float
profitSharing	ProfitSharing	Float
isAuthorizeLongShortRental	isAuthorizeLongShortRental	Boolean
isShortTerm	isShortTerm	Boolean
isLongTerm	isLongTerm	Boolean
proposedLease	Proposed Lease	RefDataDTO
rentalType	Rental Type	RefDataDTO
energyDiagnosis	Energy Diagnosis	RefDataDTO
reaAssetImages	ReaAsset Images	List<ReaAssetImageDTO>
listImagesUrl	List Images Url	List<String>
assetImageEmpty	Asset Image Empty	boolean
symbolCurrency	Symbol Currency	String
colorCode	Color Code	String
longGuardianExpenses	Long Guardian Expenses	Boolean
longHotWaterExpenses	Long Hot Water Expenses	Boolean
longHeatingExpenses	Long Heating Expenses	Boolean
longInternetExpenses	Long Internet Expenses	Boolean
longElectricityExpenses	Long Electricity Expenses	Boolean
agencyFees	Agency Fees	Float
monthlySalaryRequested	Monthly Salary Requested	Float
bathtub	Bathtub	Boolean
fireplace	Fireplace	Boolean
carbonMonoxyDetector	Carbon Monoxy Detector	Boolean
smokeDetector	Smoke Detector	Boolean
alarm	Alarm	Boolean
reaAssetHeating	ReaAsset Heating	RefDataDTO

oven	Oven	Boolean
microwave	Microwave	Boolean
fridge	Fridge	Boolean
freezer	Freezer	Boolean
bakingTrays	bakingTrays	Boolean
washingMachine	WashingMachine	Boolean
dryer	Dryer	Boolean
wineCellar	Winecellar	Boolean
wellRecentlyRenovated	Well Recently Renovated	Boolean
floor	floor	Integer
elevator	elevator	Boolean
adaptedHousingPMR	adaptedHousingPMR	Boolean
accessCommonAreasAdapted PMR	accessCommonAreasAdapted PMR	Boolean
balcony	balcony	Boolean
balconySizeInSquareMeter	balconySizeInSquareMeter	Float
terrace	terrace	Boolean
terraceSizeInSquareMeter	terraceSizeInSquareMeter	Float
notOverlooked	notOverlooked	Boolean
niceView	niceView	Boolean
reaAssetExhibition	reaAssetExhibition	RefDataDTO
closedGarage	closedGarage	Boolean
closedGarageNbOfPlaces	closedGarageNbOfPlaces	Integer
openGarage	openGarage	Boolean
openGarageNbOfPlaces	openGarageNbOfPlaces	Integer
cellar	cellar	Boolean
cellarSizeInSquareMeter	cellarSizeInSquareMeter	Float

garden	garden	Boolean
gardenSizeInCubicMeter	gardenSizeInCubicMeter	Float
swimmingPool	swimmingPool	Boolean
jacuzzi	jacuzzi	Boolean
sauna	sauna	Boolean
hamam	hamam	Boolean
gym	gym	Boolean
tennis	tennis	Boolean
onTheSlopes1Km	onTheSlopes1Km	Boolean
onTheEdgeOfLake1Km	onTheEdgeOfLake1Km	Boolean
atTheBeach1Km	atTheBeach1Km	Boolean
inTheCityCenter1Km	inTheCityCenter1Km	Boolean
touristicSite1Km	touristicSite1Km	Boolean
veryQuiet1Km	veryQuiet1Km	Boolean
cinema1Km	cinema1Km	Boolean
theater1Km	theater1Km	Boolean
shops1Km	shops1Km	Boolean
sportsOffer1Km	sportsOffer1Km	Boolean
furnishedProperty	furnishedProperty	Boolean
sheets	sheets	Boolean
bathTowels	bathTowels	Boolean
kitchenTowels	kitchenTowels	Boolean
hairDryer	hairDryer	Boolean
dishes	dishes	Boolean
cookingTools	cookingTools	Boolean
coffeeMachine	coffeeMachine	Boolean
internetWifi	internetWifi	Boolean

printer	printer	Boolean
cableTV	cableTV	Boolean
televisionWithoutCable	televisionWithoutCable	Boolean
barbecue	barbecue	Boolean
dvdPlayer	dvdPlayer	Boolean
gameConsole	gameConsole	Boolean
boardGames	boardGames	Boolean
outdoorGames	outdoorGames	Boolean
babyBed	babyBed	Boolean
highChair	highChair	Boolean
changingTable	changingTable	Boolean
cleaner	cleaner	Boolean
babySittingService	babySittingService	Boolean
sleepingCapacity	sleepingCapacity	Integer
reaAssetNumberRoomOptions	reaAssetNumberRoomOptions	List<ReaAssetNumberRoomOptions DTO>
personInCharge	personInCharge	PeopleDTO
reaAssetBestOption	reaAssetBestOption	ReaAssetBestOptionDTO
visitEnable	visitEnable	boolean

## 5. Get ReaAsset by Id

- Endpoint : <http://url/API/reaassets/{id}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
id	Id of reaAsset	Long	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetDTO object{id} (view in number 4)

## 6. Search ReaAsset

- Endpoint : <http://url/API/reaassets/search>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
reaAssetCriteriaDTO	ReaAssetCriteriaDTO	ReaAssetCriteriaDTO	Yes
firstResult	Display first result. Default start from 0.	Integer	No
maxResults	Amount of Max Results display. Amount default 5.	Integer	No

**Header: Content-Type: application/json**

**Example response:**

ReaAssetCriteriaDTO object

- ReaAssetCriteriaDTO

Key	Description	Type
isView	isView	Boolean
viewAssetIds	viewAssetIds	Long[]
isFavorite	isFavorite	Boolean
favoriteAssetIds	favoriteAssetIds	Long[]
isShortTerm	isShortTerm	Boolean
isLongTerm	isLongTerm	Boolean
latitude	latitude	Double
longitude	longitude	Double
orderByKey	orderByKey	String
advancedFilter	advancedFilter	ReaAssetAdvancedFilterDTO

## 7. Create ReaAsset

- Endpoint : <http://url/API/reaassets>
- Method: **POST**

- Request Parameter : ReaAssetDTO

Key	Description	Type	Mandatory
reaAssetDTO	ReaAsset DTO	ReaAssetDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetDTO object (view in number 4 )

## 8. Update ReaAsset

- Endpoint : <http://url/API/reaassets/{id}>
- Method: **PUT**
- Request Parameter

Key	Description	Type	Mandatory
assetId	ReaAsset ID	Long	Yes
reaAssetDTO	ReaAsset DTO	ReaAssetDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetDTO object (view in number 4)

## 9. Delete ReaAsset

- Endpoint : <http://url/API/reaassets/{id}>
- Method: **DELETE**
- Request Parameter

Key	Description	Type	Mandatory
assetId	ReaAsset ID	Long	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetDTO object (view in number 4)

## 10. Update ReaAsset Visit Enable

- Endpoint : <http://url/API/reaassets/visitenable>
- Method: **PUT**

- Request Parameter

Key	Description	Type	Mandatory
assetVisitEnableVO	Asset Visit EnableVO	List<AssetVisitEnableVO>	Yes

**Header: Content-Type: application/json**

**Example response:**

AssetVisitEnableVO object

- AssetVisitEnableVO

Key	Description	Type
assetId	ReaAsset Id	Long
visitEnable	Visit Enable	boolean

## 11.Get ReaAssets

- Endpoint : <http://url/API/users/{id}/reaassets>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	Id of User	Long	Yes
type	Type of people reaAsset	String	No
firstResult	Display first result. Default start from 0.	Integer	No
maxResults	Amount of Max Results display. Amount default 5.	Integer	No

**Header: Content-Type: application/json**

**Example response:**

PeoReaAssetDTO object

- PeoReaAssetDTO

Key	Description	Type
secUserId	Id of User	Long
reaAsset	ReaAssetDTO	ReaAssetDTO
peoReaAssetType	Type of People ReaAsset. Example : Owner or Tenant	RefDataDTO

peoReaAssetOccupiedType	Type of People ReaAsset Occupied	RefDataDTO
-------------------------	----------------------------------	------------

## 12. Get PeoReaAssets

- Endpoint : <http://url/API/users/{id}/peopleassets>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	Id of User	Long	Yes
wkfStatusId	Workflow Status Id	Long	No
firstResult	Display first result. Default start from 0.	Integer	No
maxResults	Amount of Max Results display. Amount default 5.	Integer	No

**Header: Content-Type: application/json**

**Example response:**

PeoReaAssetDTO object (view in number 11)

## 13. List Asset Owner

- Endpoint : <http://url/API/users/{id}/reaassets/owner>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	Id of User	Long	Yes

**Header: Content-Type: application/json**

**Example response:**

PeoReaAssetDTO object (view in number 11)

## 14. List Asset Owner Visit Enable



- Endpoint : <http://url/API/users/{id}/reaassets/owner/visitenable>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	Id of User	Long	Yes
firstResult	Display first result. Default start from 0.	Integer	No
maxResults	Amount of Max Results display. Amount default 5.	Integer	No

**Header: Content-Type: application/json**

**Example response:**

PeoReaAssetDTO object (view in number 11)

## 15. Create PeoReaAsset

- Endpoint : <http://url/API/users/{id}/reaassets>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
peoReaAssetDTO	peoReaAssetDTO	PeoReaAssetDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

PeoReaAssetDTO object (view in number 11)

- Response Status

Status code	Usage
200 OK	The request completed successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist
500 Internal Server Error	The request not complete, you must check server error description from response

## 16. Update PeoReaAsset

- Endpoint : <http://url/API/users/reaassets/{id}>
- Method: **PUT**
- Request Parameter

Key	Description	Type	Mandatory
peoReaAssetDTO	peoReaAssetDTO	PeoReaAssetDTO	Yes
peoAssetId	Id of PeopleAsset	Long	Yes

**Header: Content-Type: application/json**

**Example response:**

PeoReaAssetDTO object (view in number 11)

## 17. Update PeoReaAssetStatus

- Endpoint : <http://url/API/users/updatepeoassetstatus/{id}>
- Method: **PUT**
- Request Parameter

Key	Description	Type	Mandatory
peoReaAssetDTO	peoReaAssetDTO	PeoReaAssetDTO	Yes
peoAssetId	Id of PeopleAsset	Long	Yes

**Header: Content-Type: application/json**

**Example response:**

PeoReaAssetDTO object (view in number 11)

## 18. Get ReaAssetCheckInOut

- Endpoint : <http://url/API/reaassetcheckout/reaassets/{id}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
assetId	Id of reaAsset	Long	Yes
isCheckIn	Check in	Boolean	No

**Header: Content-Type: application/json**

**Example response:**

```
{
  "id": 1,
  "uid": null,
  "uri": null,
  "reaAssetId": 142,
  "message": "ddf",
  "checkIn": true,
  "type": "CHECK_IN",
  "creationDate": "09/07/2020 10:28"
}
```

## 19. Get ReaAssetCheckInOutById

- Endpoint : <http://url/API/reaassetcheckout/{id}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
id	Id of ReaAssetCheckInOut	Long	Yes

**Header: Content-Type: application/json**

**Example response:**

```
{
  "id": 1,
  "uid": null,
  "uri": null,
  "reaAssetId": 142,
  "message": "ddf",
  "checkIn": true,
  "type": "CHECK_IN",
  "creationDate": "09/07/2020 10:28"
}
```

## 20. Create ReaAssetCheckInOut

- Endpoint : <http://url/API/reaassetcheckout>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
reaAssetCheckInOutDTO	ReaAsset CheckInOutDTO	ReaAssetCheckInOutDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

```
{
  "id": 3,
  "uid": null,
  "uri": null,
  "reaAssetId": 142,
  "message": "test",
  "checkIn": true,
  "type": "CHECK_IN",
  "creationDate": "09/07/2020 10:28"
}
```

## 21. Update ReaAssetCheckInOut

- Endpoint : <http://url/API/reaassetcheckinout/{id}>
- Method: **PUT**
- Request Parameter

Key	Description	Type	Mandatory
reaAssetCheckInOutDTO	ReaAsset CheckInOutDTO	ReaAssetCheckInOutDTO	Yes
id	Id of ReaAssetCheckInOut	Long	Yes

**Header: Content-Type: application/json**

**Example response:**

```
{
  "id": 3,
  "uid": null,
  "uri": null,
  "reaAssetId": 142,
  "message": "test",
  "checkIn": true,
  "type": "CHECK_IN",
  "creationDate": "09/07/2020 10:28"
}
```

## 22. Get PeoReaAssetRentalFile

- Endpoint : <http://url/API/users/{id}/reaassetrentalfiles>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
-----	-------------	------	-----------

secUserId	Id of SecUser	Long	Yes
-----------	---------------	------	-----

**Header: Content-Type: application/json**

**Example response:**

```
{
  "id": null,
  "uid": null,
  "uri": null,
  "secUserId": null,
  "monthlyNetHouseholdIncome": null,
  "nbAdultsMakingTaxHousehold": null,
  "nbChildrenMakingTaxHousehold": null,
  "jobPosition": null,
  "guarantee": false,
  "rentalGuaranteeType": null,
  "nbPeoplePaying": null,
  "reaAssetRentalFileEmployments": []
}
```

## 23. Create PeoReaAssetRentalFile

- Endpoint : <http://url/API/users/reaassetrentalfiles>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
peoReaAssetRentalFileDTO	PeoReaAssetRentalFileDTO	PeoReaAssetRentalFileDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

```
{
  "id": null,
  "uid": null,
  "uri": null,
  "secUserId": null,
  "monthlyNetHouseholdIncome": null,
  "nbAdultsMakingTaxHousehold": null,
  "nbChildrenMakingTaxHousehold": null,
  "jobPosition": null,
  "guarantee": false,
  "rentalGuaranteeType": null,
  "nbPeoplePaying": null,
  "reaAssetRentalFileEmployments": []
}
```

## 24. Update PeoReaAssetRentalFile

- Endpoint : <http://url/API/users/reaassetrentalfiles/{id}>
- Method: **PUT**
- Request Parameter

Key	Description	Type	Mandatory
peoReaAssetRentalFileDTO	PeoReaAssetRentalFileDTO	PeoReaAssetRentalFileDTO	Yes
rentelFileId	Id of PeoReaAssetRentalFile	Long	Yes

**Header: Content-Type: application/json**

**Example response:**

```
{
  "id": null,
  "uid": null,
  "uri": null,
  "secUserId": null,
  "monthlyNetHouseholdIncome": null,
  "nbAdultsMakingTaxHousehold": null,
  "nbChildrenMakingTaxHousehold": null,
  "jobPosition": null,
  "guarantee": false,
  "rentalGuaranteeType": null,
  "nbPeoplePaying": null,
  "reaAssetRentalFileEmployments": []
}
```

## 25. Get ListReaAssetFilter

- Endpoint : <http://url/API/reaassetfilters/people/{id}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
peold	Id of People	Long	Yes
isSave	Save	Boolean	No
firstResult	Display first result. Default start from 0	Integer	No

maxResults	Amount of Max Results display. Amount default 5.	Integer	No
------------	--	---------	----

- ReaAssetFilterDTO

Key	Description	Type
secUserId	Id of User	Long
desc	Description	String
savedByUser	Saved By User	Boolean
locationText	Location Text	String
latitude	Latitude	Double
longitude	Longitude	Double
areaLengthInMeter	AreaLengthInMeter	Integer
shortTerm	Short Term	Boolean
longTerm	Long Term	Boolean
advanceFilterShortTermDTO	AdvanceFilterShortTermDTO	AdvanceFilterShortTermDTO
advanceFilterLongTermDTO	AdvanceFilterLongTermDTO	AdvanceFilterLongTermDTO

**Header: Content-Type: application/json**

**Example response:**

ReaAssetFilterDTO object

## 26. GetReaAssetFilterById

- Endpoint : <http://url/API/reaassetfilters/{id}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
id	Id of ReaAssetFilter	Long	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetFilterDTO object (view in number 25)

## 27. Create ReaAssetFilter

- Endpoint : <http://url/API/reaassetfilters>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
reaAssetFilterDTO	ReaAssetFilterDTO	ReaAssetFilterDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetFilterDTO object (view in number 25)

## 28. Update ReaAssetFilter

- Endpoint : <http://url/API/reaassetfilters/{id}>
- Method: **PUT**
- Request Parameter

Key	Description	Type	Mandatory
id	Id of ReaAssetFilter	Long	Yes
reaAssetFilterDTO	ReaAssetFilterDTO	ReaAssetFilterDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetFilterDTO object (view in number 25)

## 29. Delete ReaAssetFilter

- Endpoint : <http://url/API/reaassetfilters/{id}>
- Method: **DELETE**
- Request Parameter

Key	Description	Type	Mandatory
-----	-------------	------	-----------



reaAssetFilterId	Id of ReaAssetFilter	Long	Yes
------------------	----------------------	------	-----

**Header: Content-Type: application/json**

**Example response:**

ReaAssetFilterDTO object (view in number 25)

### 30. ListAppointmentUserVisitRequest

- Endpoint : <http://url/API/appointments/visitrequest>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
appointmentCriteriaDTO	ReaAssetAppointmentCriteriaDTO	ReaAssetAppointmentCriteriaDTO	Yes

- ReaAssetAppointmentCriteriaDTO

Key	Description	Type
userId	Id of User	Long
wkfStatusId	Id of wkfStatus	Long
timeZoneId	Id of timeZone Example : Europe/Paris, Asia/Phnom_Penh.	String

- ReaAssetAppointmentDTO

Key	Description	Type
assetId	Id of ReaAsset	Long
userId	Id of User	Long
agentId	Id of Agent	String
startDate	startDate (Date in millis)	Long

endDate	endDate (Date in millis)	Long
wkfStatusId	Id of WkfStatus	Long
address	AddressDTO	AddressDTO
comment	Comment	String
addressTypeId	Id of Address Type	Long
timeZoneId	TimeZoneId Example : Europe/Paris, Asia/Phnom_Penh	String
participantSecUserId	participantSecUserId	Long
participantPeopleId	participantPeopleId	Long
participantProfileUrl	participantProfileUrl	String
participantName	participantName	String
participantPhone	participantPhone	String
loadFullData	loadFullData	Boolean
assetDTO	ReaAssetDTO	ReaAssetDTO
wkfStatusDTO	WkfStatusDTO	WkfStatusDTO
timeStartHourStr	timeStartHourStr	String

**Header: Content-Type: application/json**

**Example response:**

ReaAssetAppointmentDTO object

## 31. HasAppointment

- Endpoint : <http://url/API/appointments/hasappointment>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
userId	Id of User	Long	Yes
assetId	Id of Asset	Long	Yes
zoneIdName	zoneIdName	String	No

**Header: Content-Type: application/json**

**Example response:**

ReaAssetAppointmentDTO object (view in number 30)

## 32. GetListHousingService

- Endpoint : <http://url/API/housingservice/people/{id}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
peold	Id of People	Long	Yes
type	Type (Long term or short term) . example : "st" or "lt"	String	No

**Header: Content-Type: application/json**

**Example response:**

```
{  
  "longTerms": [  
    {  
      "serviceId": 1,  
      "serviceName": "Affichage des biens",  
      "desc": ""  
    }  
  ]  
}
```

```

        "active": false
    }
],
"shortTerms": [
    {
        "serviceId": 20,
        "serviceName": "Affichage des biens",
        "description": "",
        "active": false
    }
]
}

```

### 33. UpdateHousingService

- Endpoint : <http://url/API/housingservice/people/{id}/update>
- Method: **PUT**
- Request Parameter

Key	Description	Type	Mandatory
peold	Id of People	Long	Yes
reaPeopleHousingServiceResponseDTO	ReaPeopleHousingServiceResponseDTO	ReaPeopleHousingServiceResponseDTO	Yes

- ReaPeopleHousingServiceResponseDTO

Key	Description	Type
longTerms	longTerms	List<ReaPeopleHousingServiceDTO>
shortTerms	shortTerms	List<ReaPeopleHousingServiceDTO>

- ReaPeopleHousingServiceDTO

Key	Description	Type
serviceId	Id of ReaHousingService	Long
serviceName	Description of ReaHousingService	String

description	description	String
active	shortTerms	boolean

**Header: Content-Type: application/json**

**Example response:**

```
{
  "longTerms": [
    {
      "serviceId": 1,
      "serviceName": "Affichage des biens",
      "description": "",
      "active": true
    }
  ],
  "shortTerms": [
    {
      "serviceId": 20,
      "serviceName": "Affichage des biens",
      "description": "",
      "active": false
    }
  ]
}
```

## 34. GetPeoNotificationSettings

- Endpoint : <http://url/API/notification-setting/people/{id}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
peopleId	Id of People	Long	Yes

**Header: Content-Type: application/json**

**Example response:**

```
{
  "REMINDER_APPOINTMENT": {
    "email": false,
    "notification": false
  },
  "AD_PARTNER": {
```

```

        "email": false,
        "notification": false
    },
    "SERVICE_OPTIONAL_MOIEN": {
        "email": false,
        "notification": false
    }
}

```

### 35. UpdatePeoNotificationSettings

- Endpoint : <http://url/API/notification-setting/people/{id}/update-notification-setting>
- Method: **PUT**
- Request Parameter

Key	Description	Type	Mandatory
peoNotificationSettingDTO	PeoNotificationSettingDTO	Map<String, ReaPeopleNotificationSettingDTO>	Yes
peopleId	Id of People	Long	Yes

- PeoNotificationSettingDTO

Key	Description	Type
email	Email	boolean
notification	Notification	boolean

**Header: Content-Type: application/json**

**Example response:**

```

{
  "REMINDER_APPOINTMENT": {
    "email": false,
    "notification": false
  },
  "AD_PARTNER": {
    "email": true,
    "notification": false
  },
  "SERVICE_OPTIONAL_MOIEN": {
    "email": false,

```

```

        "notification": false
    }
}

```

### 36. Create CustomerProspect

- Endpoint : <http://url/API/customer/prospect>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
customerProspectDTO	customerProspectDTO	CustomerProspectDTO	Yes

- CustomerProspectDTO

Key	Description	Type
email	Email	string

**Header: Content-Type: application/json**

**Example response:**

```

{
  "email": "ab@gmail.com"
}

```

### 37. Get Job Announcement

- Endpoint : <http://url/API/job-announcement>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
firstResult	Display first result. Default start from 0.	Integer	No
maxResults	Amount of Max Results display. Amount default 5.	Integer	No

**Header: Content-Type: application/json**

**Example response:**

```

{
  "id": "1",
  "title": "A",

```

```

    "description": "<p>A</p>",
    "location": "A",
    "deadline": null,
    "contractType": {
      "id": 3,
      "uid": null,
      "uri": null,
      "statusRecordId": null,
      "createDate": null,
      "code": "STAGE",
      "desc": "Stage",
      "descEn": "Stage",
      "sortIndex": 1,
      "isActive": true,
      "parentRefDataUri": null
    }
  }
}

```

### 38. Get Job Announcement by Id

- Endpoint : <http://url/API/job-announcement/{id}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
id	Id of Job Announcement	Long	Yes

**Header: Content-Type: application/json**

**Example response:**

```

{
  "id": "1",
  "title": "A",
  "description": "<p>A</p>",
  "location": "A",
  "deadline": null,
  "contractType": {
    "id": 3,
    "uid": null,
    "uri": null,
    "statusRecordId": null,
    "createDate": null,
    "code": "STAGE",
    "desc": "Stage",

```



```

        "descEn": "Stage",
        "sortIndex": 1,
        "isActive": true,
        "parentRefDataUri": null
    }
}

```

## 39. AnnouncementWebHook

- Endpoint : <http://url/API/es-webhook/announcement>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
hookData	announcementHookDTO	AnnouncementHookDTO	Yes

- AnnouncementHookDTO

Key	Description	Type
multiple	multiple ( example "multiple": 1)	Integer
data	data	List<WebHookDataDTO>

- WebHookDataDTO

Key	Description	Type
id	id	Long
action	action (example : add or delete)	String

**Header: Content-Type: application/json**  
**Example response : status 200 ok**

## 40. Get Countries

- Endpoint : <http://url/API/countries>
- Method: **GET**
- Request Parameter

**Header: Content-Type: application/json**

**Example response:**

```
{
  "id": 1,
  "uid": null,
  "uri": null,
  "statusRecordId": null,
  "createDate": null,
  "code": "AFG",
  "desc": "Afghanistan",
  "descEn": "Afghanistan",
  "sortIndex": null,
  "isActive": null,
  "isoAlpha2Code": "AF",
  "isoAlpha3Code": "AFG",
  "isoNumericCode": "4",
  "dialingCode": null,
  "languageCode": null,
  "localeCode": null,
  "cityName": "Kabul"
}
```

## 41. Get Country by Id

- Endpoint : <http://url/API/countries>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
id	Id of country	Long	Yes

**Header: Content-Type: application/json**

**Example response:**

```
{
  "id": 1,
  "uid": null,
  "uri": null,
  "statusRecordId": null,
  "createDate": null,
  "code": "AFG",
  "desc": "Afghanistan",
  "descEn": "Afghanistan",
  "sortIndex": null,
}
```

```

    "isActive": null,
    "isoAlpha2Code": "AF",
    "isoAlpha3Code": "AFG",
    "isoNumericCode": "4",
    "dialingCode": null,
    "languageCode": null,
    "localeCode": null,
    "cityName": "Kabul"
  }

```

## 42. Get JobPositions

- Endpoint : <http://url/API/jobpositions>
- Method: **GET**
- Request Parameter

**Header: Content-Type: application/json**

**Example response:**

```

{
  "id": 1,
  "uid": null,
  "uri": null,
  "statusRecordId": null,
  "createDate": null,
  "code": "POS001",
  "desc": "CDI en période d'essai",
  "descEn": "CDI en période d'essai",
  "sortIndex": null,
  "isActive": null
}

```

## 43. Get JobPosition by Id

- Endpoint : <http://url/API/jobpositions>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
id	Id of job position	Long	Yes

**Header: Content-Type: application/json**

**Example response:**

```

{
  "id": 1,
  "uid": null,
  "uri": null,
  "statusRecordId": null,
  "createDate": null,
  "code": "POS001",
  "desc": "CDI en période d'essai",
  "descEn": "CDI en période d'essai",
  "sortIndex": null,
  "isActive": null
}

```

#### 44. isOwnerConfigVisitScheduler

- Endpoint : <http://url/API/schedule/owner/{id}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	Id of secUser	Long	Yes

**Header: Content-Type: application/json**

**Example response:** true or false

#### 45. getListOwnerDateTimeTracking

- Endpoint : <http://url/API/schedule/owner/{id}/availabilities>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	Id of secUser	Long	Yes
zoneIdName	zoneIdName	String	No

**Header: Content-Type: application/json**

**Example response:**

```

{
  "size": 0,
  "listDateTimeSegmentAvailable": []
}

```

## 46. getListOwnerDateTimeTrackingModify

- Endpoint : <http://url/API/schedule/owner/{id}/availabilities/appointments/{appointmentId}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	Id of secUser	Long	Yes
appointmentId	Id of appointment	Long	Yes
zoneIdName	zoneIdName	String	No

**Header:** Content-Type: application/json

**Example response:**

## 47. getTimeTrackingByUser

- Endpoint : <http://url/API/schedule/gettimetrackinguser/{id}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	Id of secUser	Long	Yes
zoneIdName	zoneIdName	String	No

**Header:** Content-Type: application/json

**Example response:**

```
{
  "id": null,
  "uid": null,
  "uri": null,
  "statusRecordId": null,
  "createDate": null,
  "secUser": null,
  "timeTrackingDTO": null,
  "startDate": null
}
```

## 48. getTimeTrackingUserByDate

- Endpoint : <http://url/API/schedule/gettimetrackinguser/{id}/{date}>

- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
secUserId	Id of secUser	Long	Yes
date	Date	String	No
zoneIdName	zoneIdName	String	No

**Header: Content-Type: application/json**

**Example response:**

```
{
  "id": null,
  "uid": null,
  "uri": null,
  "statusRecordId": null,
  "createDate": null,
  "secUser": null,
  "timeTrackingDTO": null,
  "startDate": null
}
```

## 49. sendEmailRequestOwnerVisitScheduler

- Endpoint : <http://url/API/schedule/visitrequestowner>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
ownerVisitSchedulerDTO	RequestOwnerVisitSchedulerDTO	RequestOwnerVisitSchedulerDTO	Yes

- RequestOwnerVisitSchedulerDTO

Key	Description	Type
assetId	Id of asset	Long
secUserTenantId	Id of secUserTenant	Long

message	Message	String
---------	---------	--------

**Header: Content-Type: application/json**

**Example response:** "OK"

## 50. listUserAppointment

- Endpoint : <http://url/API/schedule/listagentappointment>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
appointmentDTO	ReaAssetAppointmentDTO	ReaAssetAppointmentDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetAppointmentDTO object

## 51. listUserAppointment

- Endpoint : <http://url/API/schedule/listcustomerappointment>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
appointmentDTO	ReaAssetAppointmentDTO	ReaAssetAppointmentDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetAppointmentDTO object

## 52. createAppointment

- Endpoint : <http://url/API/schedule/appointment>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
-----	-------------	------	-----------

appointmentDTO	ReaAssetAppointmentDTO	ReaAssetAppointmentDTO	Yes
----------------	------------------------	------------------------	-----

**Header: Content-Type: application/json**

**Example response:**

ReaAssetAppointmentDTO object

## 53. createOwnerAppointment

- Endpoint : <http://url/API/schedule/appointment/owner>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
appointmentDTO	ReaAssetAppointmentDTO	ReaAssetAppointmentDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetAppointmentDTO object

## 54. listOwnerAppointment

- Endpoint : <http://url/API/schedule/listownerappointment>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
appointmentDTO	ReaAssetAppointmentDTO	ReaAssetAppointmentDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetAppointmentDTO object

## 55. changeAppointmentStatus

- Endpoint : <http://url/API/schedule/changeappointmentstatus>
- Method: **POST**
- Request Parameter



Key	Description	Type	Mandatory
appointmentDTO	ReaAssetAppointmentDTO	ReaAssetAppointmentDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetAppointmentDTO object

## 56. createAssetBooking

- Endpoint : <http://url/API/schedule/booking>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
bookingDTO	ReaAssetBookingDTO	ReaAssetBookingDTO	Yes

- ReaAssetBookingDTO

Key	Description	Type
assetId	Id of asset	Long
userId	Id of user	Long
agentId	agentId	Long
startDate	startDate	Long
endDate	endDate	Long
wkfStatusId	wkfStatusId	Long

**Header: Content-Type: application/json**

**Example response:**

ReaAssetBookingDTO object

## 57. listUserBooking

- Endpoint : <http://url/API/schedule/listcustomerbooking>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
bookingDTO	ReaAssetBookingDTO	ReaAssetBookingDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetBookingDTO object

## 58. listUserBooking

- Endpoint : <http://url/API/schedule/listagentbooking>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
bookingDTO	ReaAssetBookingDTO	ReaAssetBookingDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetBookingDTO object

## 59. listTime

- Endpoint : <http://url/API/schedule/times>
- Method: **GET**
- Request Parameter

**Header: Content-Type: application/json**

**Example response:**

```
{  
  "id": 1,
```

```
"time": 8,  
"timeLabel": "08:00 AM",  
"timeLabelHourStr": "08:00"  
}
```

## 60. createOwnerTimeSegment

- Endpoint : <http://url/API/schedule/timesegment>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
ownerTimeSegmentDTO	OwnerTimeSegmentDTO	OwnerTimeSegmentDTO	Yes

- OwnerTimeSegmentDTO

Key	Description	Type
Id	Id of secUser	Long
timeTrackingId	Id of timeTracking	Long
address	address	AddressDTO
comment	Comment	String
addressTypeId	Id of addressType	Long
available	Available	Boolean
listDayTime	listDayTime	List<DayTimeDTO>
listAppointmentId	Id of listAppointment	List<Long>
timeZoneId	timeZoneId	String

**Header: Content-Type: application/json**

**Example response:**

OwnerTimeSegmentDTO object

## 61. deleteTimeSegment

- Endpoint : <http://url/API/schedule/timesegment/{id}>
- Method: **DELETE**
- Request Parameter

Key	Description	Type	Mandatory
timeSegmentId	Id of timeSegment	Long	Yes

**Header:** Content-Type: application/json

**Example response:**

"DELETE\_SUCCESS"

## 62. getAssetAppointmentById

- Endpoint : <http://url/API/appointments/{id}>
- Method: **GET**
- Request Parameter

Key	Description	Type	Mandatory
reservationId	Id of reservation	Long	Yes
timeZoneName	timeZoneName	String	No

**Header:** Content-Type: application/json

**Example response:**

ReaAssetAppointmentDTO object

## 63. tenantAcceptedModification

- Endpoint : <http://url/API/appointments/{id}/tenantaccepted>
- Method: **PUT**
- Request Parameter

Key	Description	Type	Mandatory
appointmentId	Id of reservation	Long	Yes
reaAssetAppointmentDTO	ReaAssetAppointmentDTO	ReaAssetAppointmentDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetAppointmentDTO object

## 64. updateAppointment

- Endpoint : <http://url/API/appointments/{id}>
- Method: **PUT**
- Request Parameter

Key	Description	Type	Mandatory
appointmentId	Id of reservation	Long	Yes
reaAssetAppointmentDTO	ReaAssetAppointmentDTO	ReaAssetAppointmentDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetAppointmentDTO object

## 65. updateAppointment

- Endpoint : <http://url/API/appointments/{id}/owner>
- Method: **PUT**
- Request Parameter

Key	Description	Type	Mandatory
appointmentId	Id of reservation	Long	Yes
reaAssetAppointmentDTO	ReaAssetAppointmentDTO	ReaAssetAppointmentDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetAppointmentDTO object

## 66. countReaAssetStatusData

- Endpoint : <http://url/API/reaassets/count>
- Method: **POST**
- Request Parameter

Key	Description	Type	Mandatory
reaAssetCriteriaDTO	ReaAssetCriteriaDTO	ReaAssetCriteriaDTO	Yes

**Header: Content-Type: application/json**

**Example response:**

ReaAssetCriteriaDTO object