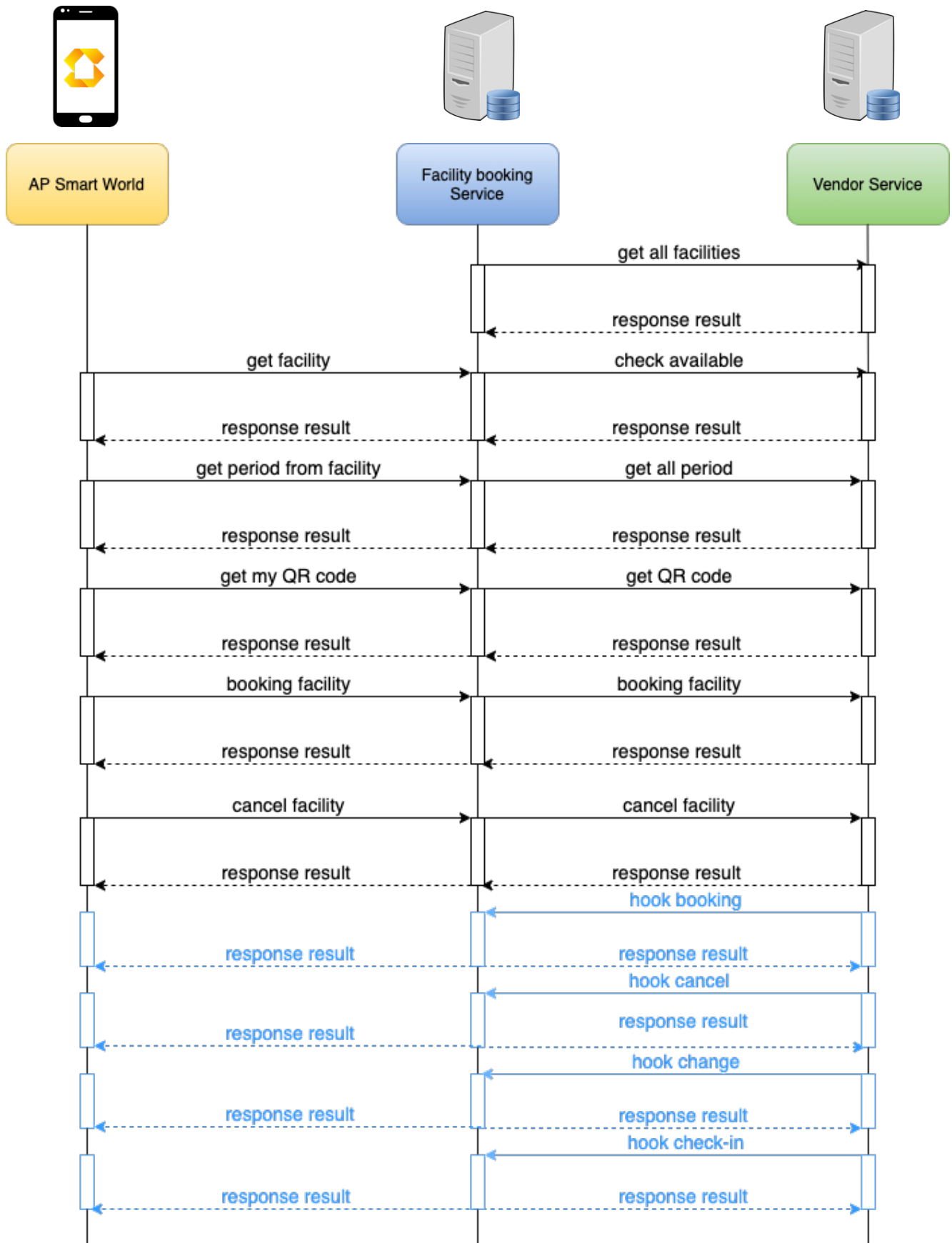


Facility Booking API Specifications

Version 1.4

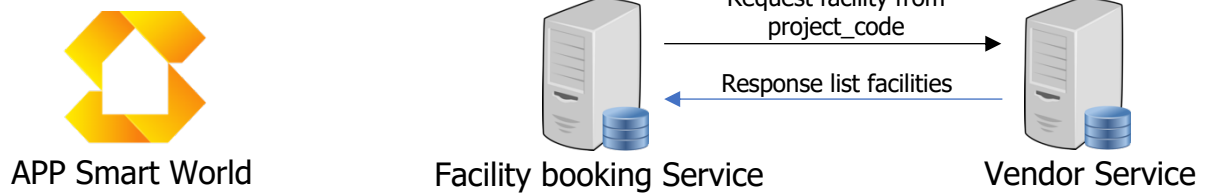
Integration Flow

Facility booking



API for Vendor

All Facilities



Overview : Get all facilities list by project_code.

GET /api/v{api_version}/get-facilities?

Parameter

Request Header

Name	Type	M/O	Description
Content-Type	string	M	application/json; charset=UTF-8
x-api-key	string	M	API Keys
x-client-name	string	M	vendor name

Request Query

Name	Type	M/O	Description
project_code	string	M	project code (5 digits) ex."60012"

Response Body

Name	Type	M/O	Description
success	boolean	M	true = successful transaction false = request transaction has fail
message	object	M	response description
facility_id	uuidv4	M	facility id
name	string	M	facility name ex. "Meeting room"
is_active	boolean	M	true = active false = inactive
code	string	M	business code

Example

Case : Success

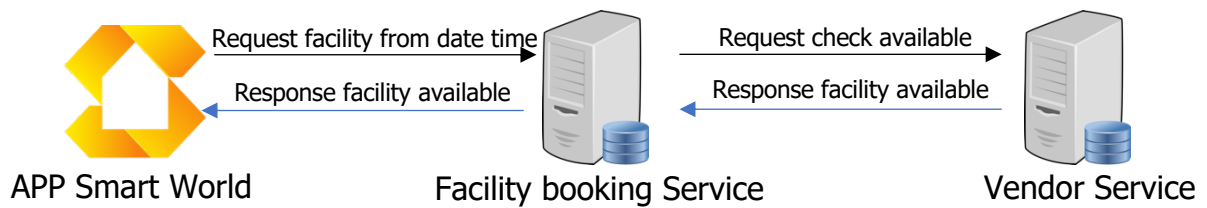
Request

```
GET /api/v{api_version}/get-facilities?project_code={project_code}
Content-Type: application/json; charset=UTF-8
x-api-key: "f2adcb62-0499-4710-87be-013a3d629c2e"
x-client-name: "Vendor Example"
```

Response

```
200 OK
Content-Type: application/json; charset=UTF-8
{
  "success": true,
  "message": {
    th: "",
    en: "",
  },
  "result": [
    {
      "facility_id": "308209b9-b4c3-4cfd-8e87-ef7f388ad6f6",
      "name": "Meeting Room 1",
      "is_active": true,
    },
    {
      "facility_id": "6c9c016d-6f49-4485-a330-b7234dcbc1c3",
      "name": ""Meeting Room 2",
      "is_active": false,
    }
  ],
  "code": "0000",
}
```

Check Available



Overview : Get all facilities status by period of time.

GET /api/v{api_version}/get-available?

Parameter

Request Header

Name	Type	M/O	Description
Content-Type	string	M	application/json; charset=UTF-8
x-api-key	string	M	API Keys
x-client-name	string	M	vendor name

Request Query

Name	Type	M/O	Description
project_code	string	M	project code (5 digits) ex."60012"
date	string	M	preferred booking date format : "YYYY-MM-DD"
start_time	string	M	preferred start time format : "HH:mm"
end_time	string	M	preferred end time format : "HH:mm"

Response Body

Name	Type	M/O	Description
success	boolean	M	true = successful transaction false = request transaction has fail
message	object	M	response description
facility_id	uuidv4	M	facility id
name	string	M	facility name ex. "Meeting room"
is_available	boolean	M	true = availability false = not availability
code	string	M	business code

Example

Case : Success

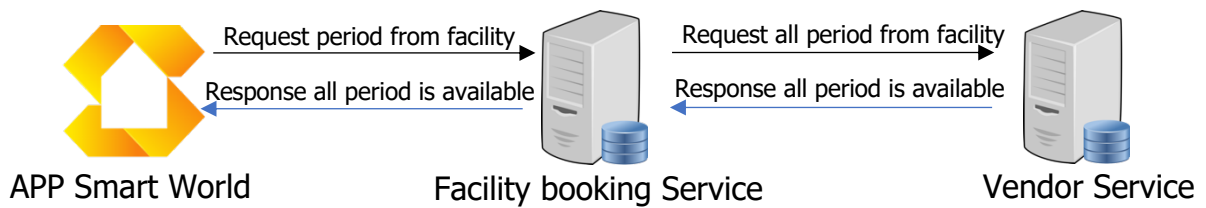
Request

```
GET /api/v${api_version}/get-avaiable?project_code={project_code}&
date={YYYY-MM-DD}&start_time={HH:mm}&end_time={HH:mm}
Content-Type: application/json; charset=UTF-8
x-api-key: "f2adcb62-0499-4710-87be-013a3d629c2e"
x-client-name: "Vendor Example"
```

Response

```
200 OK
Content-Type: application/json; charset=UTF-8
{
  "success": true,
  "message": {
    th: "",
    en: "",
  },
  "facility": [
    {
      "facility_id": "308209b9-b4c3-4cfd-8e87-ef7f388ad6f6",
      "name": "Meeting Room 1",
      "is_available": true
    },
    {
      "facility_id": "6c9c016d-6f49-4485-a330-b7234dcbc1c3",
      "name": ""Meeting Room 2",
      "is_available": false
    }
  ],
  "code": "0000",
}
```

All Period



Overview : Get list of available and unavailable slot of requested facility by period of time.

GET /api/v{api_version}/get-available/{facility_id}

Parameter

Request Header

Name	Type	M/O	Description
Content-Type	string	M	application/json; charset=UTF-8
x-api-key	string	M	API Keys
x-client-name	string	M	vendor name

Request Param

Name	Type	M/O	Description
date	string	M	Preferred booking date format : "YYYY-MM-DD"

Response Body

Name	Type	M/O	Description
success	boolean	M	true = successful transaction false = request transaction has fail
message	object	M	response description
period_id	uuid v4	M	period id
status	boolean	M	true = availability false = not availability
start_time	string	M	start time format : "HH:mm"
end_time	string	M	end time format : "HH:mm"
order	integer	M	order of period
code	string	M	business code

Example

Case : Success

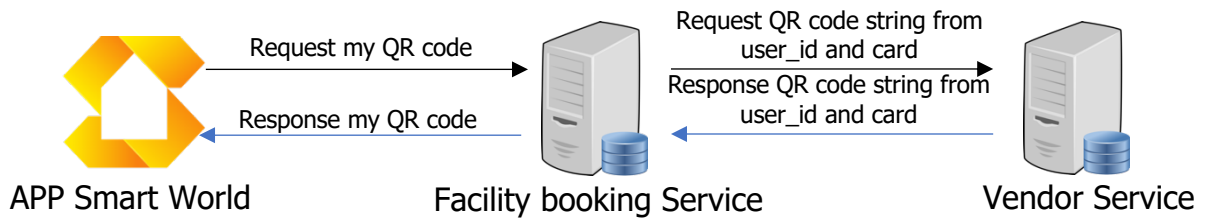
Request

```
GET /api/v${api_version}/get-avaliable/{facility_id}?date={YYYY-MM-DD}
Content-Type: application/json; charset=UTF-8
x-api-key: "f2adcb62-0499-4710-87be-013a3d629c2e"
x-client-name: "Vendor Example"
```

Response

```
200 OK
Content-Type: application/json; charset=UTF-8
{
  "success": true,
  "message": {
    th: "",
    en: "",
  },
  "result": [
    {
      "period_id": "2f7cc01a-2e56-46cf-9c39-08b6d0409f31",
      "status": true,
      "start_time": "08:00",
      "start_time": "09:00",
      "order": 1,
    },
    {
      "period_id": "61cade0a-cf23-47fd-9dc3-887fb876a000",
      "status": false,
      "end_time": "09:00",
      "start_time": "10:00",
      "order": 2,
    }
  ],
  "code": "0000"
}
```


QR Code



Overview : Get QR Code string for identify home user when make a booking at front of facility without booking in mobile app.

GET /api/v\${api_version}/get-qrcode?

Parameter

Request Header

Name	Type	M/O	Description
Content-Type	string	M	application/json; charset=UTF-8
x-api-key	string	M	API Keys
x-client-name	string	M	vendor name

Request Query

Name	Type	M/O	Description
user_id	uuid v4	M	user id
project_code	string	M	project code (5 digits) ex."60012"
land_no	string	M	land number
house_number	string	M	house number
physical_card	string	O	physical card number
digital_key	string	O	digital key

Response Body

Name	Type	M/O	Description
success	boolean	M	true = successful transaction false = request transaction has fail
message	object	M	response description
qr_code	string	M	QR Code string
code	string	M	business code

Example

Case : Success

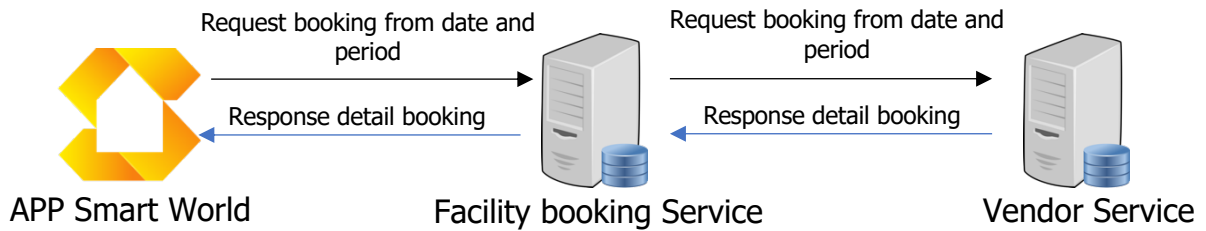
Request

```
GET/api/v{api_version}/getqrcode?user_id={user_id}&project_code={project_code}&
land_no={land_no}&house_number={house_number}&physical_card={physical_card}&
digital_key={digital_key}
Content-Type: application/json; charset=UTF-8
x-api-key: "f2adcb62-0499-4710-87be-013a3d629c2e"
x-client-name: "Vendor Example"
```

Response

```
200 OK
Content-Type: application/json; charset=UTF-8
{
  "success": true,
  "message": {
    th: "",
    en: "",
  },
  "qr_code": "string of qr_code",
  "code": "0000"
}
```

Booking



Overview : Make a booking.

POST /api/v{api_version}/booking

Parameter

Request Header

Name	Type	M/O	Description
Content-Type	string	M	application/json; charset=UTF-8
x-api-key	string	M	API Keys
x-client-name	string	M	vendor name

Request Body

Name	Type	M/O	Description
project_code	string	M	project code (5 digits) ex."60012"
land_no	string	M	land number
house_number	string	M	house number
facility_id	uuid v4	M	facility id
booking_date	string	M	booking date format : "YYYY-MM-DD"
period_ids	array	M	identity of period
user_id	uuid v4	M	user id
physical_card	string	O	physical card number
digital_key	string	O	digital key

Response Body

Name	Type	M/O	Description
success	boolean	M	true = request transaction is success false = request transaction is fail
message	object	M	response description
booking_id	string	M	booking id
booking_date	string	M	booking date format : "YYYY-MM-DD"
booking_start_time	string	M	start time format : "HH:mm"
booking_end_time	string	M	end time format : "HH:mm"
created	string	M	UTC time stamp : "1997-07-16T19:20:30"
confirm_code	string	M	pin code (6 digits) ex."123456", "001234"
qr_code	String	M	QR Code string
code	string	M	business code

Example

Request

```
POST /api/v{api_version}/booking
Content-Type: application/json; charset=UTF-8
x-api-key: "f2adcb62-0499-4710-87be-013a3d629c2e"
x-client-name: "Vendor Example"
{
  "project_code": "60027",
  "land_no": "AD1-2",
  "house_number": "96/2",
  "facility_id": "2f7cc01a-2e56-46cf-9c39-08b6d0409f31",
  "booking_date": "1997-12-26",
  "period_id": [ "2f7cc01a-2e56-46cf-9c39-08b6d0409f31", "61cade0a-cf23-47fd-9dc3-887fb876a000"],
  "user_id": "3b16f8ee-a292-4252-9d85-ff5dc78fc11a",
  "physical_card": "string of physical_card",
  "digital_key": "string of digital_key"
}
```

Case : Success

Response

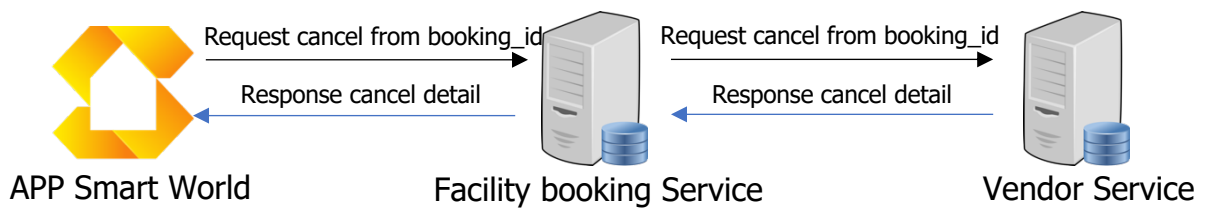
```
200 OK
Content-Type: application/json; charset=UTF-8
{
  "success": true,
  "message": {
    th: "",
    en: "",
  },
  "booking_id": "5f4f2cc878c9c3fc13cc2bb5",
  "booking_date": "1997-12-26",
  "booking_start_time": "09:00",
  "booking_end_time": "12:00",
  "created_at": "1997-07-16T19:20:30",
  "confirm_code": "999999",
  "qr_code": "string of qr_code",
  "code": "0000"
}
```

Case : False

Response

```
200 OK
Content-Type: application/json; charset=UTF-8
{
  "success": false,
  "message": {
    th: "ไม่สามารถทำการจองได้เนื่องจากโควต้าสำหรับทำการจองหมดแล้ว",
    en: "",
  },
  "code": "0000"
}
```

Cancel Booking



Overview : Cancel booking.

POST /api/v{api_version}/booking/cancel

Parameter

Request Header

Name	Type	M/O	Description
Content-Type	string	M	application/json; charset=UTF-8
x-api-key	string	M	API Keys
x-client-name	string	M	vendor name

Request Body

Name	Type	M/O	Description
booking_id	string	M	booking id

Response Body

Name	Type	M/O	Description
success	boolean	M	true = request transaction is success false = request transaction is fail
message	object	M	response description
code	string	M	business code

Example

Case : Success

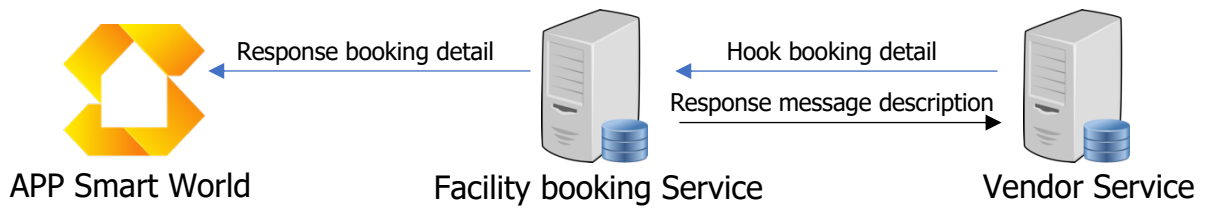
Request

```
POST /api/v{api_version}/booking/cancel
Content-Type: application/json; charset=UTF-8
x-api-key: "f2adcb62-0499-4710-87be-013a3d629c2e"
x-client-name: "Vendor Example"
{
  "booking_id": "5f4f2cc878c9c3fc13cc2bb5",
}
```

Response

```
200 OK
Content-Type: application/json; charset=UTF-8
{
  "success": true,
  "message": {
    th: "",
    en: "",
  },
  "code": "0000",
}
```

Booking



Overview : Webhook from Booking System when user make a booking at front of facility without booking in mobile app.

POST /api/v{api_version}/webhook/booking

Parameter

Request Header

Name	Type	M/O	Description
Content-Type	string	M	application/json; charset=UTF-8
x-api-key	string	M	API Keys
x-client-name	string	M	vendor name

Request Body

Name	Type	M/O	Description
project_code	string	M	project code (5 digits) ex."60012"
land_no	string	M	land number
house_number	string	M	house number
facility_id	uuid v4	M	facility id
booking_id	string	M	booking id
booking_date	string	M	booking date format : "YYYY-MM-DD"
booking_start_time	string	M	start time format : "HH:mm"
booking_end_time	string	M	end time format : "HH:mm"
created	string	M	UTC time stamp : "1997-07-16T19:20:30"
confirm_code	string	M	Pin code (6 digits) ex."123456", "001234"
qr_code	string	M	QR Code string
user_id	string	M	user id
physical_card	string	O	physical card number
digital_key	string	O	digital key

Response Body

Name	Type	M/O	Description
success	boolean	M	true = request transaction is success false = request transaction is fail
message	object	M	response description
code	string	M	business code

Example

Case : Success

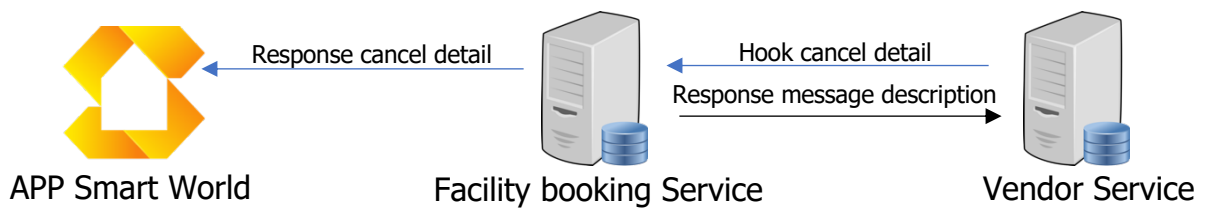
Request

```
POST /api/v{api_version}/webhook/booking
Content-Type: application/json; charset=UTF-8
x-api-key: "f2adcb62-0499-4710-87be-013a3d629c2e"
x-client-name: "Vendor Example"
{
  "project_code": "60027",
  "land_no": "AD1-2",
  "house_number": "96/2",
  "facility_id": "2f7cc01a-2e56-46cf-9c39-08b6d0409f31",
  "booking_id": "5f4f2cc878c9c3fc13cc2bb5",
  "booking_date": "2020-12-26",
  "booking_start_time": "09:00",
  "booking_end_time": "12:00",
  "created_at": "1997-07-16T19:20:30",
  "confirm_code": "999999",
  "qr_code": "string of qr_code",
  "user_id": "3b16f8ee-a292-4252-9d85-ff5dc78fc11a",
  "physical_card": "string of physical_card",
  "digital_key": "string of digital_key",
}
```

Response

```
200 OK
Content-Type: application/json; charset=UTF-8
{
  "success": true,
  "message": {
    th: "",
    en: "",
  },
  "code": "0000"
}
```


Cancel Booking



Overview : Webhook from Booking System when juristic person or admin cancel a booking from Booking System Back Office.

POST /api/v{api_version}/webhook/booking/cancel

Parameter

Request Header

Name	Type	M/O	Description
Content-Type	string	M	application/json; charset=UTF-8
x-api-key	string	M	API Keys
x-client-name	string	M	vendor name

Request Body

Name	Type	M/O	Description
booking_id	string	M	booking id
username	string	M	username of the juristic person in booking system
full_name	string	M	full name of the juristic person in booking system

Response Body

Name	Type	M/O	Description
success	boolean	M	true = request transaction is success false = request transaction is fail
message	object	M	response description
code	string	M	business code

Example

Case : Success

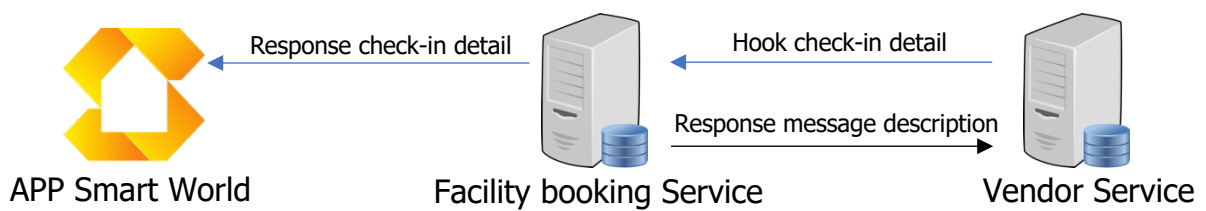
Request

```
POST /api/v{api_version}/webhook/booking/cancel
Content-Type: application/json; charset=UTF-8
x-api-key: "f2adcb62-0499-4710-87be-013a3d629c2e"
x-client-name: "Vendor Example"
{
  "booking_id": "5f4f2cc878c9c3fc13cc2bb5",
  "username" : "username",
  "full_name" : "full name",
}
```

Response

```
200 OK
Content-Type: application/json; charset=UTF-8
{
  "success": true,
  "message": {
    th: "",
    en: "",
  },
  "code": "0000",
}
```

Check-in Booking



Overview : Webhook from Booking System when user check-in at front of facility.

POST /api/v{api_version}/webhook/booking/checkin

Parameter

Request Header

Name	Type	M/O	Description
Content-Type	string	M	application/json; charset=UTF-8
x-api-key	string	M	API Keys
x-client-name	string	M	vendor name

Request Body

Name	Type	M/O	Description
booking_id	string	M	booking id
timestamp	string	M	UTC time stamp : "1997-07-16T19:20:30"

Response Body

Name	Type	M/O	Description
success	boolean	M	true = request transaction is success false = request transaction is fail
message	object	M	response description
code	string	M	business code

Example

Case : Success

Request

```
POST /api/v{api_version}/webhook/booking/checkin
Content-Type: application/json; charset=UTF-8
x-api-key: "f2adcb62-0499-4710-87be-013a3d629c2e"
x-client-name: "Vendor Example"
{
  "booking_id": "5f4f2cc878c9c3fc13cc2bb5",
  "timestamp": "1997-07-16T19:20:30",
}
```

Response

```
200 OK
Content-Type: application/json; charset=UTF-8
{
  "success": true,
  "message": {
    th: "",
    en: "",
  },
  "code": "0000"
}
```

Appendix

HTTP status code

Each REST API request returns a success or error HTTP status code

Status code	Description
200 OK	The request succeeded.
201 Created	The request has been fulfilled and resulted in a new resource being created.
400 Bad Request	The request cannot be fulfilled due to bad syntax.
401 Unauthorized	The request has not been applied because it lacks valid authentication credentials for the target resource.
403 Forbidden	The request was a legal request, but the server is refusing to respond to it.
404 Not Found	The requested resource could not be found but may be available again in the future. Subsequent requests by the client are permissible.
405 Method Not Allowed	A request was made of a resource using a request method not supported by that resource.
500 Internal Server Error	A generic error message, given when no more specific message is suitable.

Business code

CODE	Description
0000	Success
1XXX	Invalid input data group
1000	Generic error / not specific
1001	Invalid facility
1002	Invalid booking_date
1003	Invalid period
2XXX	Unable to process group
2000	Generic error / not specific
2004	Not Found project_code / booking_id / facility_id / period_id
9XXX	System error group
9000	Generic error / not specific
9001	Invalid api-key, client-name