SeMaS ver. 1.0:
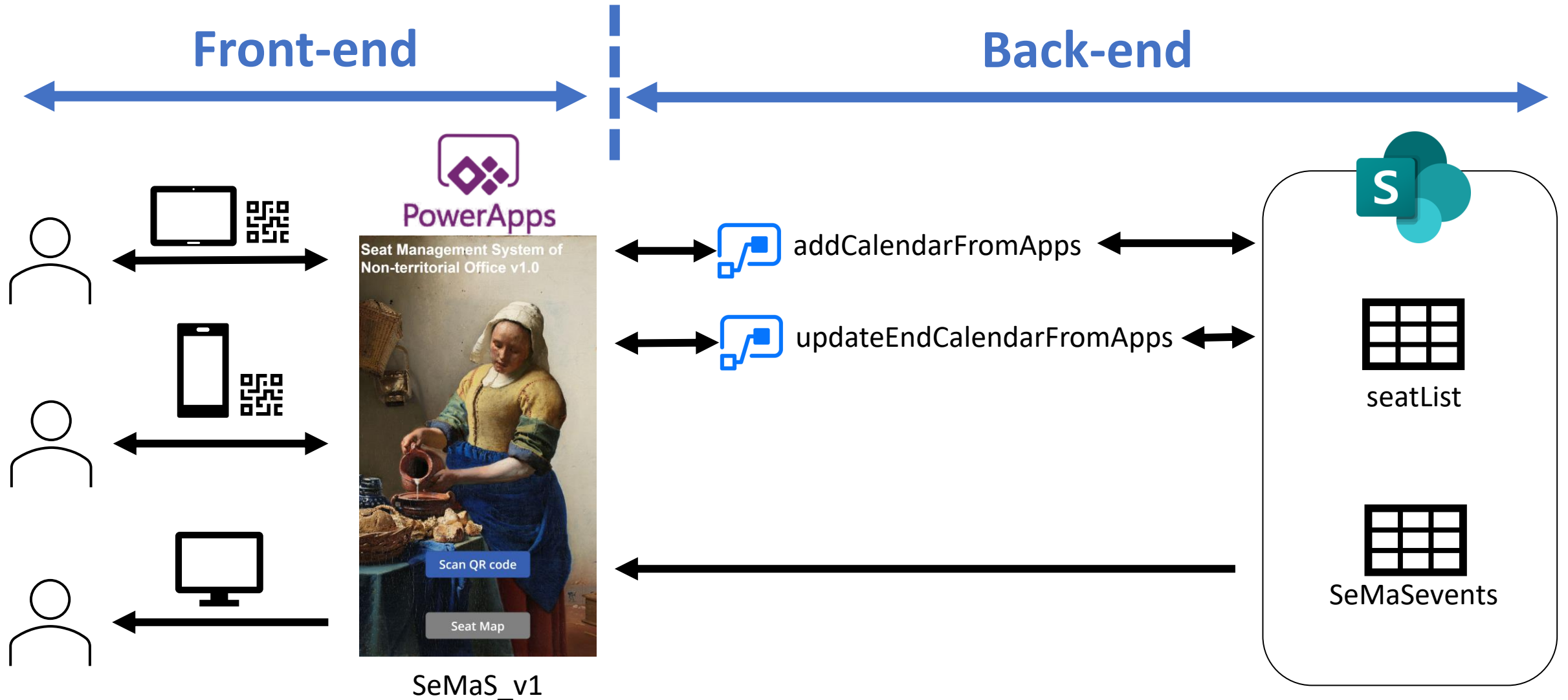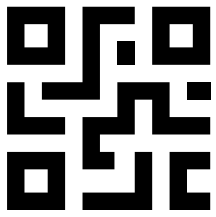# Seat Management System of Non-territorial Office ver. 1.0
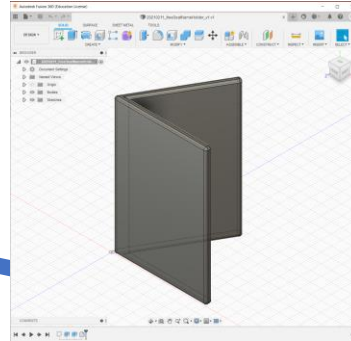
23/Feb./2021

@noguhiro2002

Whole SeMaS ver.1.0 architecture

Preparing QR code
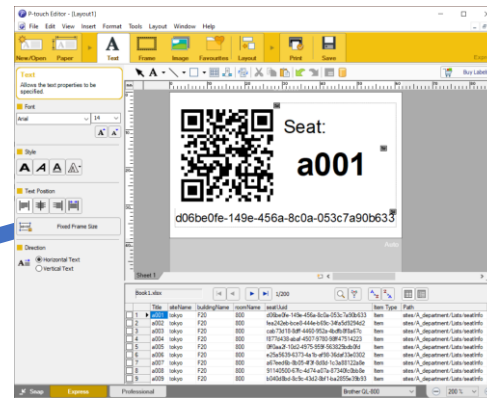
3D files of QR-label holder are available at "noguhiro2002/PowerApps_SeMaS/holder/" (Fusion360 archive file: f3d, and .stl file)

3D-Printer

Label Printer
Ex) QL-800 (brother).

This case, label including QR-code is designed using printer's software.
I used "P-touch Editor" that handled QL-800 (brother).

Lists column description

seatName	
PK	ID
	Title (Single line of text)
	siteName (Single line of text)
	buildingName (Single line of text)
	roomName (Single line of text)
	seatUuid (Single line of text)

SeMaSevents	
PK	ID
	Title (Single line of text)
	Category (Single line of text)
	startTime (Date and Time with include Time)
	endTime (Date and Time with include Time)
	siteName (Single line of text)
	buildingName (Single line of text)
	roomName (Single line of text)
	seatName (Single line of text)
	seatUuid (Single line of text)
	seatUserEmail (Single line of text)
	seatUser (Person)

addCalendarFromApps

Input JSON From PowerApp (SeMeS_v1)

```
{
    userName : User().FullName,
    userEmail : User().Email,
    seatUuid: returnScanUuid
}
```

PowerApps

No additional information is needed for this step. You will be able to use the outputs in subsequent steps.

Parse JSON

* Content — ParseJSON_Co...

* Schema
```
{
    "type": "object",
    "properties": {
        "userName": {
            "type": "string"
        },
        "userEmail": {
            "type": "string"
        },
        "seatUuid": {
```

Generate from sample

```
{
    "type": "object",
    "properties": {
        "userName": {
            "type": "string"
        },
        "userEmail": {
            "type": "string"
        },
        "seatUuid": {
            "type": "string"
        }
    }
}
```

Get user profile (V2)

* User (UPN) — userEmail

Show advanced options ⌄

startTime

* Inputs — utcNow()

fx = utcNow()

endTime

* Inputs — getFutureTime(...

fx = getFutureTime(24,'Hour')

Get items

* Site Address — ⬛⬛⬛⬛⬛
* List Name — seatList
* Limit Entries to Folder — Select a folder, or leave blank for the whole list
* Include Nested Items — Return entries contained in sub-folders (default = true)

Show advanced options ⌄

Site_address_1

https://{site_name}/sites/{site_name}

Ex) https://*yourCompanyName*.sharepoint.com/sites/*yourCommunityName*

Apply to each

* Select an output from previous steps — value ×

Create item

* Site Address — ⬛⬛⬛⬛⬛
* List Name — SeMaSevents
* Title — Given Name × Surname × Title × (siteName × buildingName × roomName ×)
* Category — Using
* startTime — Outputs ×
* endTime — Outputs ×
* siteName — siteName ×
* buildingName — buildingName ×
* roomName — roomName ×
* seatName — Title ×
* seatUuid — seatUuid ×
* seatUserEmail — Mail ×

seatUser Claims - 1
Mail ×

+ Add new item

Show advanced options ⌄

Add an action

Same as the "Site_address_1"

Apply to each 2

* Select an output from previous steps — value ×

Post a message (V3) (Preview)

* Team — ⬛⬛⬛⬛⬛
* Channel — ⬛⬛⬛⬛⬛
* Message — Font | 12 | B I U ...

[Sitting]
eventTitle: Title ×
seatUserEmail: Mail ×
seatUuid: seatUuid ×
startDate(UTC): Outputs ×
endDate(UTC): Outputs ×

Show advanced options ⌄

Add an action

If you want, you can output a log to Teams.

Respond to a PowerApp or flow

id — 12345

+ Add an output

For future using. Now it is not needed.

+ New step   Save

updateEndCalendarFromApps

From PowerApp (SeMeS_v1)
ID value
ex) 1

PowerApps

No additional information is needed for this step. You will be able to use the outputs in subsequent steps.

Get item 2

* Site Address

* List Name — SeMaSevents

* Id — GetItem_Id ×

Show advanced options ∨

Same as the "Site_address_1"

Update item

* Site Address

* List Name — SeMaSevents

* Id — ID ×

* Title — Title ×

* Category — Used

* startTime — startTime ×

* endTime — utcNow() ×

* siteName — siteName ×

* buildingName — buildingName ×

* roomName — roomName ×

* seatName — seatName ×

* seatUuid — seatUuid ×

* seatUserEmail — seatUserEmail ×

seatUser Claims - 1
seatUserEmail ×
+ Add new item

Show advanced options ∨

Same as the "Site_address_1"

$fx = utcNow()$

Post a message (V3) (Preview)

* Team

* Channel

* Message

Font   12   **B** *I* U ⌖ ≔ ≔ ⬅ ➡ 🔗 🖿 </>

[Leaving]
eventTitle: body/Title ×
seatUserEmail: body/seatUserEmail ×
seatUuid: body/seatUuid ×
startDate(UTC): body/startTime ×
endDate(UTC): convertTimeZone(...) ×

Show advanced options ∨

If you want, you can output a log to Teams.

Respond to a PowerApp or flow

res   0

+ Add an output

For future using. Now it is not needed.

+ New step   Save