

# SAM modification

## Time Zones

Used in connection with setting the periods where access are allowed. Example: The Cleaning staff only need access from 5pm to 11pm every day except Saturday and Sunday.

Table:

CustomerID ( as different customers have different zones )

String TimeZone example: "Z1"; "Z2"

String Description example: "All weekdays from 08-16"; "All time 24/7"

Enum Monday example: "Yes"; "Yes"

Enum Tuesday example: "Yes"; "Yes"

Enum Wednesday example: "Yes"; "Yes"

Enum Thursday example: "Yes"; "Yes"

Enum Friday example: "Yes"; "Yes"

Enum Saturday example: "No"; "Yes"

Enum Sunday example: "No"; "Yes"

Time MonFrom example: "08:00"; "00:00"

Time MonTo example: "16:00"; "23:59"

Time TueFrom example: "08:00"; "00:00"

Time TueTo example: "16:00"; "23:59"

Time WedFrom example: "08:00"; "00:00"

Time WedTo example: "16:00"; "23:59"

Time ThuFrom example: "08:00"; "00:00"

Time ThuTo example: "16:00"; "23:59"

Time FriFrom example: "08:00"; "00:00"

Time FriTo example: "16:00"; "23:59"

Time SatFrom example: "00:00"; "00:00"

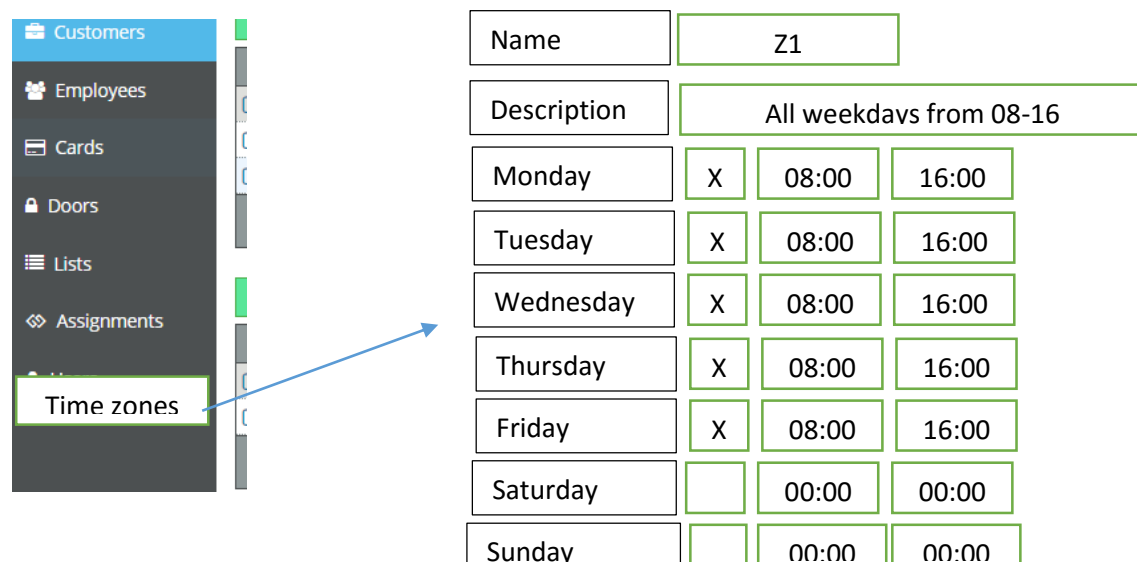
Time SatTo example: "00:00"; "23:59"

Time SunFrom example: "00:00"; "00:00"

Time SunTo example: "00:00"; "23:59"

Admin:

Add as new subject in the admin menu:



The image shows a screenshot of an admin interface. On the left is a sidebar menu with the following items: Customers, Employees, Cards, Doors, Lists, Assignments, and Time zones. The 'Time zones' item is highlighted with a green box, and a blue arrow points from it to a form on the right. The form is for creating a new time zone and contains the following fields:

Name	Z1		
Description	All weekdays from 08-16		
Monday	X	08:00	16:00
Tuesday	X	08:00	16:00
Wednesday	X	08:00	16:00
Thursday	X	08:00	16:00
Friday	X	08:00	16:00
Saturday		00:00	00:00
Sunday		00:00	00:00

## Usage:

When applying for access should be added to the application.

### Apply to get access

SelectCountry

SelectCity

SelectBuilding

SelectArea

SelectDoors

Explanation / **Z1**

Notes, reasons for applying to get access

SendApplication

Dropdown with Code and description

The chosen TimeZone should then appear in the following places:

## Assignment:

+ Assignments								
	CardNumber	Employee	Door	Department	ApprovalLevel	Approved By	ApprovalStatus	
	00000001		D1		Building	Bilding Owner ...	Rejected	
	00000001		D1		Area	Area Owner Nu...	Rejected	
	00000001		D1		Door	Door Owner Nu...	Rejected	
	00000003	John Dow	D1	Department 1 o...	Building	Bilding Owner ...	Approved	
	00000004	Jack Daniels	D3	Department 1 o...	Manager	Manager Numb...	Approved	
	00000004	Jack Daniels	D3	Department 1 o...	Building	Bilding Owner ...	Approved	
	00000004	Jack Daniels	D3	Department 1 o...	Area	Area Owner Nu...	Waiting for App	
	00000004	Jack Daniels	D3	Department 1 o...	Door	Door Owner Nu...	Waiting for App	
	00000003	John Dow	D1	Department 1 o...	Area	Area Owner Nu...	Approved	
	00000002	Lars Larsen	D1	Department 1 o...	Door	Door Owner Nu...	Approved	
	00000002	Lars Larsen	D1	Department 1 o...	Building	Bilding Owner ...	Approved	
	00000004	Jack Daniels	D2	Department 1 o...	Manager	Manager Numb...	Approved	
	00000004	Jack Daniels	D2	Department 1 o...	Building	Bilding Owner ...	Approved	
	00000004	Jack Daniels	D2	Department 1 o...	Area	Area Owner Nu...	Approved	
	00000004	Jack Daniels	D2	Department 1 o...	Door	Door Owner Nu...	Approved	
	00000002	Lars Larsen	D1	Department 1 o...	Area	Area Owner Nu...	Approved	
	00000003	John Dow	D1	Department 1 o...	Door	Door Owner Nu...	Approved	
	00000003	John Dow	D1	Department 1 o...	Manager	Manager Numb...	Approved	
	00000003	John Dow	D2	Department 1 o...	Manager	Manager Numb...	Approved	
	00000003	John Dow	D2	Department 1 o...	Building	Bilding Owner ...	Approved	

## My Applications:

### Status of applications

#### Applications

ApprovalLevel	Door	Created Date	Status	Approved By	Approved Date
Area	D3	Oct 14, 2015	Waiting for Approval	Area Owner Number Two	
Door	D3	Oct 14, 2015	Waiting for Approval	Door Owner Number One	

Show 20 entries

## My Approvals:

### Approve applications

#### MyApprovals

	ApplicantName	ApplicantDepartment	ApprovalLevel	DoorName	DateApplied
<span>Approve</span> <span>Reject</span>	Jack Daniels	Department 1 of Company 1	Area	D3	Oct 14, 2015
Show 20 entries					

## Type of assignment

Assignment can be created in two ways: Standard or Special

“Standard” is when assignment are created automatically entering doors from doorlists > departmentlists. “Special” when applying through “Get Access”

### New column on the Assignment

#### Enum Type

To be shown in the Assignemnts:

+ Assignments								
	CardNumber	Employee	Door	Department	ApprovalLevel	Approved By	ApprovalStatus	
	00000001		D1		Building	Bilding Owner ...	Rejected	
	00000001		D1		Area	Area Owner Nu...	Rejected	
	00000001		D1		Door	Door Owner Nu...	Rejected	
	00000003	John Dow	D1	Department 1 o...	Building	Bilding Owner ...	Approved	
	00000004	Jack Daniels	D3	Department 1 o...	Manager	Manager Numb...	Approved	
	00000004	Jack Daniels	D3	Department 1 o...	Building	Bilding Owner ...	Approved	
	00000004	Jack Daniels	D3	Department 1 o...	Area	Area Owner Nu...	Waiting for App	
	00000004	Jack Daniels	D3	Department 1 o...	Door	Door Owner Nu...	Waiting for App	
	00000003	John Dow	D1	Department 1 o...	Area	Area Owner Nu...	Approved	
	00000002	Lars Larsen	D1	Department 1 o...	Door	Door Owner Nu...	Approved	
	00000002	Lars Larsen	D1	Department 1 o...	Building	Bilding Owner ...	Approved	
	00000004	Jack Daniels	D2	Department 1 o...	Manager	Manager Numb...	Approved	
	00000004	Jack Daniels	D2	Department 1 o...	Building	Bilding Owner ...	Approved	
	00000004	Jack Daniels	D2	Department 1 o...	Area	Area Owner Nu...	Approved	
	00000004	Jack Daniels	D2	Department 1 o...	Door	Door Owner Nu...	Approved	
	00000002	Lars Larsen	D1	Department 1 o...	Area	Area Owner Nu...	Approved	
	00000003	John Dow	D1	Department 1 o...	Door	Door Owner Nu...	Approved	
	00000003	John Dow	D1	Department 1 o...	Manager	Manager Numb...	Approved	
	00000003	John Dow	D2	Department 1 o...	Manager	Manager Numb...	Approved	
	00000003	John Dow	D2	Department 1 o...	Building	Bilding Owner ...	Approved	

## Filtering on Pre-approved

When adding doors to a doorlist, only doors that can be preapproved, are shown.

The screenshot shows a web interface for managing doorlists. At the top, there are input fields for 'Name' (containing 'New list') and 'Customer' (containing 'Customer 1'). Below these is a table with two columns: 'AllDoors' and 'DoorsInList'. The 'AllDoors' column contains a list of doors: D1, D2, D3, D4, and D4. A blue arrow points to the first 'D4' entry. A green oval with the text 'Pre approved' is positioned over the 'D4' entries. A 'Search...' button is located above the 'AllDoors' list. At the bottom right, there is a 'Save Changes' button.

## Type of cards

There is a need for more “type” of cards. Now we have Internal or Guest.

To be added are: External and Replacement

### New Card

The screenshot shows a 'New Card' form. It includes fields for 'Number' (with a placeholder 'Number will be assigned after saving'), 'Customer' (a dropdown menu), and 'ActivationCode' (containing '1238a38e-ab2e-4758-825c-6cd3ac98cc7d'). Below these is a 'Status' dropdown menu set to 'Inactive'. To the right of the 'Status' field is a 'CardType' dropdown menu set to 'Internal'. A blue arrow points from a green box containing the list 'Internal', 'Guest', 'External', and 'Replacement' to the 'CardType' dropdown. At the bottom right, there is a 'Save Changes' button.

## Card Expiring

Adding Expiring date to the Card table. Can be empty, meaning no expiring date.

### New Card

The screenshot shows a 'New Card' form, similar to the one above. It includes fields for 'Number', 'Customer', and 'ActivationCode'. Below these is a 'Status' dropdown menu set to 'Inactive'. To the right of the 'Status' field is a 'CardType' dropdown menu set to 'Internal'. Below the 'CardType' field is a new 'Expiring' field, which is highlighted with a green box and contains the date '02-12-2016'. At the bottom right, there are 'Save Changes' and 'Cancel' buttons.

## System parameters

There is a need for saving some system parameters.

Table: SystemParameters

CustomerID ( different parameters per Customer )

Field: Integer PINLength

## Pin code

To change to PIN code you would also need to put in the old PIN code. To apply for a new PIN just press button “Apply for new”

The diagram shows a web form titled "If I forgot my PIN code". The form includes a "Change your PIN" section with a "Old PIN" field, a "PIN Code" section with an "enter new PIN code" field, and a "Confirm PIN Code" section with a "confirm your new PIN" field. A "Submit" button is at the bottom. A green box labeled "Apply for new" is positioned above the "Old PIN" field. A blue arrow points from the "Old PIN" field to a green oval containing the text "Old PIN to change PIN". Another blue arrow points from the "Apply for new" button to a green oval containing the text "User get's a new from the system send by email".

PIN validation:

PIN Length as set in System Parameters, Not 2 alike numbers in a row or numbers in a full row like “1234”

## Approval Level

The meaning of the approval level set on a door needs to change for Area and Door in a way that they do not implicate an assignment to the level above.

- Door level only creates an assignment for the Manager and Door owner
- Area level only crates an assignment for the Manager and Area owner

The screenshot shows a "New Door" form. It has a "Name" field with a red border and a "required" message below it. There is a "PreApproved" checkbox with a "Yes" label. A dropdown menu for "ApprovalLevel" is open, showing options: "Nobody", "Manager" (highlighted in blue), "Building", "Area", and "Door". A "Submit" button is visible on the right.

## Apply for access on another's behalf

In order to be able to prepare a card even before a new employee has started, the secretary or colleague should be able to apply for additional (special access) on the new employee's behalf.

### Apply to get access

SelectCountry

SelectCity

SelectBuilding

SelectArea

SelectDoors

Explanation / Reason

Notes, reasons for applying to get access

Who to get access:

John Dow

SendApplication

Dropdown of  
Employees – default  
current user

## Delegate approval

When on vacation or other absence the approval should be possible to delegate to another person for a period of time.

### Changes to the Employee table:

- New column on the Employee table called "Delegate to" which can be another employee who has the same role.
- New column on the Employee table called "Delegate from" – as a date and time
- New column on the Employee table called "Delegate until" – as a date and time

### All columns to be shown on the "Employees"

+ Employees											
Search											
	Name	Email	Department	Manager	CurrentCard	PIN Code	Image	Status	Role	Use	
	Area Owner Number One	ao1@larsen.com	Department 1 o...					Normal	AreaOwner	user	
	Area Owner Number Two	ao2@larsen.com	Department 1 o...					Normal	AreaOwner	user	
	Bilding Owner Number One	bo1@larsen.com	Department 1 o...					Normal	BuildingOwner	user	
	Bilding Owner Number Two	bo2@larsen.com	Department 2 o...					Normal	BuildingOwner	user	
	Door Owner Number One	do1@larsen.com	Department 1 o...					Normal	DoorOwner	user	
	Door Owner Number Two	do2@larsen.com	Department 1 o...					Normal	DoorOwner	user	
	Jack Daniels	jack@daniels.com	Department 1 o...	Manager Numb...	00000004	4343		New	Normal	user	
	John Dow	john@larsen.com	Department 1 o...	Manager Numb...	00000003	1234		Normal	Normal	user	
	Lars Larsen	lars@larsen.com	Department 1 o...		00000002	1234		Normal	Admin	1	
	Manager Number One	mnr@larsen.com	Department 1 o...					Normal	Manager	usen	
	Manager Number Two	mnr2@larsen.c...	Department 2 o...					Resigned	Manager	user	

To be updates by the user:

Activate Card

Get Access

Lost Card

Set PIN

My Applications

My Approvals

My Delegation

Delegate to

John Dow

Delegate from

01-12-2015 08:00

Delegate until

08-12-2015 08:00

Update

Default = "None"

## My access

List of my access. Adding menu to user area. Sorted by City, Building, Area and Door

City	Building	Area	Door	Access
Copenhagen	B1	A1	D1	Approved
Copenhagen	B1	A1	D2	Rejected

## Employee access

List of the Managers employee's access. Adding new menu to user area. Only shown for managers.  
Sorted by Employee, City, Building, Area and Door:

Employee	City	Building	Area	Door	Access
John Dow	Copenhagen	B1	A1	D2	Approved
Jack Larsen	Copenhagen	B2	A1	D4	Rejected

Like:

Activate Card

Get Access

Lost Card

Set PIN

My Applications

My Approvals

My Access

Employee Access