

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"

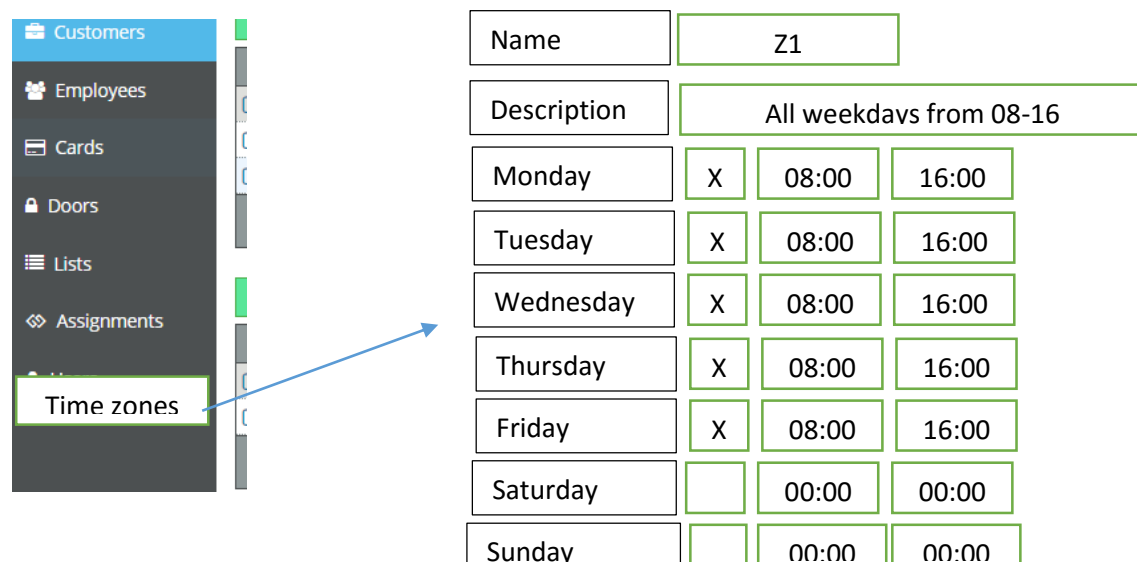
Time SatTo example: "00:00"; "23:59"

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 titled 'Name' and 'Description'. Below these are fields for 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday', and 'Sunday'. Each day has a checkbox and two time input fields (From and To).

Name	Z1		
Description	All weekdays from 08-16		
Monday	<input checked="" type="checkbox"/>	08:00	16:00
Tuesday	<input checked="" type="checkbox"/>	08:00	16:00
Wednesday	<input checked="" type="checkbox"/>	08:00	16:00
Thursday	<input checked="" type="checkbox"/>	08:00	16:00
Friday	<input checked="" type="checkbox"/>	08:00	16:00
Saturday	<input type="checkbox"/>	00:00	00:00
Sunday	<input type="checkbox"/>	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	Blding Owner ...	Rejected	
	00000001		D1		Area	Area Owner Nu...	Rejected	
	00000001		D1		Door	Door Owner Nu...	Rejected	
	00000003	John Dow	D1	Department 1 o...	Building	Blding Owner ...	Approved	
	00000004	Jack Daniels	D3	Department 1 o...	Manager	Manager Numb...	Approved	
	00000004	Jack Daniels	D3	Department 1 o...	Building	Blding 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	Blding Owner ...	Approved	
	00000004	Jack Daniels	D2	Department 1 o...	Manager	Manager Numb...	Approved	
	00000004	Jack Daniels	D2	Department 1 o...	Building	Blding 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	Blding Owner ...	Approved	

My Applications:

Status of applications

Applications

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

Show 20 entries

My Approvals:

Approve applications

MyApprovals

	ApplicantName	ApplicantDepartment	ApprovalLevel	DoorName	DateApplied
Approve Reject	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 'Save Changes' button is located at the bottom right of the interface.

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 the 'New Card' form. It includes fields for 'Number' (with a placeholder 'Number will be assigned after saving'), 'Customer' (a dropdown menu), 'ActivationCode' (a text field with a long alphanumeric string), 'Status' (a dropdown menu set to 'Inactive'), and 'CardType' (a dropdown menu set to 'Internal'). A blue arrow points to the 'CardType' dropdown. A green box with a list of options is shown next to the dropdown: 'Internal', 'Guest', 'External', and 'Replacement'. A 'Save Changes' button is located at the bottom right of the form.

Card Expiring

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

New Card

The screenshot shows the 'New Card' form, similar to the previous one, but with an additional 'Expiring' field. This field is a text input containing the date '02-12-2016'. The 'CardType' dropdown is still set to 'Internal'. A 'Save Changes' button and a 'Cancel' button are located at the bottom right of the form.

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 form titled "If I forgot my PIN code". It 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 at the top right. Two green ovals with arrows point to the "Old PIN" field and the "Apply for new" button. The ovals contain the text "Old PIN to change PIN" and "User get's a new from the system send by email" respectively.

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 "Field must be set" message. The "ApprovalLevel" dropdown menu is open, showing options: "Nobody", "Manager" (selected), "Building", "Area", and "Door". There is a "PreApproved" checkbox with a "Yes" label. A "Submit" button is at the bottom 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											
	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	mgr@larsen.com	Department 1 o...					Normal	Manager	usen	
	Manager Number Two	mgr2@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:

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My Access

Employee Access