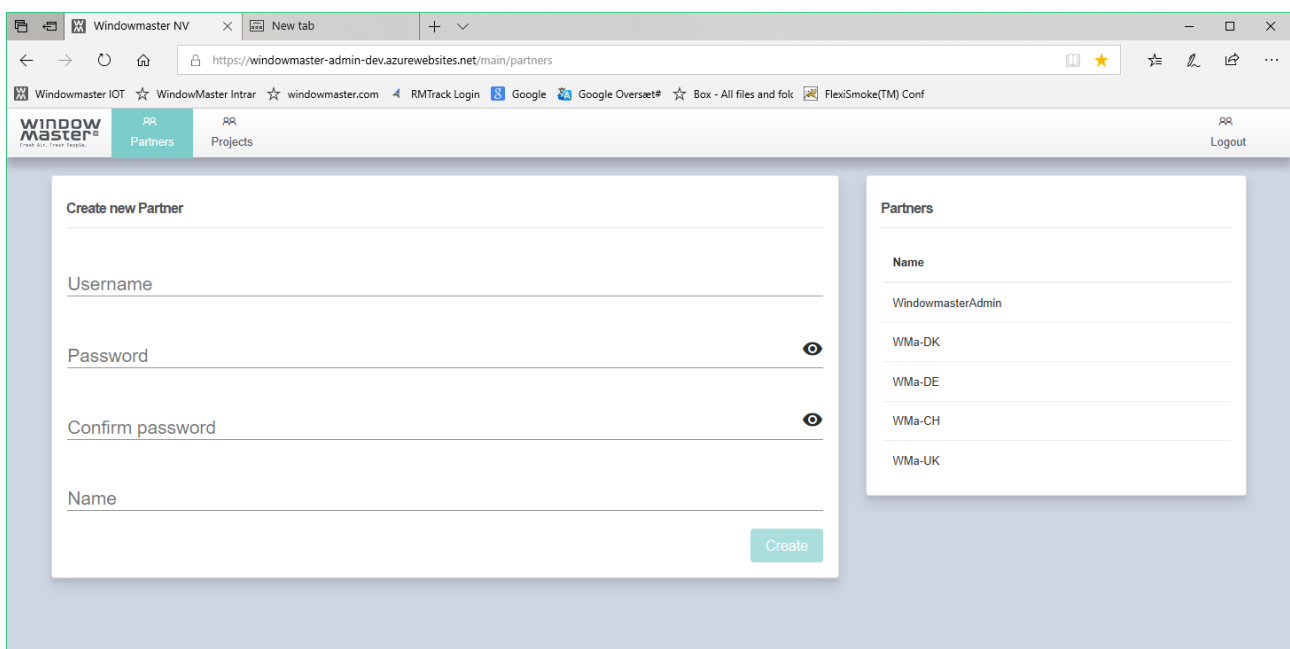


WMaCloud Quick Guide



DK	+45 4567 0300
DE	+49 40 87 409 -560 Vertrieb / - 484 Technik
UK	+44 1536 614 070
CH	+41 62 289 22 22
NO	+47 33 99 71 00
US	+1 650 360 5414
Other market	+45 4567 0300

info.dk@windowmaster.com
info.de@windowmaster.com
info.uk@windowmaster.com
info.ch@windowmaster.com
info.no@windowmaster.com
info.us@windowmaster.com
info.dk@windowmaster.com

www.windowmaster.com

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1. General

This describes how to work with WMaCloud to create and administrate NVE system.

General

The WMaCloud is a web-based application designed for easy creation and administration of NVE systems. The application structure is hierarchical with three User roles.

- A Partner – can
 - Create a new Partner that will refer to him
 - Create a new Project with its Facility Manager User.

- A Facility Manager – can
 - Create new building(s) belonging to the project.
 - Import Motor Controllers belonging to the project.
 - Access the Dashboard for project administration.
 - Create Users of the building(s), assign them credentials and give them permissions to see the status of specific zones and operate specific windows in the building(s).

- A User – has permission to use the NVE App to see the status of specific zones and operate specific windows in the building(s).

To access the WMaCloud you must have either a Partner or a Project Facility Manager credentials.

Navigate to:

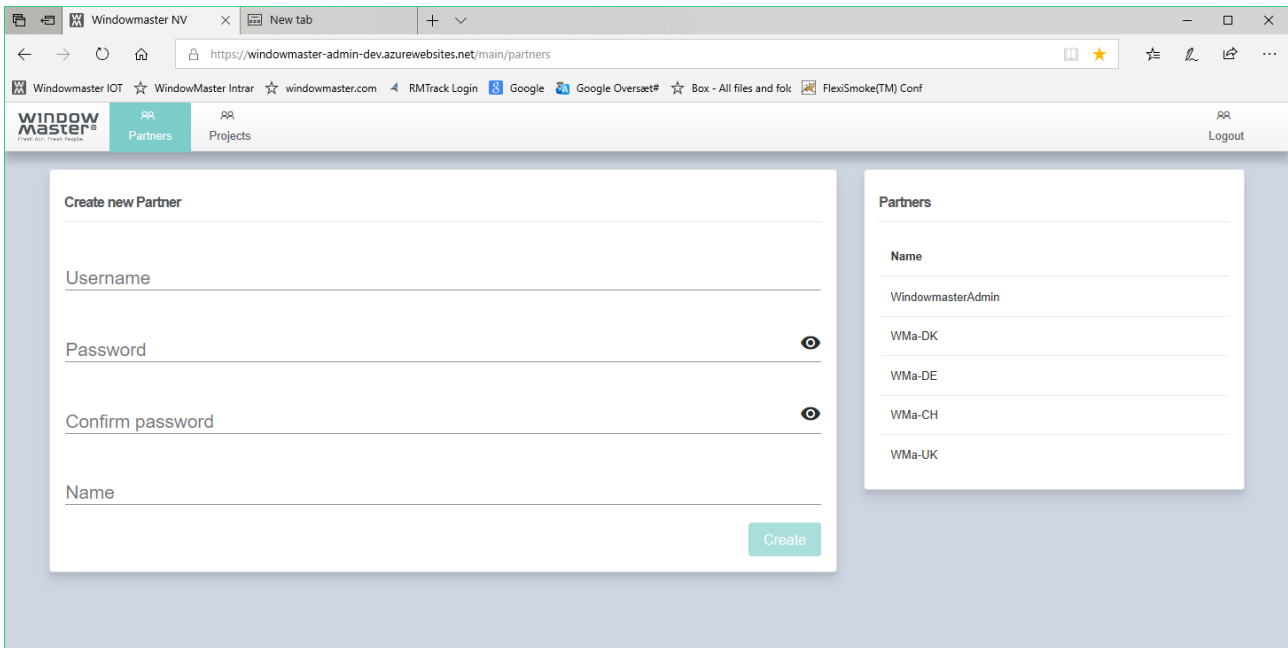
<https://windowmaster-admin-prod.azurewebsites.net/>

and logon with the credentials you have received.

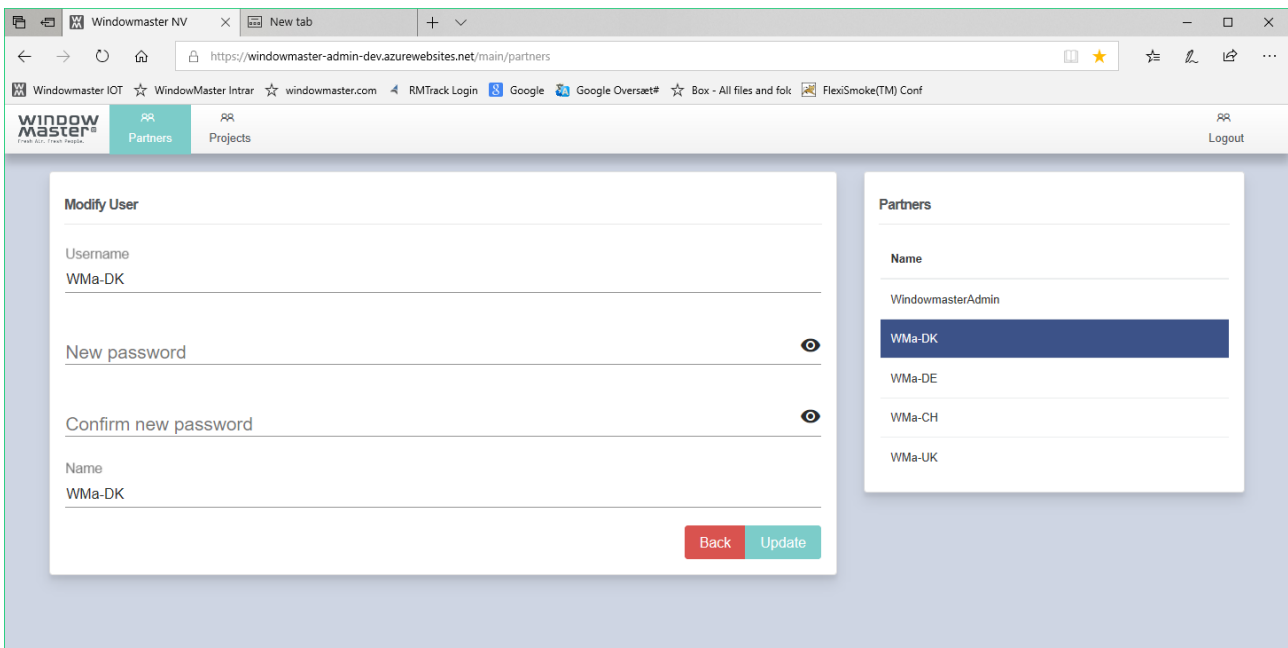
Note that the application is designed to run in either Microsoft Edge or Google Chrome. The application can also run on iPad or Android tablets. The application is not tested with other Internet browsers.

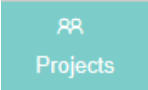
2. Partner Login

When you log in with a Partner credentials you see on the right side of the screen the list of the partners you have already created. On the left side of the screen you can create a new Partner.



Select a Partner on the right side to give her a new password or new name.





Press the **Projects** button to see existing projects on the left side of the screen or create a new project on the right side of the screen. Note that when you create a new project you also create the Project's Facility Manager User.

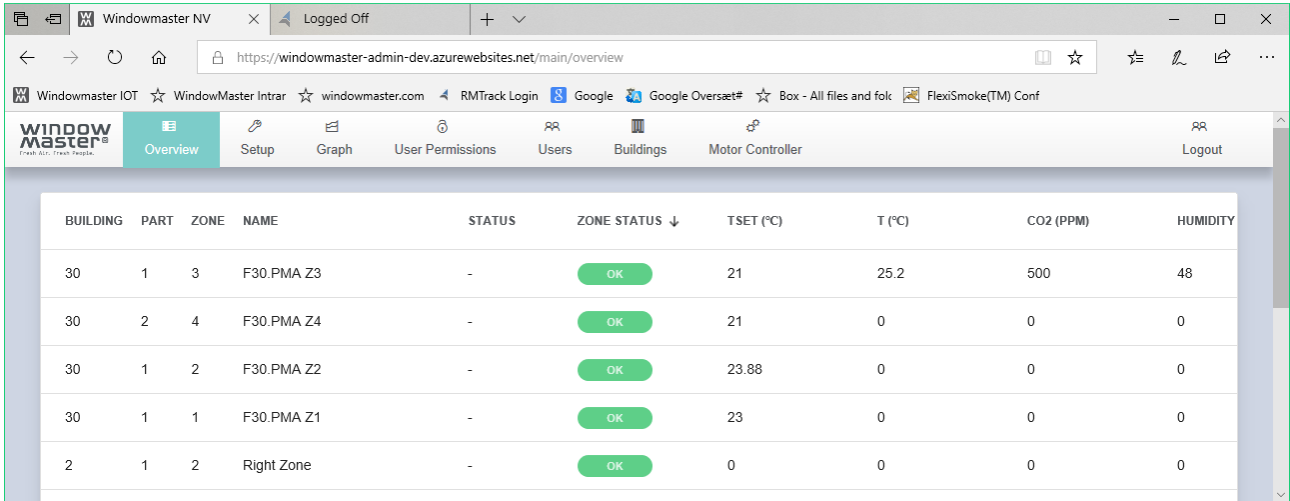
Owner (Partner)	Project Name
WindowmasterAdmin	Test Tenant
WindowmasterAdmin	PMA

3. Facility Manager login

There can only be one Facility Manager Admin account at the moment.
Log in with the Facility Manager credentials you received to administrate your project.

4. Overview

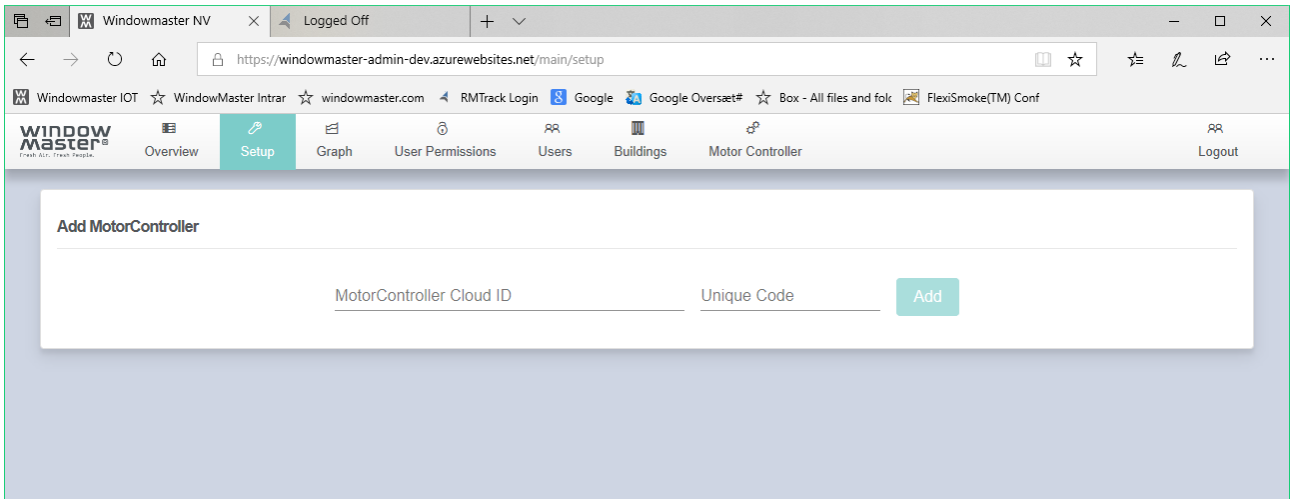
Gives you overview of all zones in all your buildings belonging to the project.



BUILDING	PART	ZONE	NAME	STATUS	ZONE STATUS ↓	TSET (°C)	T (°C)	CO2 (PPM)	HUMIDITY
30	1	3	F30.PMA Z3	-	OK	21	25.2	500	48
30	2	4	F30.PMA Z4	-	OK	21	0	0	0
30	1	2	F30.PMA Z2	-	OK	23.88	0	0	0
30	1	1	F30.PMA Z1	-	OK	23	0	0	0
2	1	2	Right Zone	-	OK	0	0	0	0

5. Setup

Import a MotorController to your project by inserting the Controller Cloud ID and Activation code.
When you successfully import a MotorController the system will use the Building/Part/zone data of its active NV Controllers to create the building structure in WMaCloud.

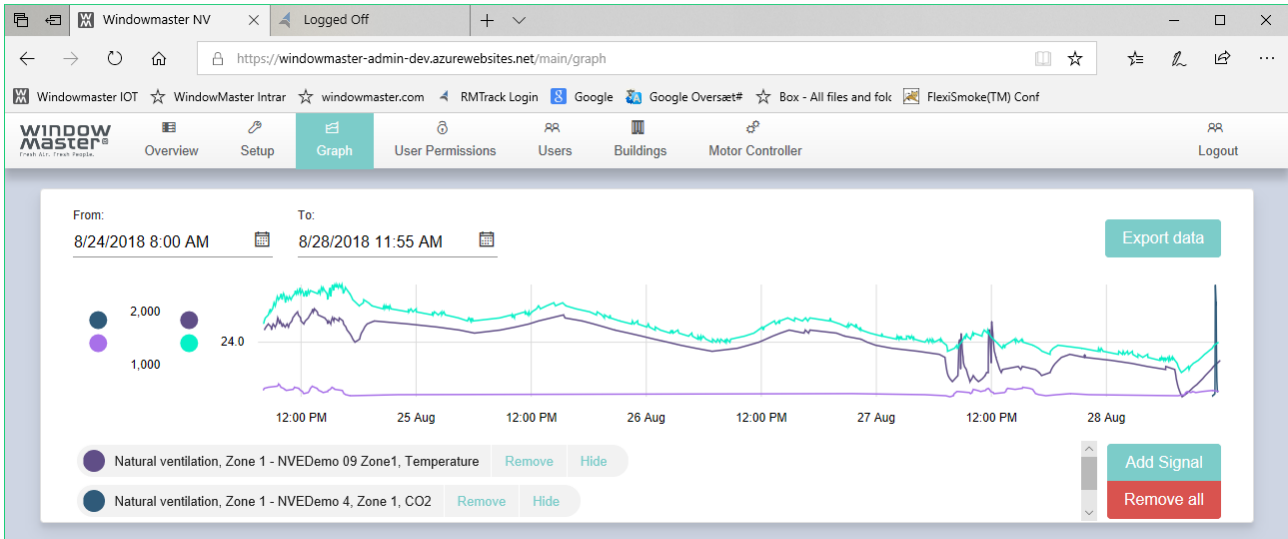


Add MotorController

MotorController Cloud ID Unique Code

6. Graph

You can investigate, and export logged data from the Graph menu. You select the signals to watch by clicking on them in the Overview menu or by pressing 'Add Signal' in the Graph menu. You set the time period to watch in the 'From' and 'To' in the Graph menu. You export the selected data by pressing the 'Export data' button.



7. User Permissions

Select a User and then navigate to the zone and Window to give the User permission to see the zone state and open/close windows by using the NVE App.

The screenshot shows the 'User Permissions' menu in the WindowMaster NV application. The interface includes a navigation bar with 'Overview', 'Setup', 'Graph', 'User Permissions', 'Users', 'Buildings', and 'Motor Controller'. The main area displays the 'Update User Window Permissions' form for the user 'DemoSuitcase08User'.

Update User Window Permissions

Building 28 - Demo Suitcase no. 8

Part 1

	none	read	write
Zone 1 - NVEDemo 8, Zone 1	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Smoke/Comfort ML	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Comfort ML	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

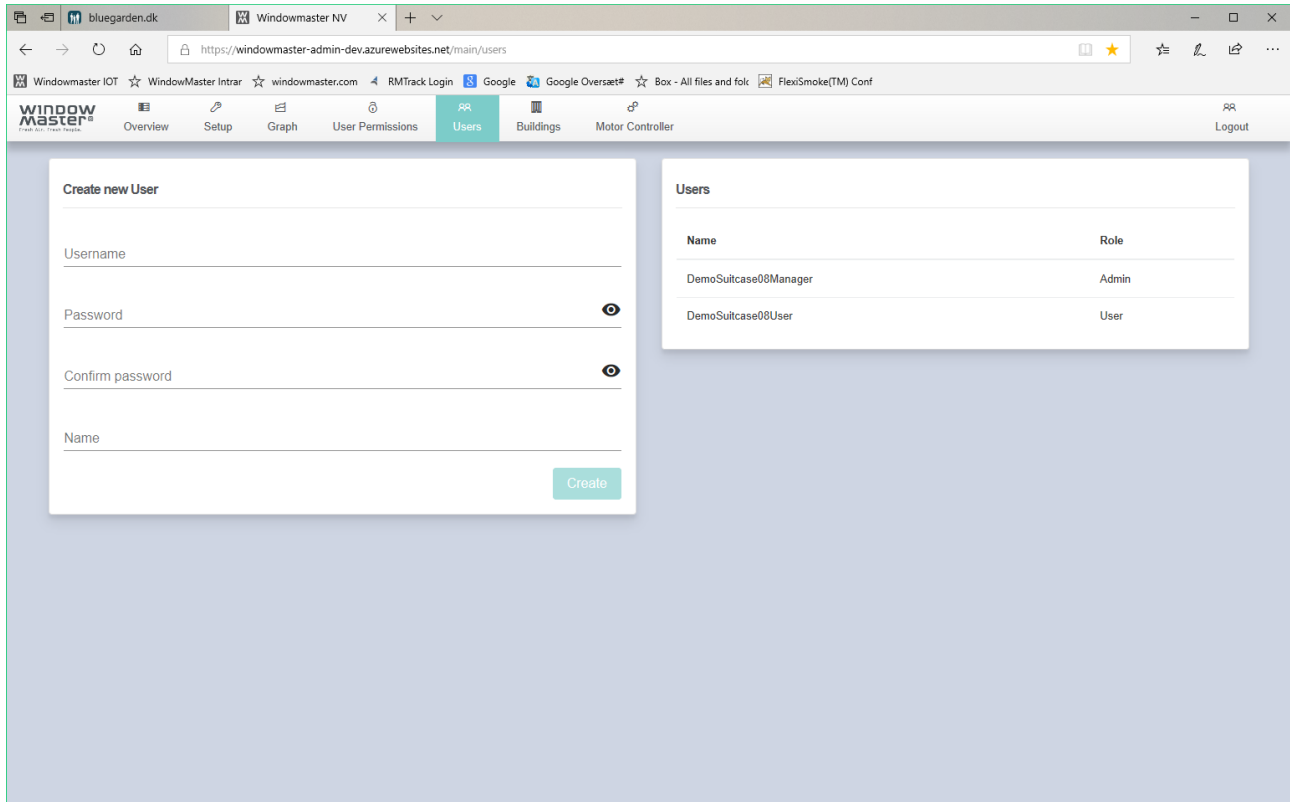
Users

Name	Role
DemoSuitcase08Manager	Admin
DemoSuitcase08User	User

8. Users

Create user account for all the users of the building to give them access to the indoor climate state in the building.

The Username must be an email, the password must be of at least 6 characters.



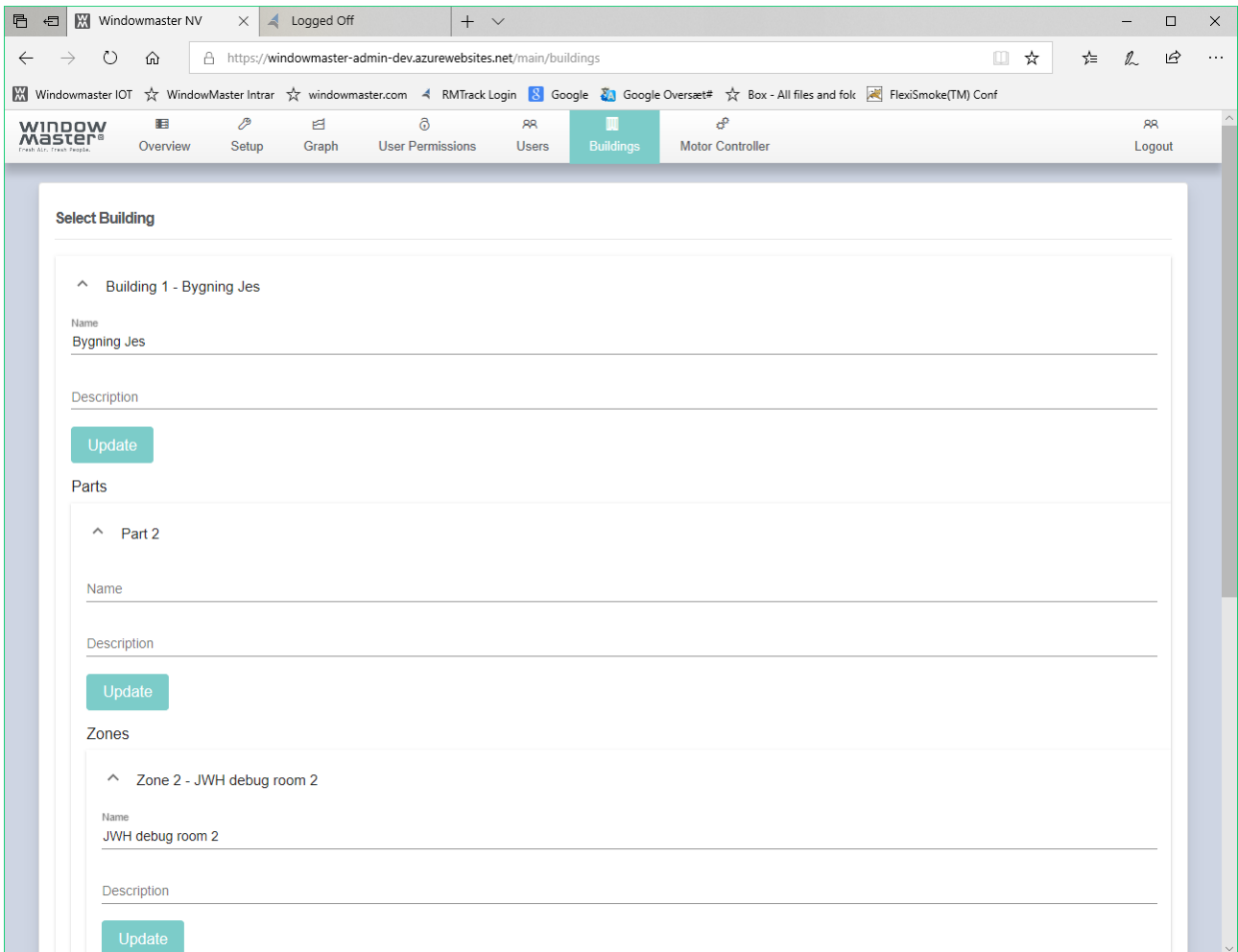
The screenshot shows the 'WindowMaster NV' web application interface. The browser address bar indicates the URL is <https://windowmaster-admin-dev.azurewebsites.net/main/users>. The navigation menu includes 'Overview', 'Setup', 'Graph', 'User Permissions', 'Users', 'Buildings', and 'Motor Controller'. The 'Users' page is divided into two main sections:

- Create new User:** A form with fields for 'Username', 'Password', 'Confirm password', and 'Name'. A 'Create' button is located at the bottom right of the form.
- Users:** A table listing existing users.

Name	Role
DemoSuitcase08Manager	Admin
DemoSuitcase08User	User

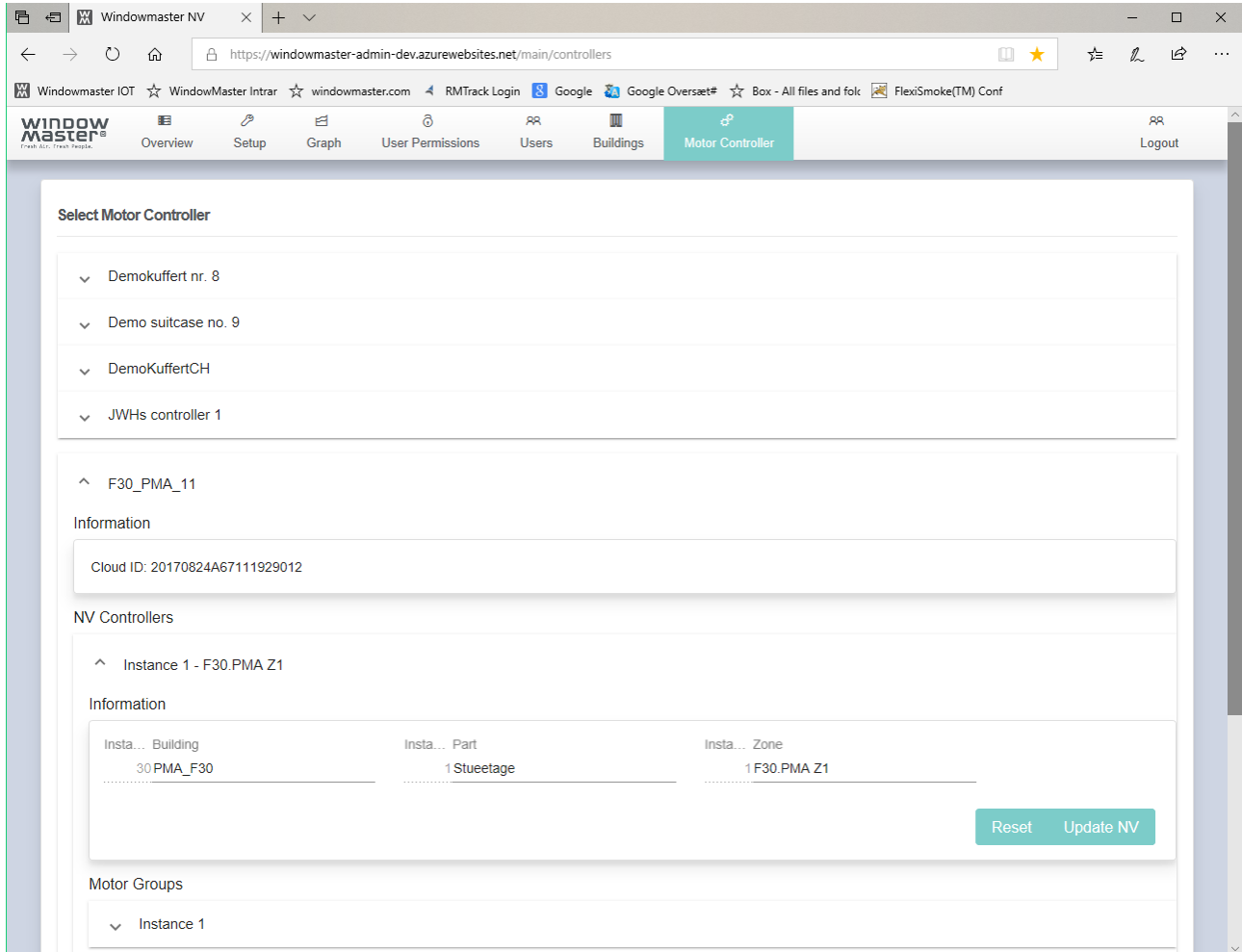
9. Buildings

Give names to Buildings, Parts, Zone and MotorLines. The structure is taken from the NV controllers of the imported MotorControllers.



10. MotorController

Gives overview of all the MotorControllers, belonging (imported into) to the project. MotorController name and its NV Controllers structure in relation to the building structure is taken from the MotorController parameters. NV Controllers names can be modified.



11. Creating a new Project

To create a new project in WMaCloud follow this process

1. Logon to WMaCloud with the credentials of the 'Partner' this new project belongs to. Projects belonging to WMa-NO, for example, must be created under the WMa-NO 'Partner'.
2. Select the 'Projects' view. On the right side of the view you'll see a list of all the projects created under the logged 'Partner'. On the left side you can create a new project.
3. Insert the project name and the credentials of the project's Facility Manager. Then press the "Create" button to create the new project and the new Facility Manager of the project. Note that

the Email of the Facility Manager must be **unique** in WMaCloud. You cannot use an existing User/Facility Manager to manage the new project.

Owner (Partner)	Project Name
WMA-Exhibitions	AHR Expo 2020

4. Logout from the 'Partner'.
5. Login to the new project using the credentials of the newly created Facility Manager.
6. When you are logged on to the new project you will see an empty project. Only the Facility Manager is registered under the 'Users' view.

Name	Role
AHR2020.Manager@windowmaster.com	Administrator

7. You are now ready to add the MotorControllers to the WMaCloud project in the 'Setup' menu, to create Users in the 'Users' view and give them permissions to zones and windows in the 'User Permissions' view.