Menu

FABLAB Users Machines Authorizations Maintenance Interventions Usage history Roles Machine types Logout

Roles

View

Roles

This system page configures the possible role of the users



ID	Name	Reserved	Maintenance?	Authorize All?	Action
1	admin	True	True	True	Edit Delete
2	staff	False	True	False	Edit Delete
3	fab users	False	False	False	Edit Delete

Maintenance = The user can perform maintenance by tapping the card on machine board

Authorize all = User can use any machine in any state

Add new role

Add Role

Role Name:			
Can perform maintenance			
Authorize all			
Add Role			

Edit existing role

Edit Role



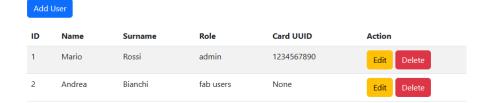
Users

View

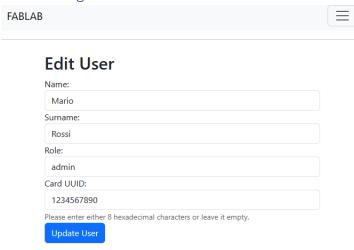
FABLAB Users Machines Authorizations Maintenance Interventions Usage history Roles Machine types Logout

Users

List of machines and web interface users

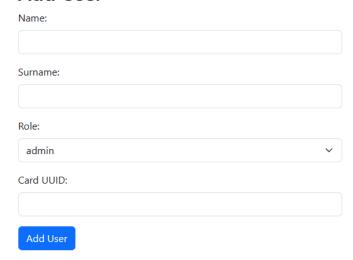


Edit existing user



Add new user

Add User



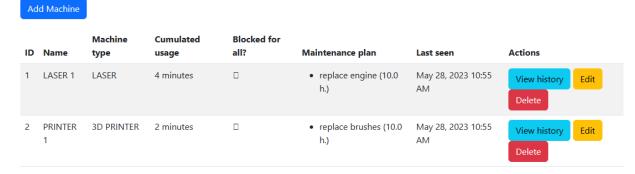
Machines

View machines

FABLAB Users Machines Authorizations Maintenance Interventions Usage history Roles Machine types Logout

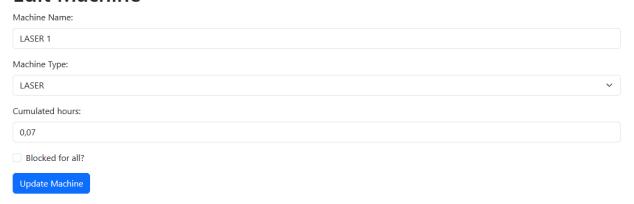
Machines

Use this page to view and configure FabLab machines.



Edit machine

Edit Machine



Add machine

Add Machine



Authorizations

View authorizations

FABLAB Users Machines Authorizations Maintenance Interventions Usage history Roles Machine types Logout

Authorizations

Add Authorization					
ID	User	Machine	Action		
1	Mario	LASER 1	Edit Delete		
2	Andrea	LASER 1	Edit Delete		
3	Andrea	PRINTER 1	Edit Delete		

Add authorization

Add Authorization

User

Mario Rossi

Machine

LASER 1

Add Authorization

Edit authorization

FABLAB

Edit Authorization

User

Mario

Machine

LASER 1

Update Authorization

Maintenance

View

Maintenances

This system page configures the possible maintenances actions of the machines

Add Maintenance	
Hours Between: 10.0 Description: replace engine Machine: LASER 1	Edit Delete
Hours Between: 10.0 Description: replace brushes Machine: PRINTER 1	Edit Delete

Edit

Edit Maintenance



Add new maintenance

Add Maintenance



Interventions

View

Interventions

This is the list of performed maintenance actions on the machines.



Add manually

Interventions will be created automatically by tapping the card on the machine board, but can be added manually.

Add Intervention



Edit interventions

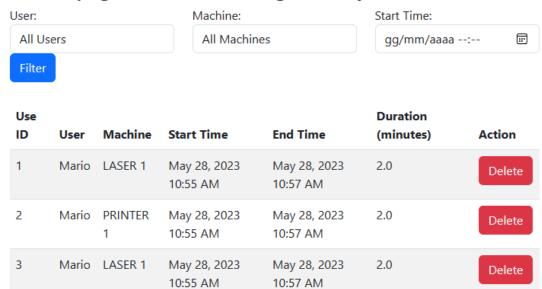
FABLAB

Edit Intervention



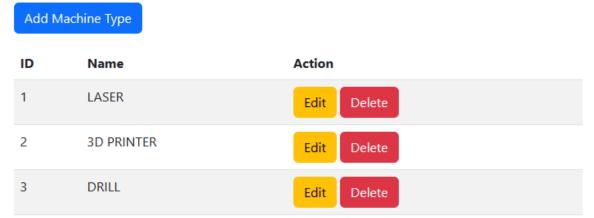
Usage History

Search page for machine usage history



Machine Types

This page defines the categories of machines in the LAB. Machine types are used only for filtering machines.



Technical details

- https://github.com/fablab-bergamo/rfid-backend
- Flask python application + MQTT client

TODO/MISSING

- Web authentication
- PDF upload for maintenance procedures