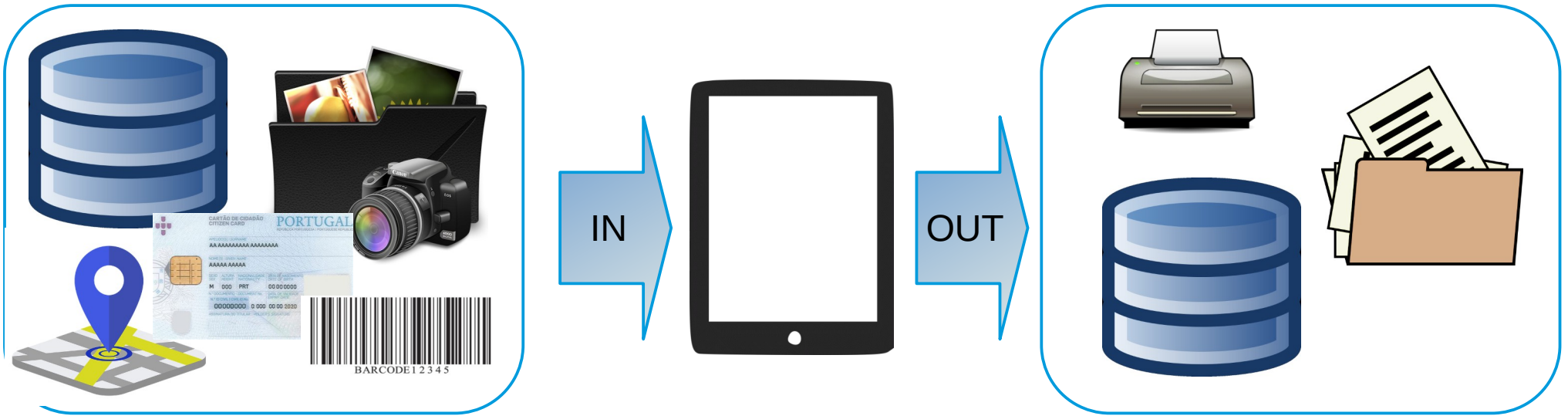
Forms

Rev. 6.0

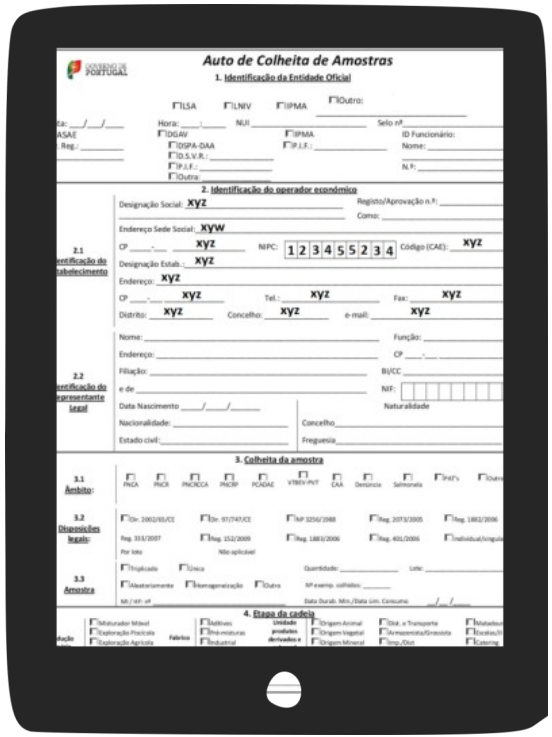
GOAL

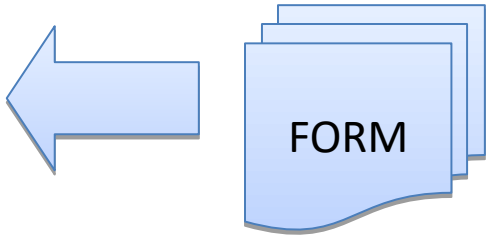
- Operate in any situation: online or offline
- Inputs: manual, automatic, photos, barcodes, gps, …
- Managers



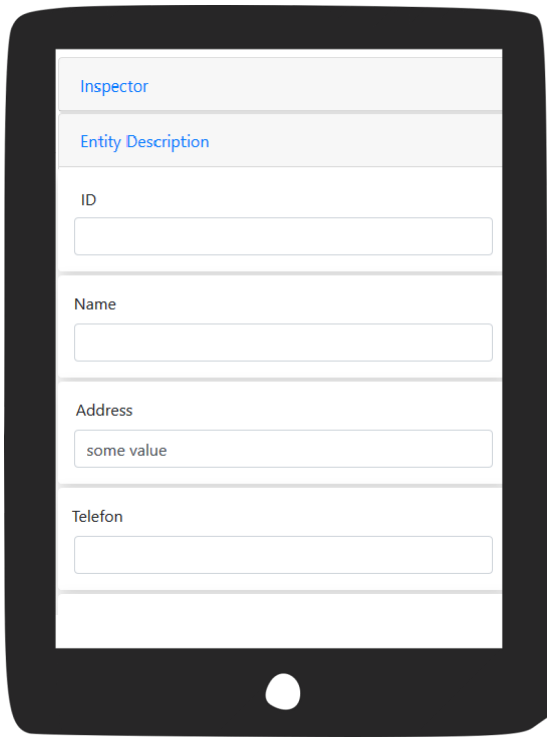
GOAL

FORM VIEW





LIST VIEW



The user is able to alternate between the two at any time. So, he can choose whatever he feels more comfortable.

The ***Form View*** is more adequate for PC or large Tablets and the ***List View*** for Small Tablets and Smartphones.

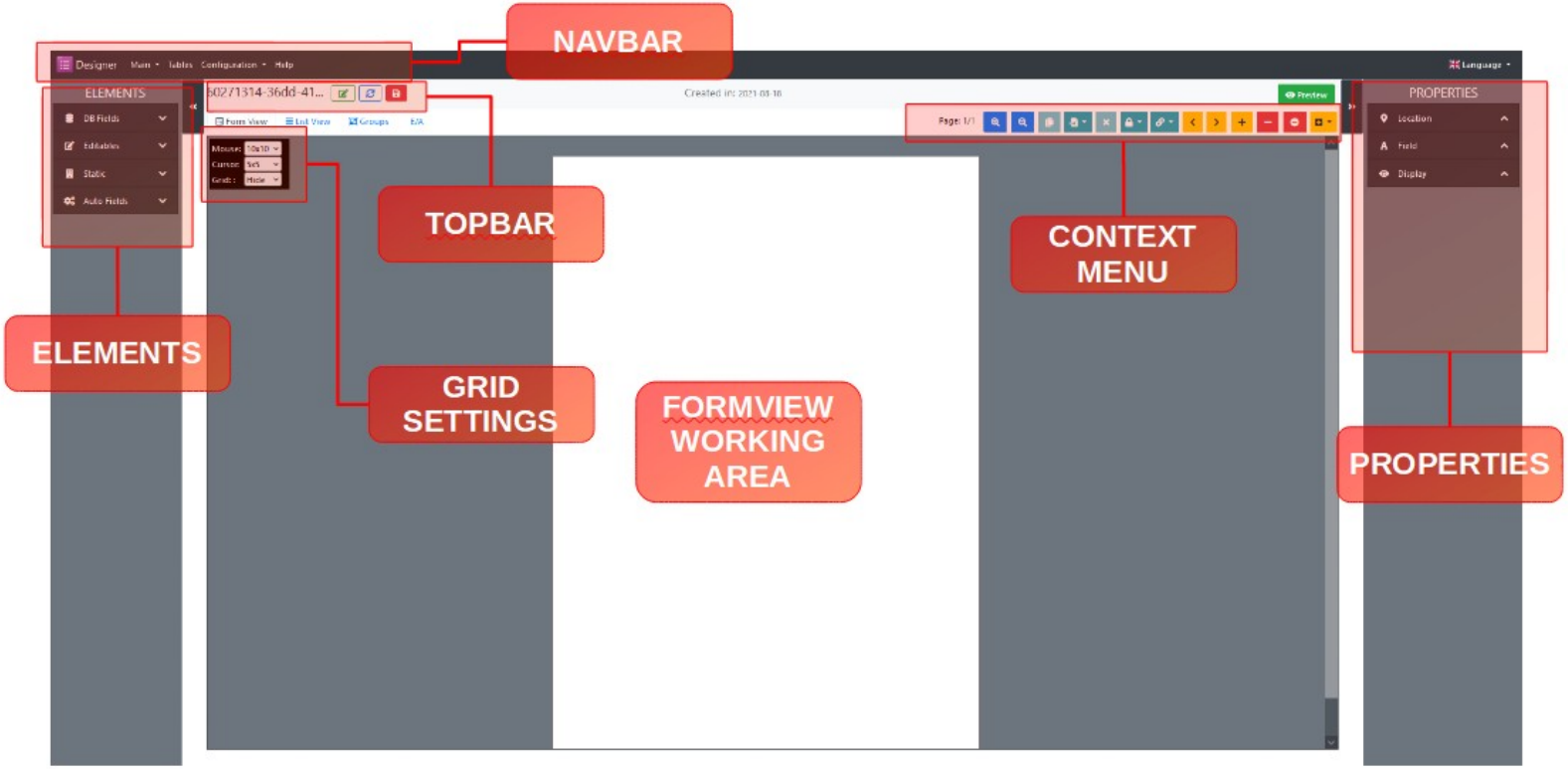
CURRENT STATE

- 7 blocks:

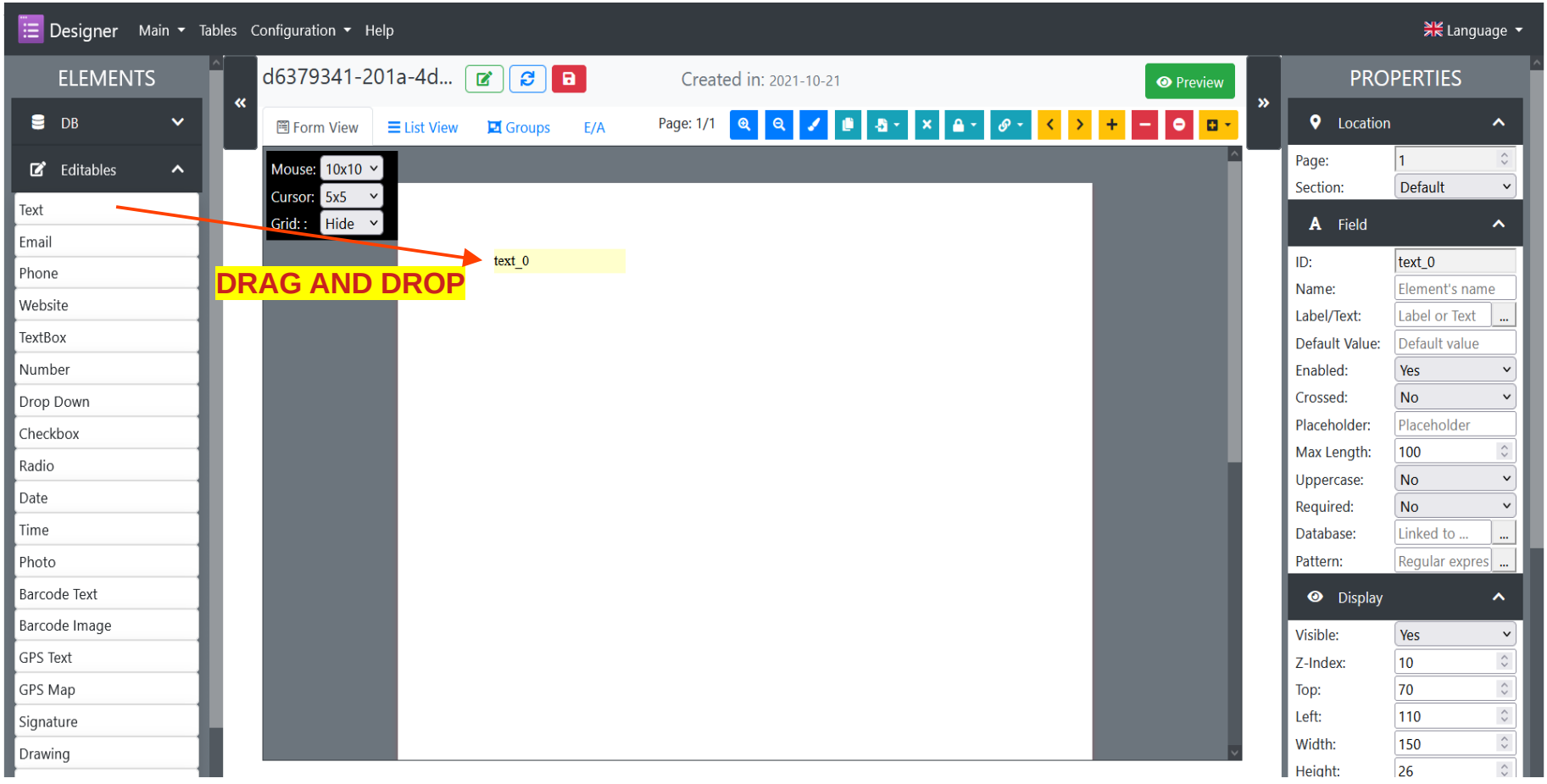
EDITOR

EDITOR (main)

Follows the typical design layout:

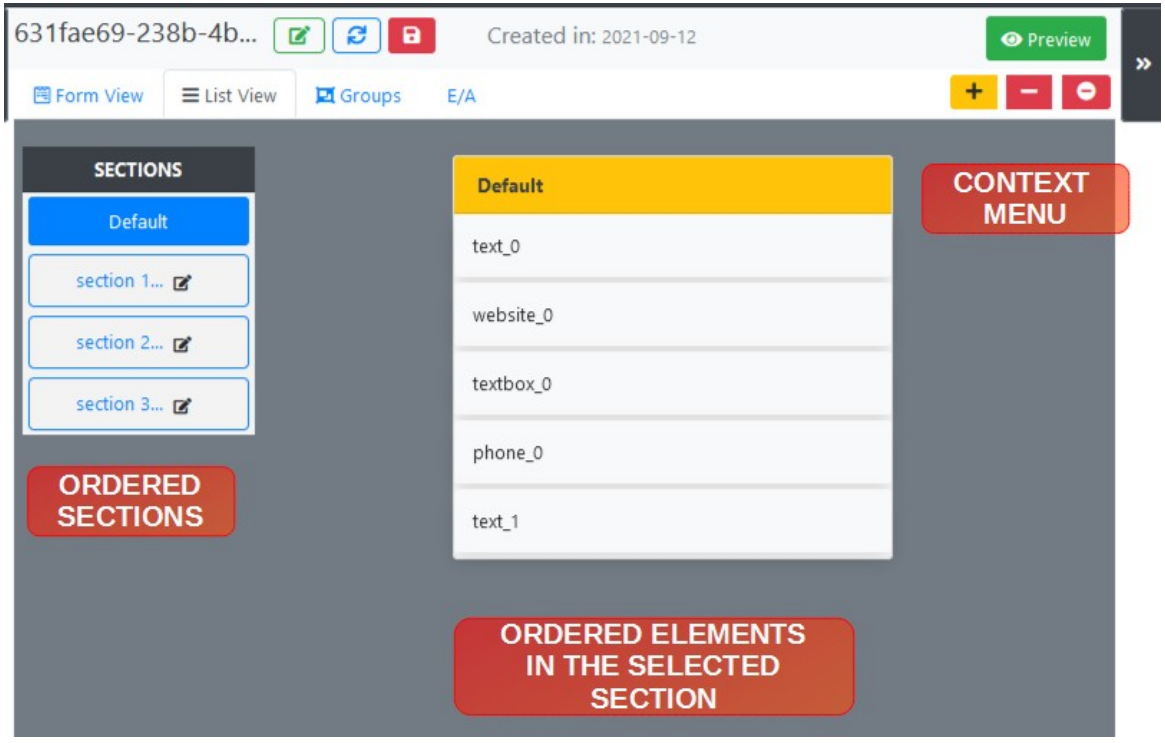


EDITOR (main)


Designer
Main
Tables
Configuration
Help
Language
ELEMENTS
DB
Editables
Text
Email
Phone
Website
TextBox
Number
Drop Down
Checkbox
Radio
Date
Time
Photo
Barcode Text
Barcode Image
GPS Text
GPS Map
Signature
Drawing
d6379341-201a-4d...
Created in: 2021-10-21
Preview
Form View
List View
Groups
E/A
Page: 1/1
Mouse: 10x10
Cursor: 5x5
Grid: : Hide
DRAG AND DROP
text_0
PROPERTIES
Location
Page: 1
Section: Default
Field
ID: text_0
Name: Element's name
Label/Text: Label or Text
Default Value: Default value
Enabled: Yes
Crossed: No
Placeholder: Placeholder
Max Length: 100
Uppercase: No
Required: No
Database: Linked to ...
Pattern: Regular expres
Display
Visible: Yes
Z-Index: 10
Top: 70
Left: 110
Width: 150
Height: 26

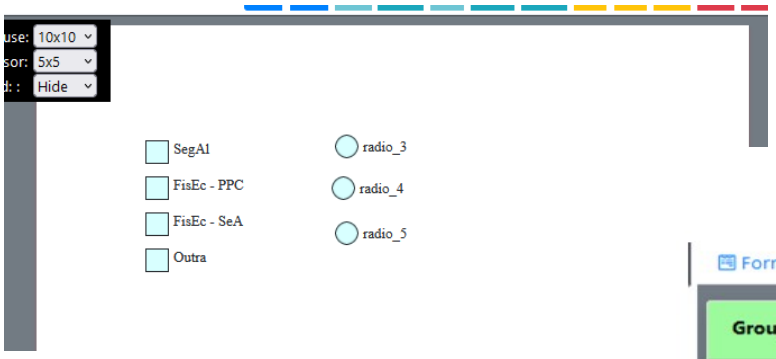
EDITOR (sections)

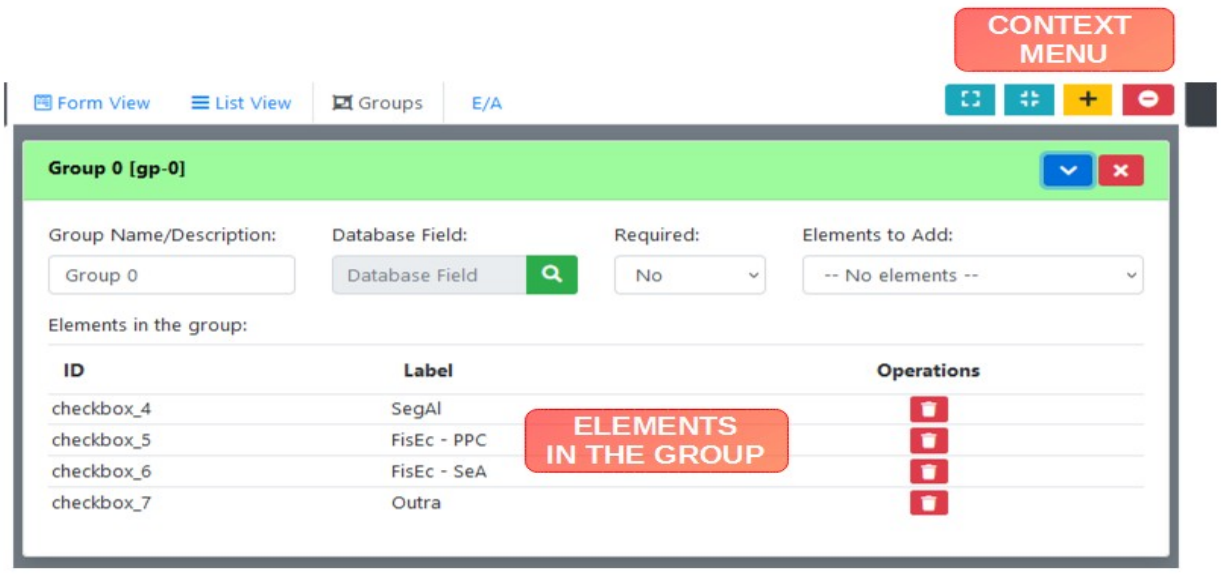
To create section, their order and the order of the editables.



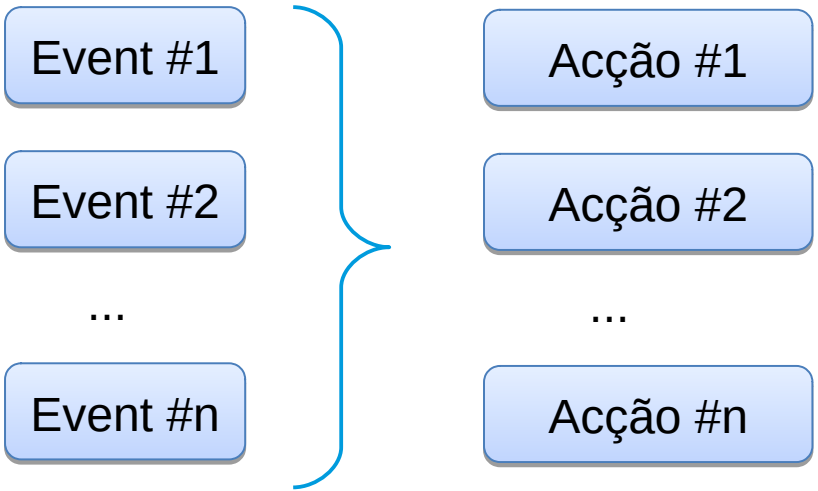
EDITOR (groups)

***Checkboxes* and *Radios* should be included in groups.**



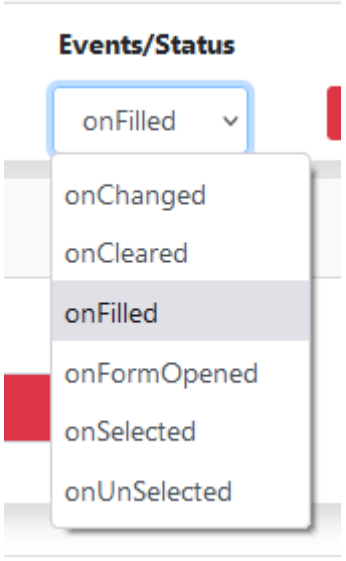


EDITOR (events-actions)



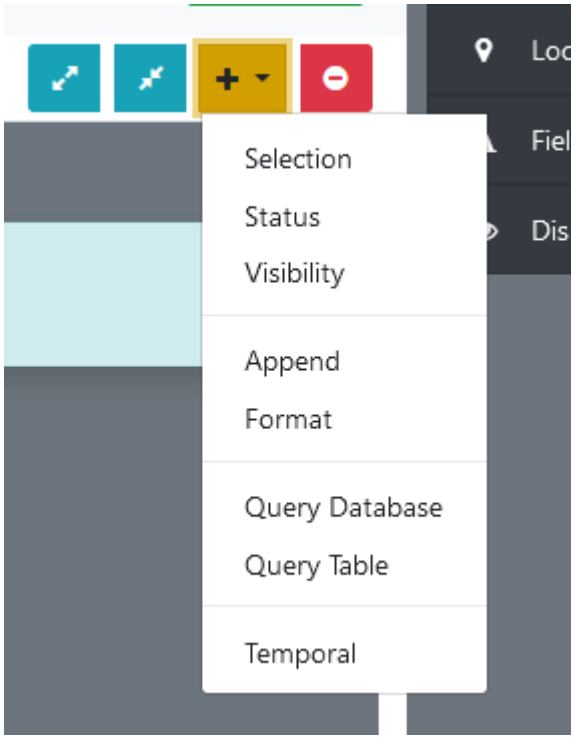
EDITOR (events-actions)

- Events:



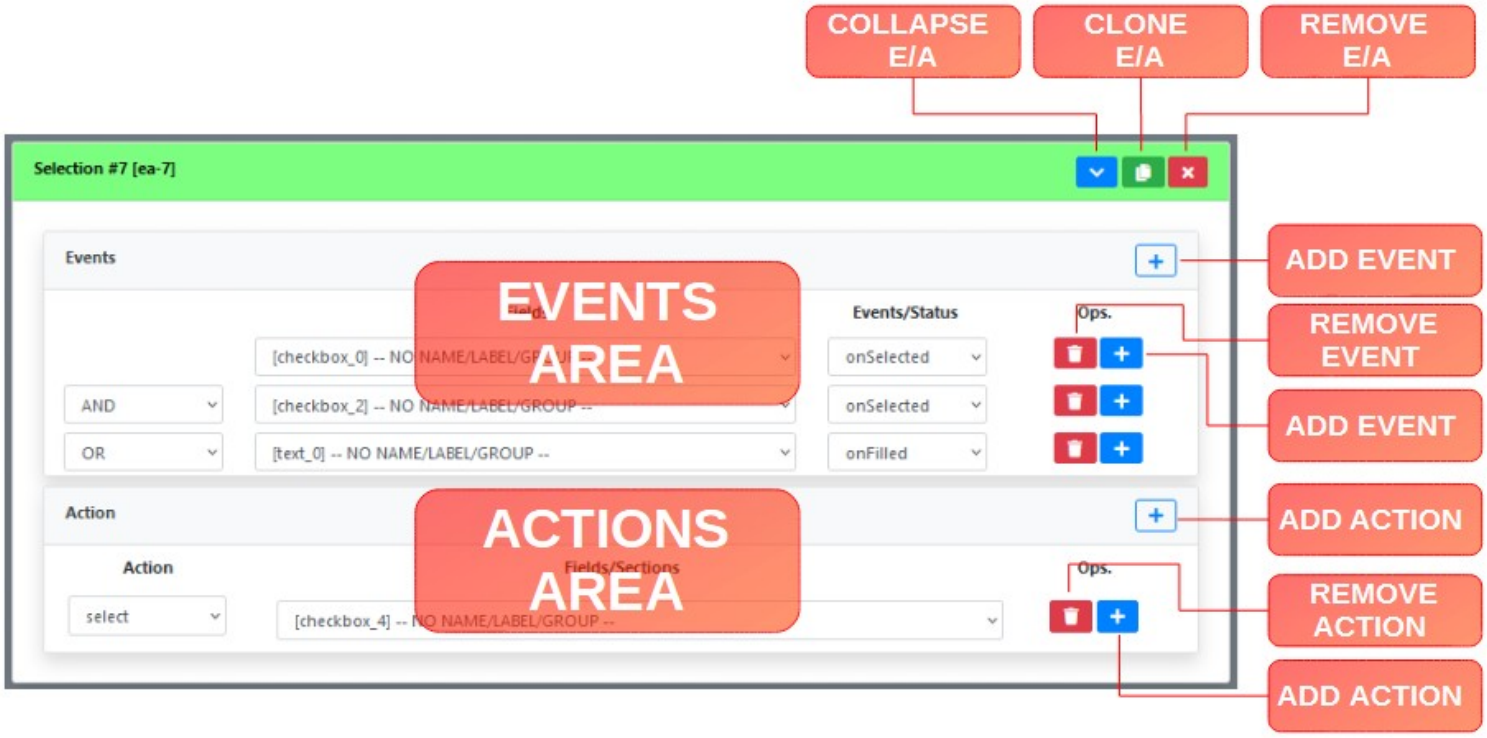
EDITOR (events-actions)

- Actions:

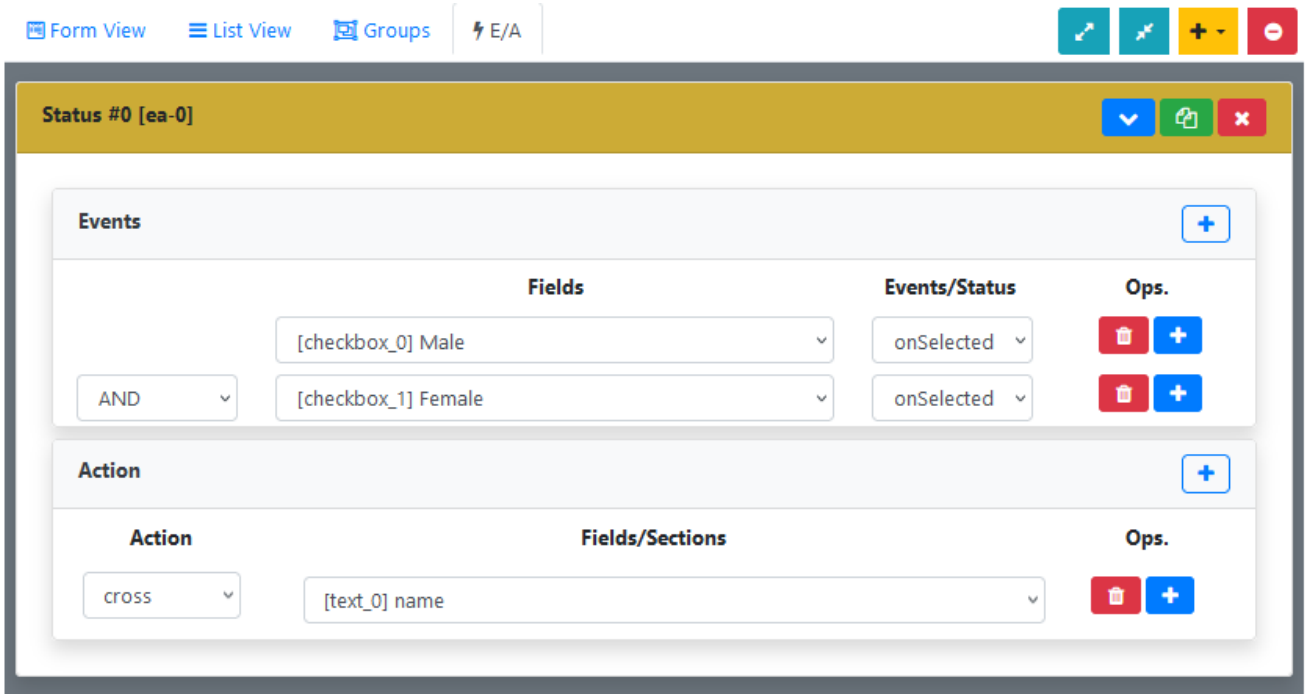


- **Selection**:
  - select / unselect = check / uncheck
- **Status**
  - cross / uncross
  - enable / disable
- **Visibility**
  - show / hide
- **Append**
- **Query Database**
- **Query Table**
- **Format**
  - uppercase / lowercase
  - first letter
- **Temporal**
  - Now
- **Required**

EDITOR (actions)

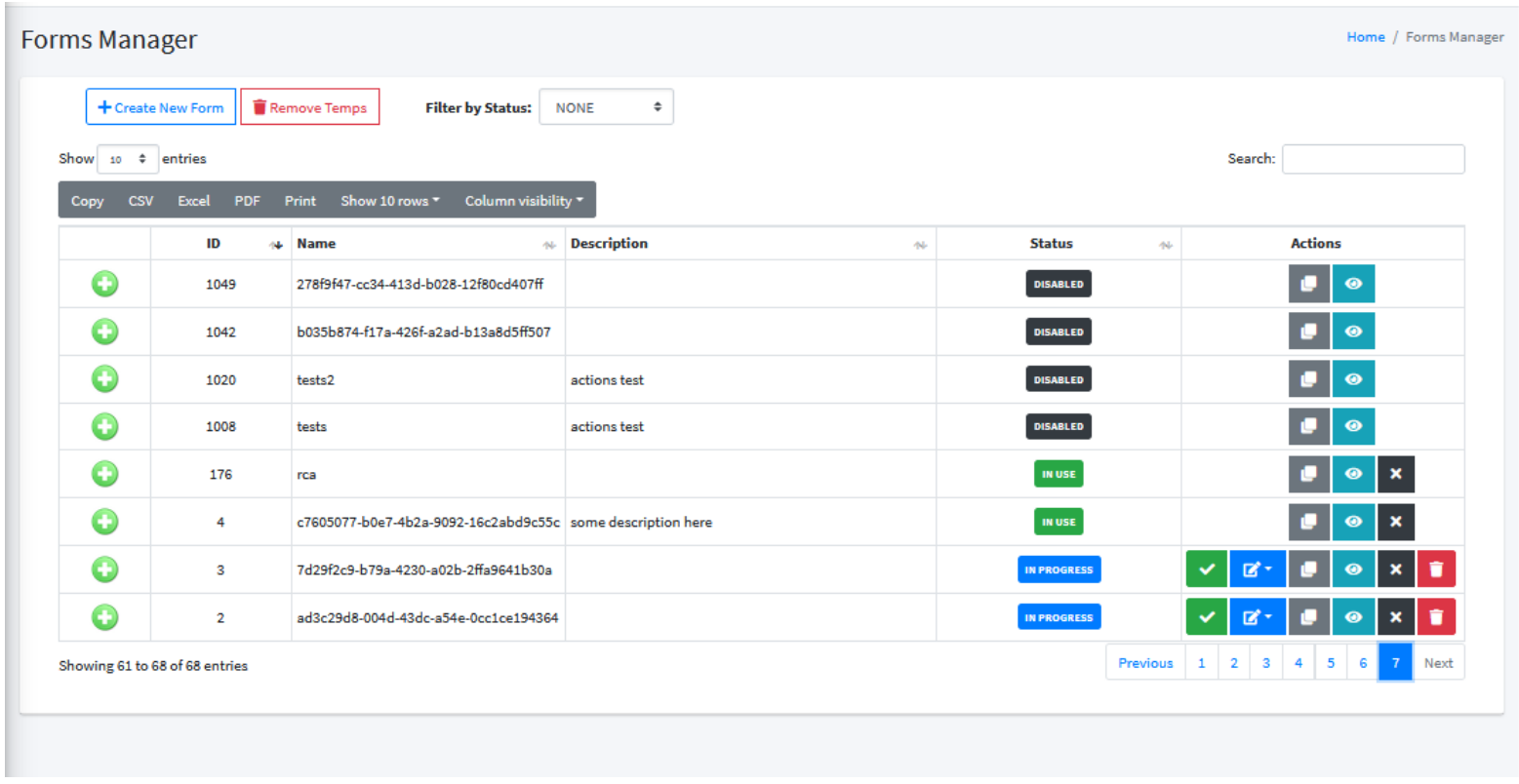


EDITOR (actions)



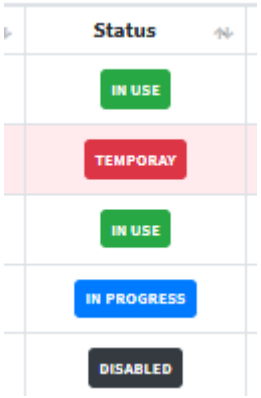
FORMS MANAGER

FORMS MANAGER



FORMS MANAGER

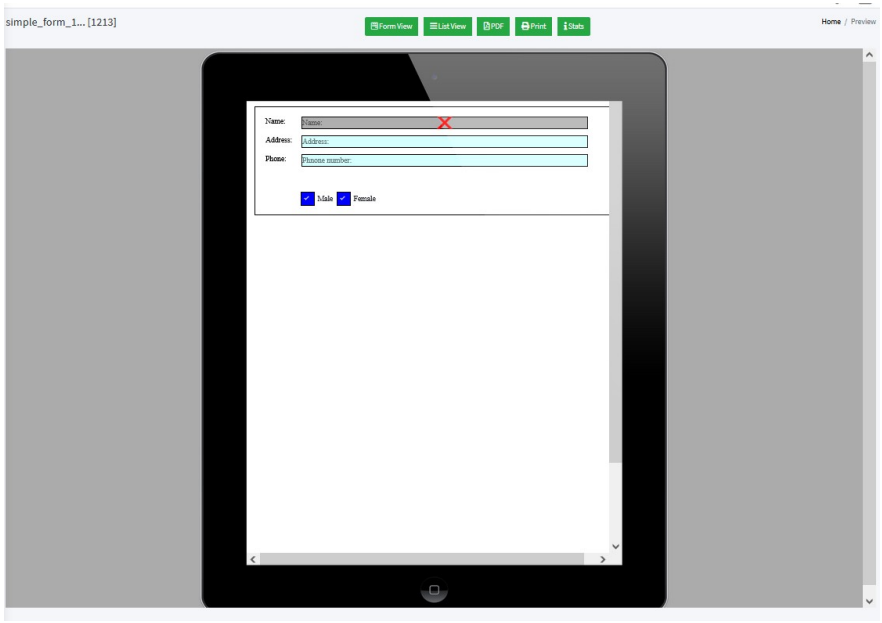
- Form status:
  - IN PROGRESS
  - IN USE
  - DISABLED
  - TEMPORARY



PREVIEW

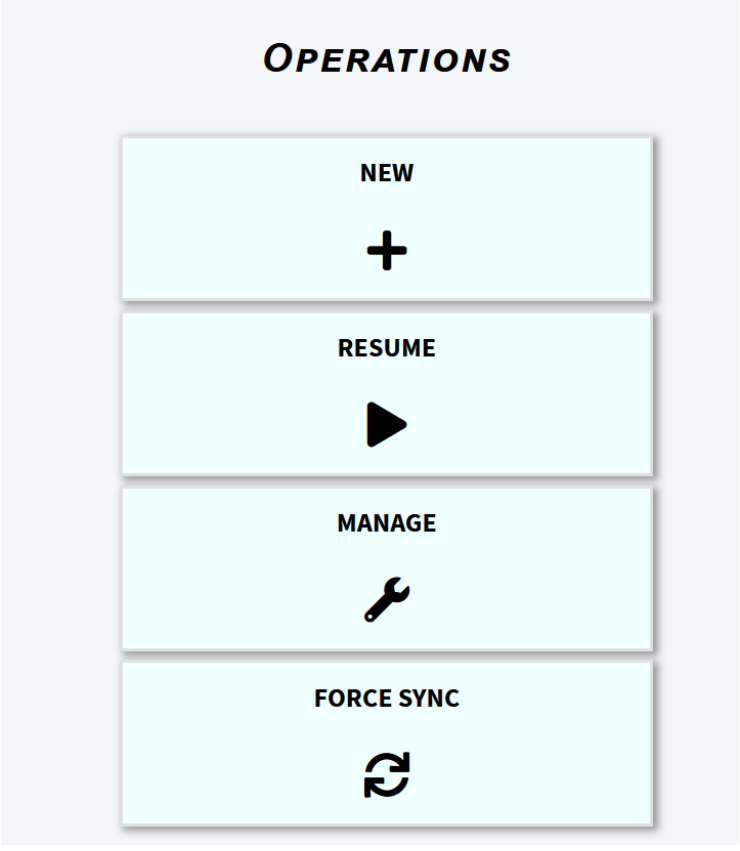
PREVIEW

- Allows quick visualization and testing
- Can be called either from the designer or from the manager



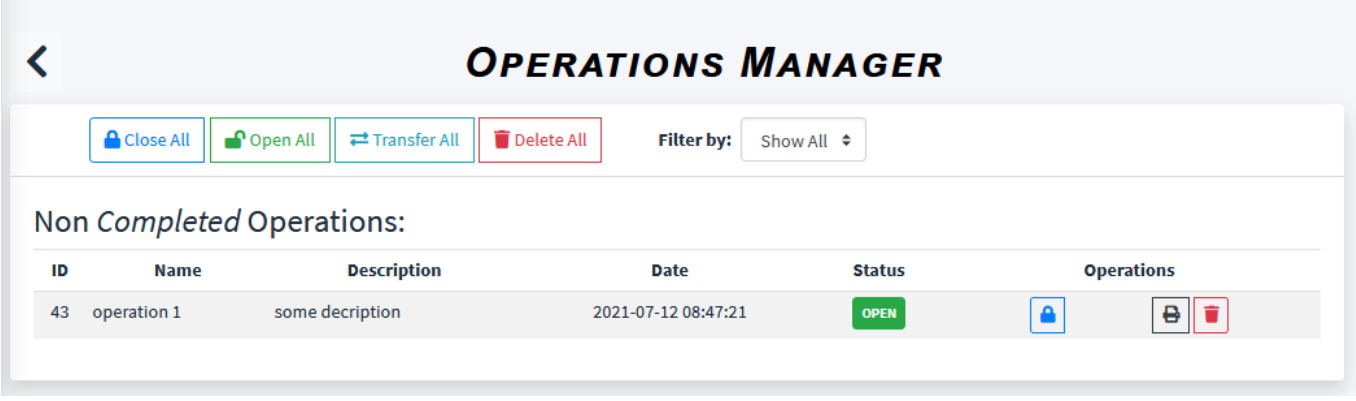
INSPECTOR’S APP

APP

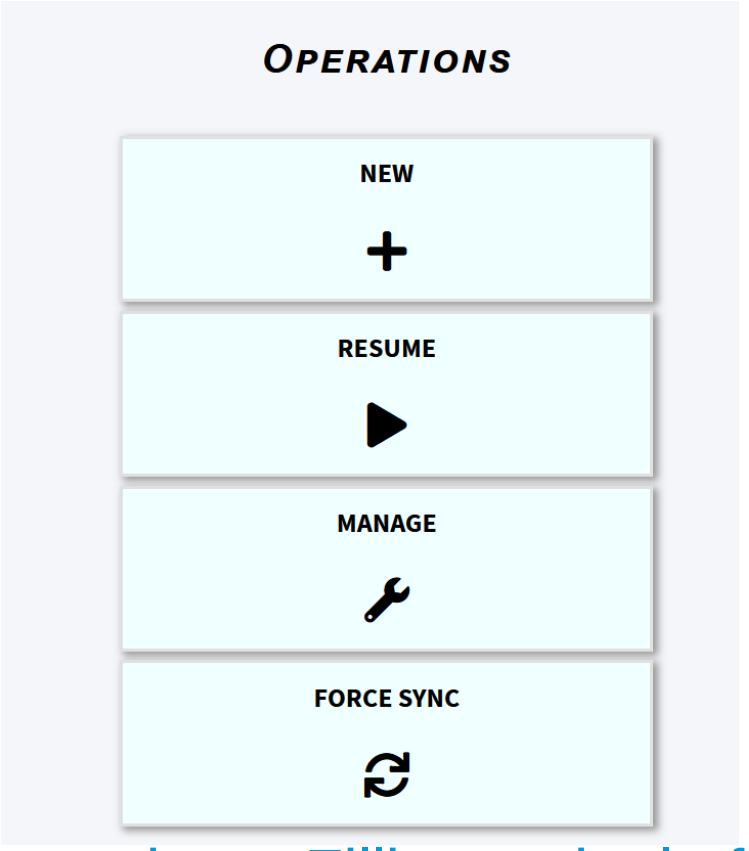


APP - manager

- States:
  - **CLOSED** => closes the operation, ready for the data to be transferred
  - **OPEN** => re-opens a closed operation, in case the inspector made a mistake
  - **COMPLETED** => operation is completed, which means, it's now impossible to OPEN the operation and change something (only administrators can do it now, through the back office).



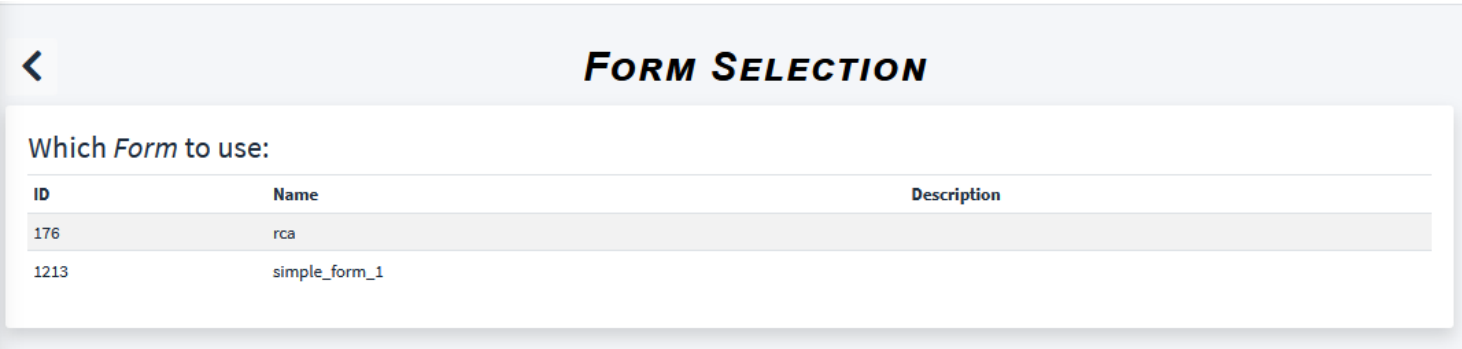
APP



Operation = Filling a single form

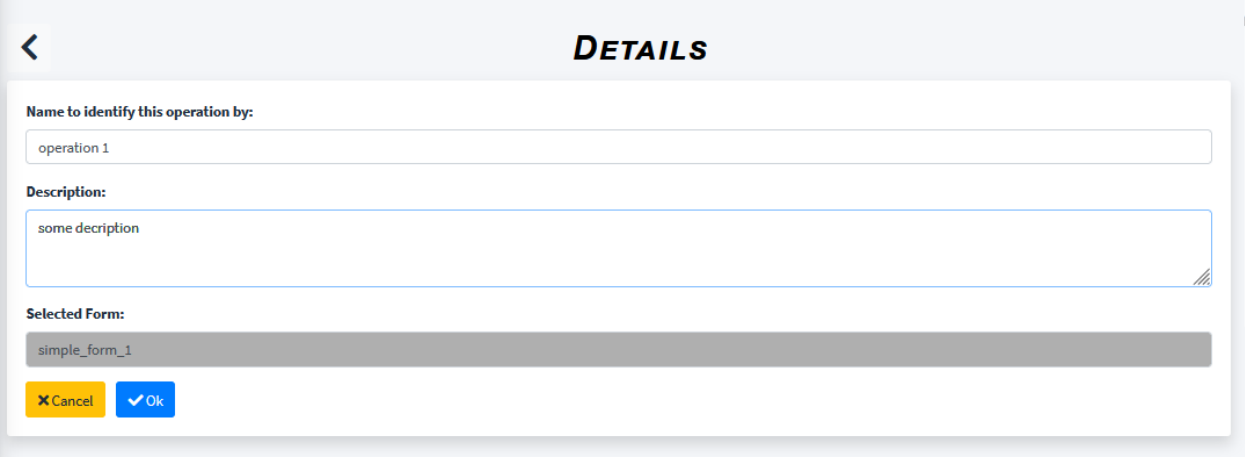
APP - new

- Select a form to fill (only forms in IN USE state):



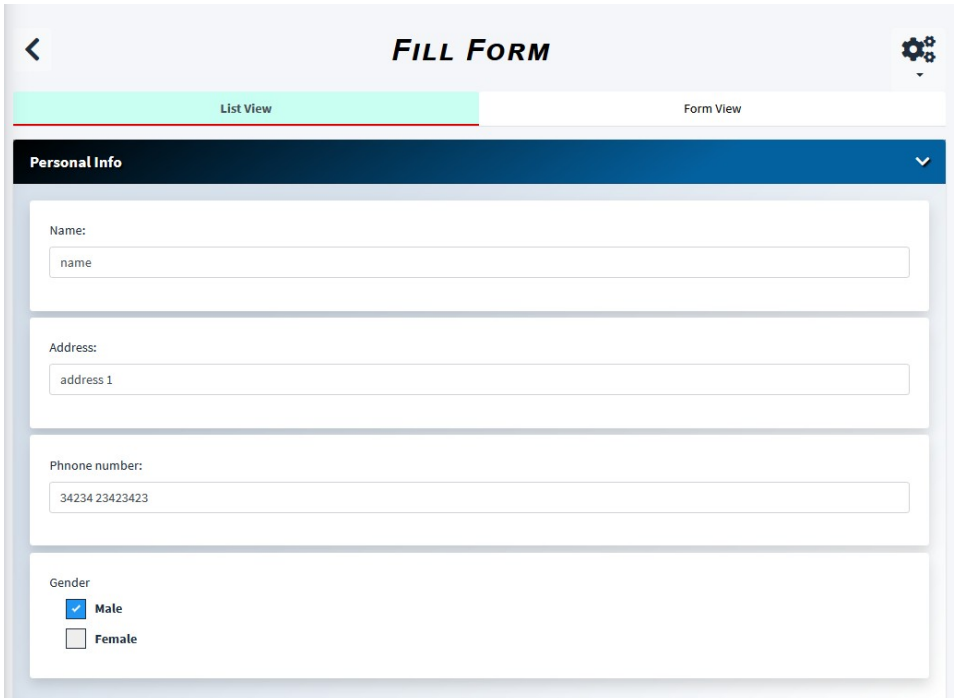
APP - new

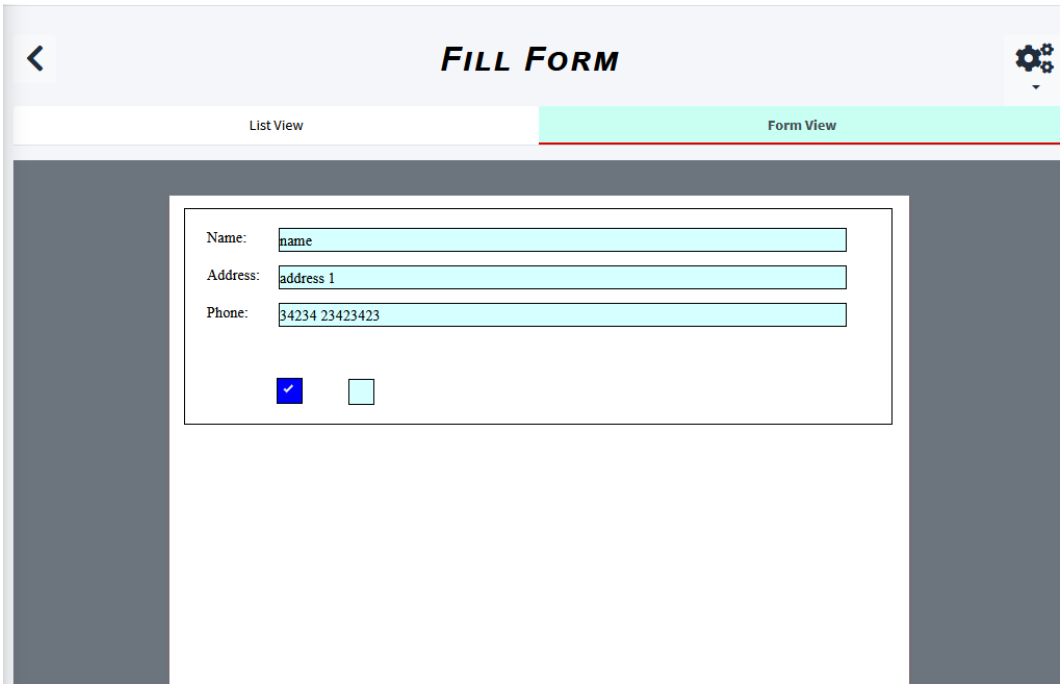
- Fill in the details of the operation:



APP - new

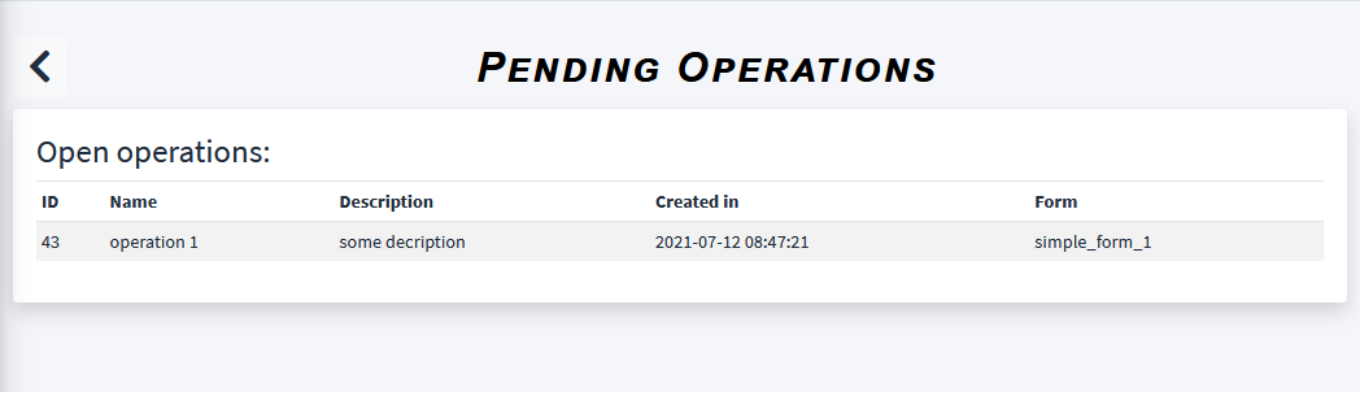
- Fill the form, using whatever view you like:



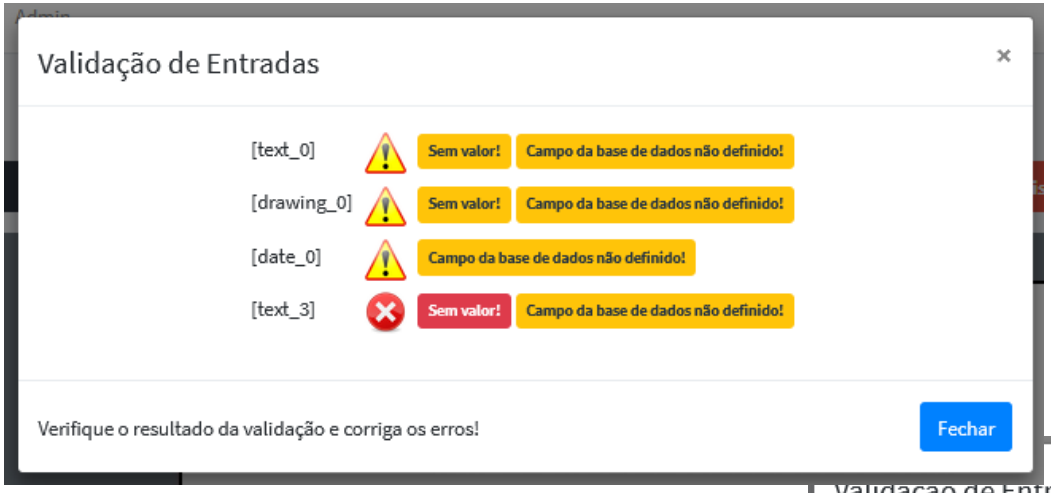


APP - resume

- Any **OPEN** operation, can be resumed, at any time:

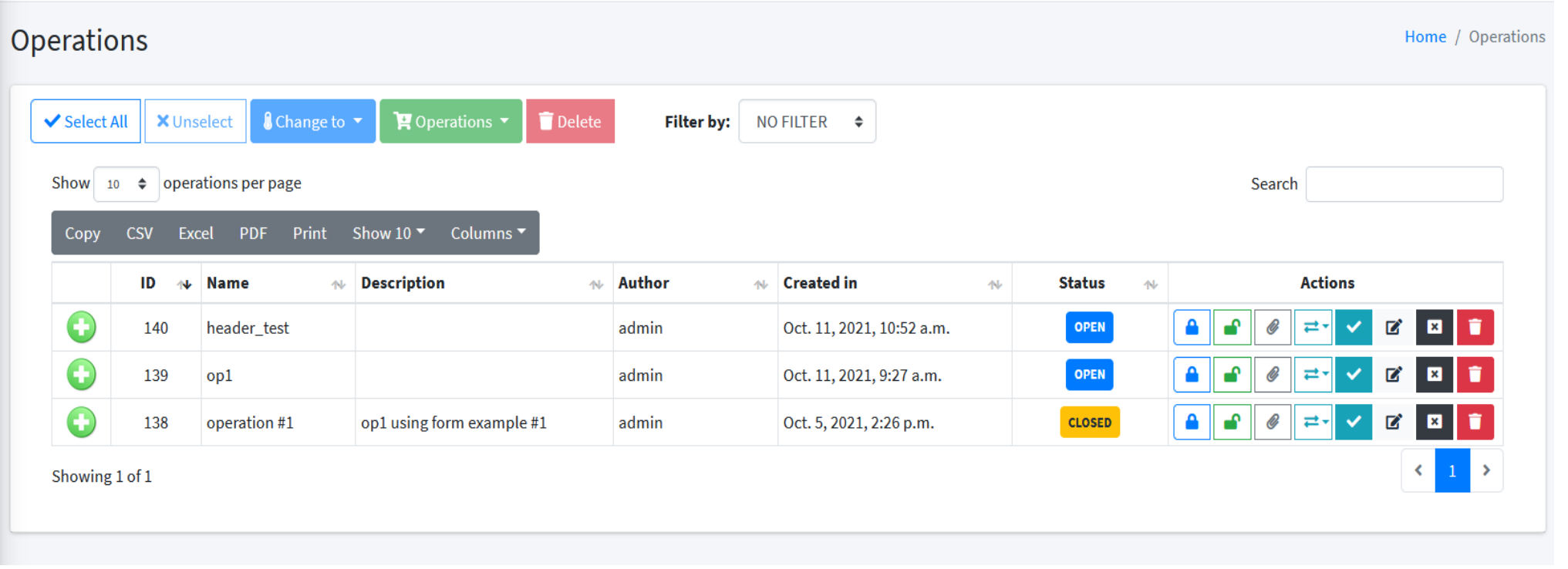


APP - validations



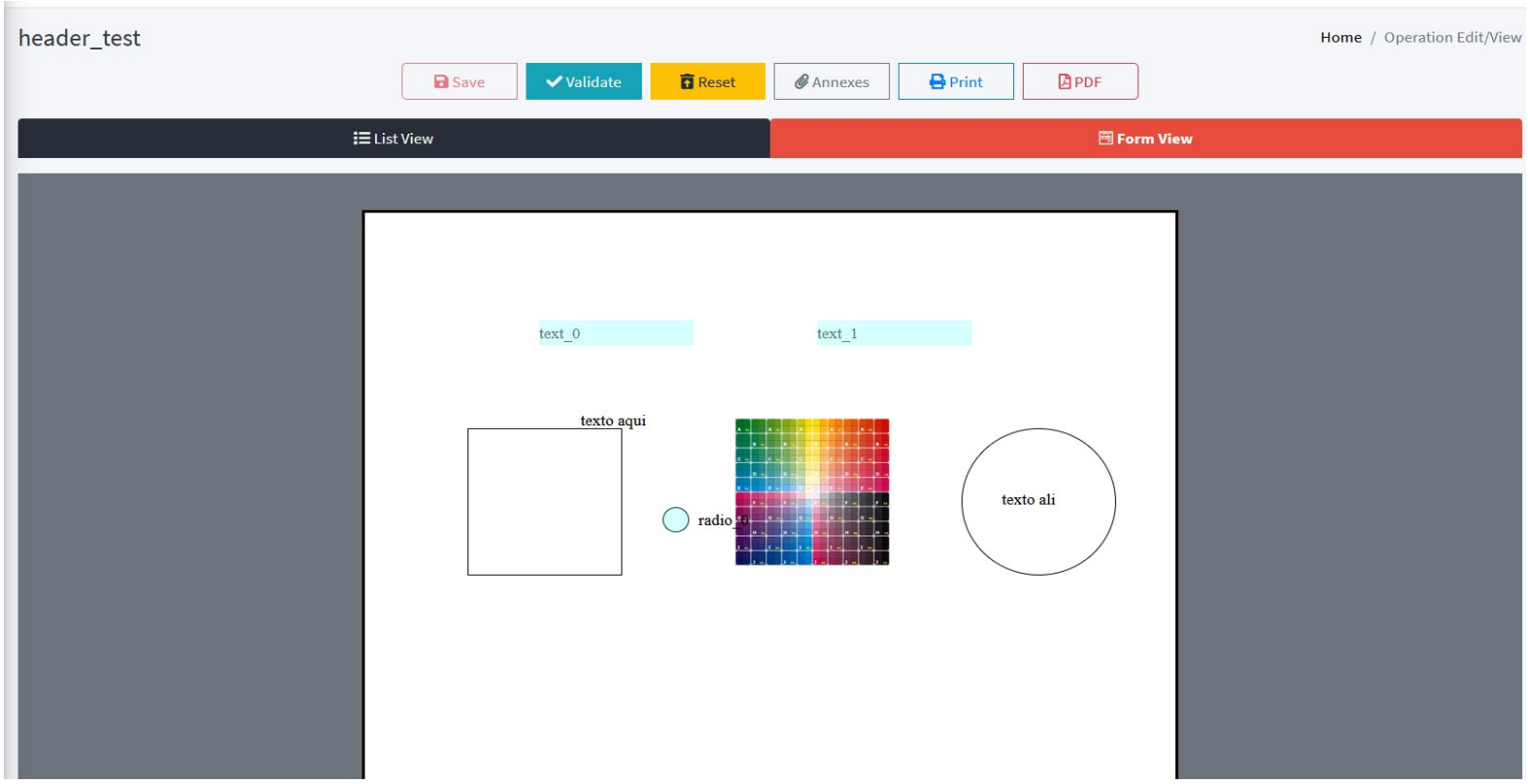
OPERATIONS MANAGER

OPERATIONS MANAGER

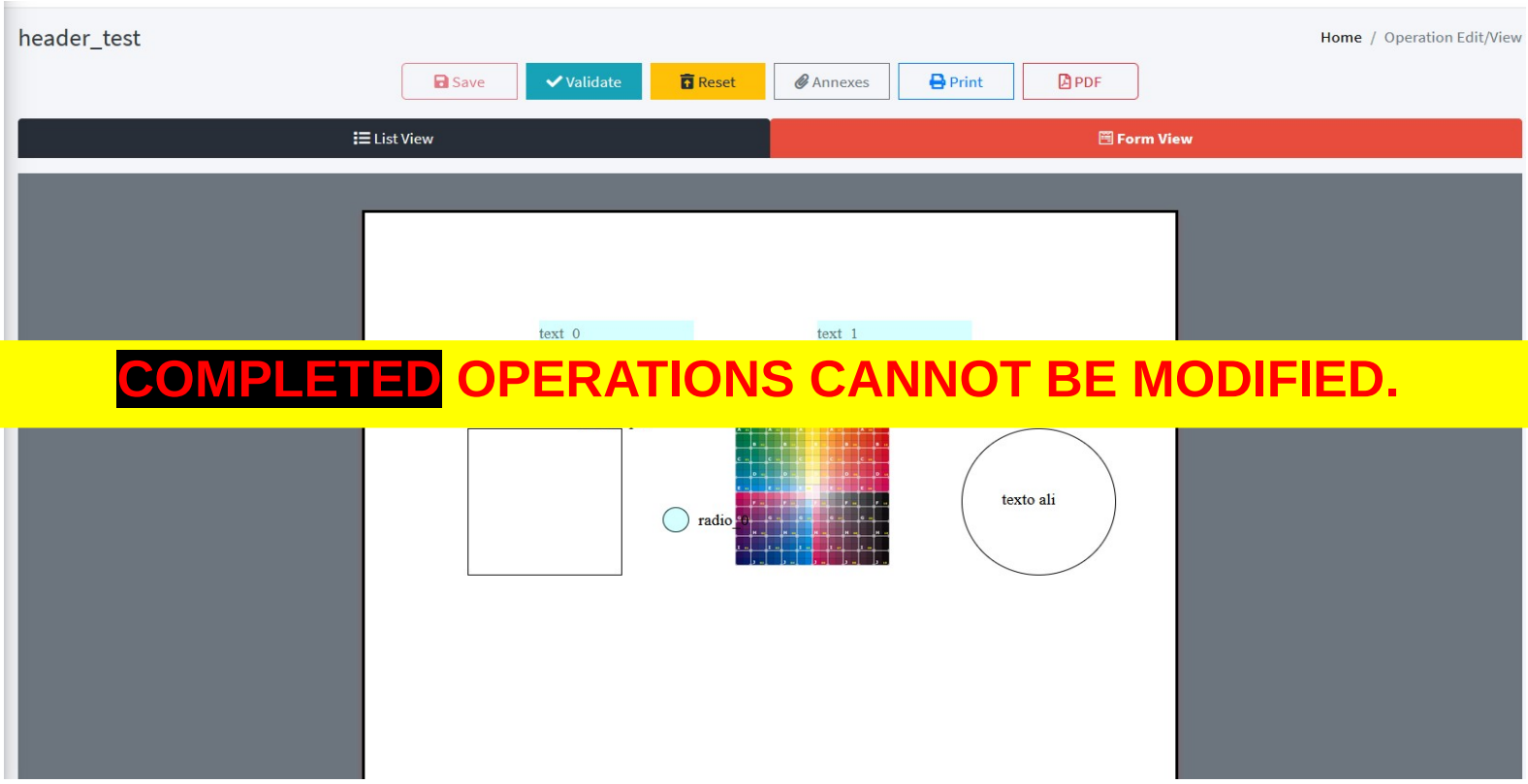


OPERATIONS EDITOR

OPERATIONS EDITOR



OPERATIONS EDITOR



REST API

Rest API

- Token generation
- List all Operations
- List all non completed Operations
- Get Operation details
- Get Operation Data
- Get the Form and the Operation Data
- Get the validation result
- Get Operation Data + Validations
- Delete an operation
- Set the status of an operation