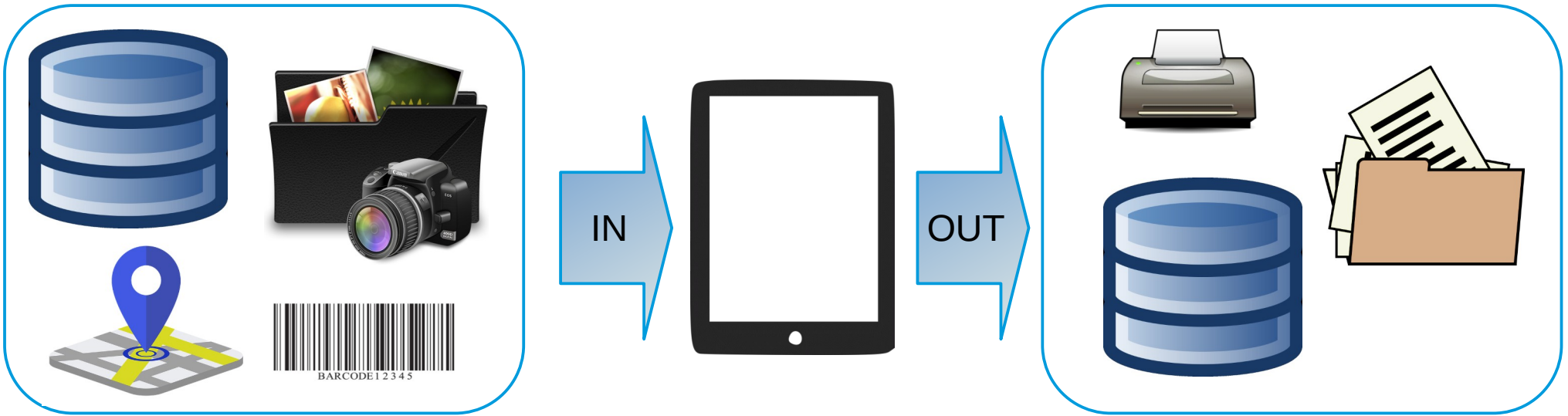
Forms

Rev. 4.0

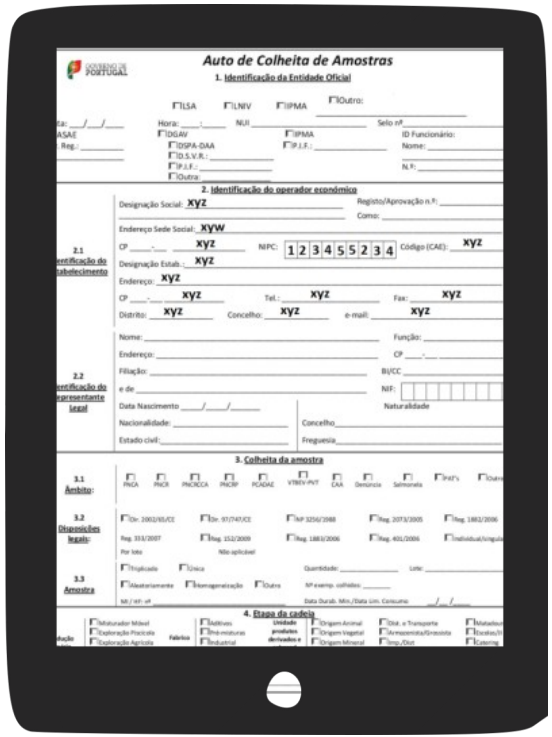
GOAL

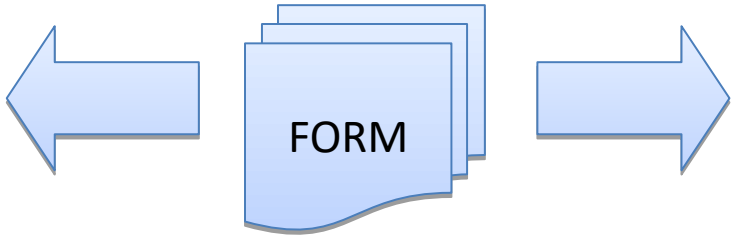
- Operate in any situation: online or offline
- Inputs: manual, automatic, photos, barcodes, gps, ...



GOAL

FORM VIEW

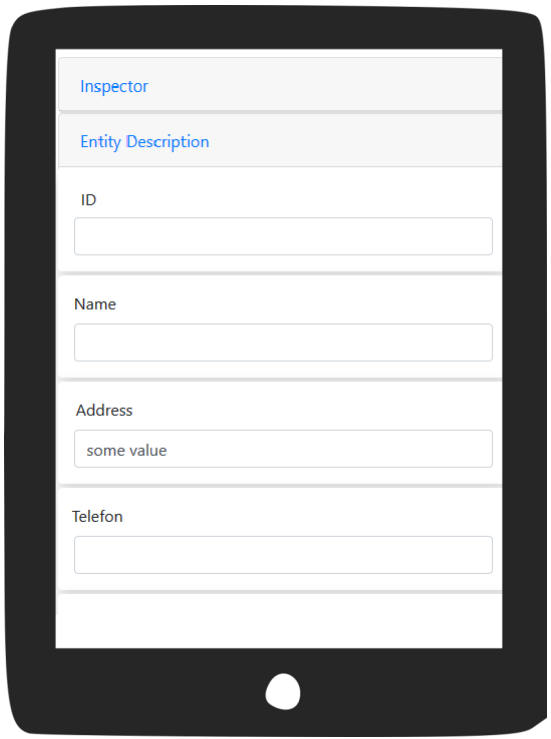




The user is able to alternate between the two at any time. So, he can choose whatever he feels more comfortable.

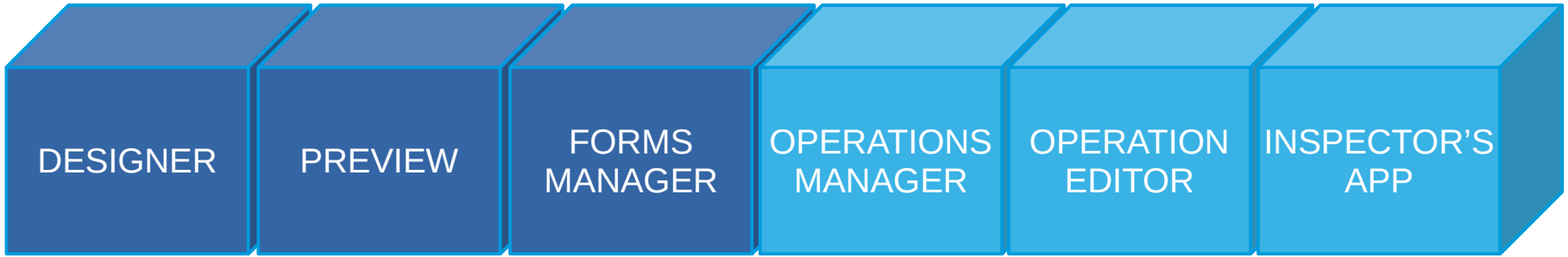
The ***Form View*** is more adequate for PC or large Tablets and the ***List View*** for Small Tablets and Smartphones.

LIST VIEW



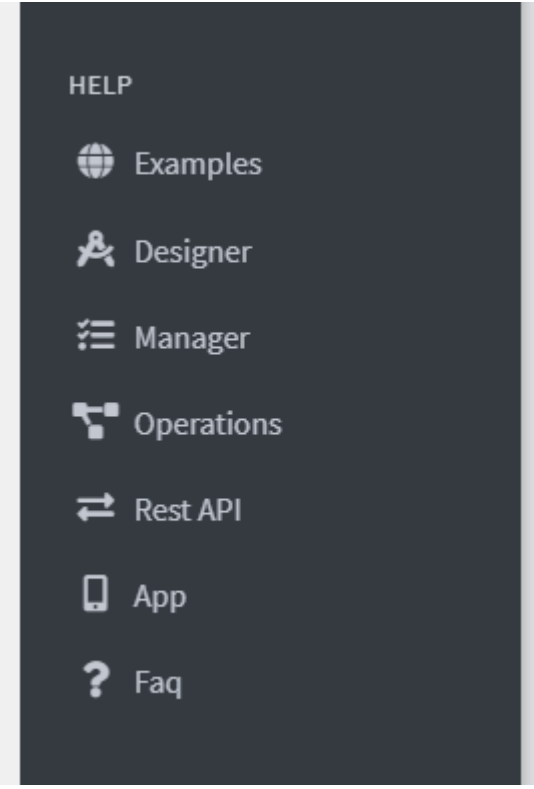
CURRENT STATE

- 6 applications:



HELP

HELP


HELP
Examples
Designer
Manager
Operations
Rest API
App
Faq

HELP

Help: Examples

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Naming the Form
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Creating the Elements
The Header
The Footer
Page #1
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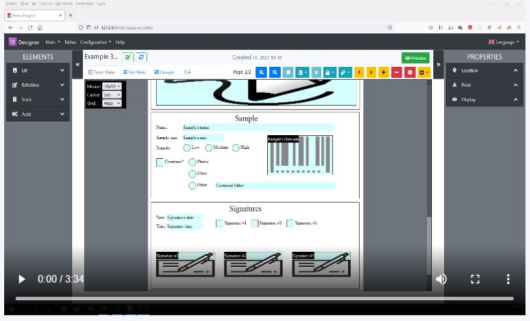
Page #3
Setting up the Groups
Setting up the Sections
Setting up Events/Actions
Forms manager
Using the Form in an Operation - using the App
Print / Pdf

Example #1 - Using an existing Form

Page #3

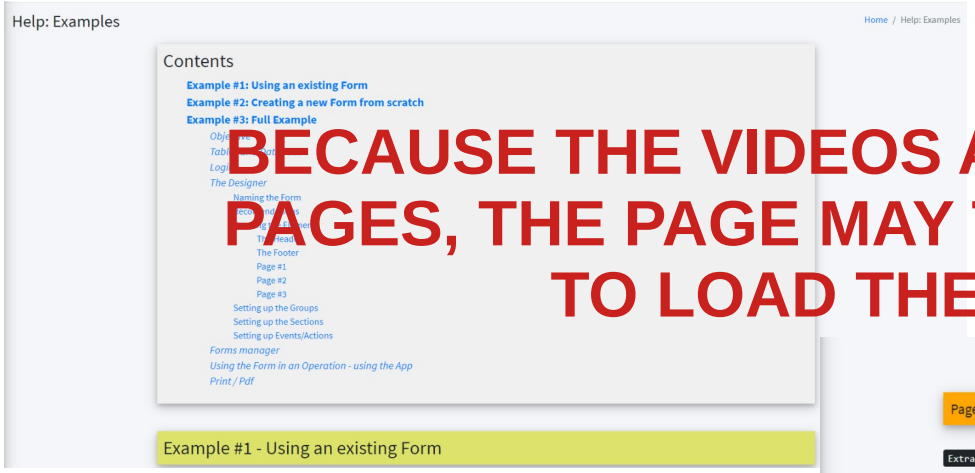
Extras



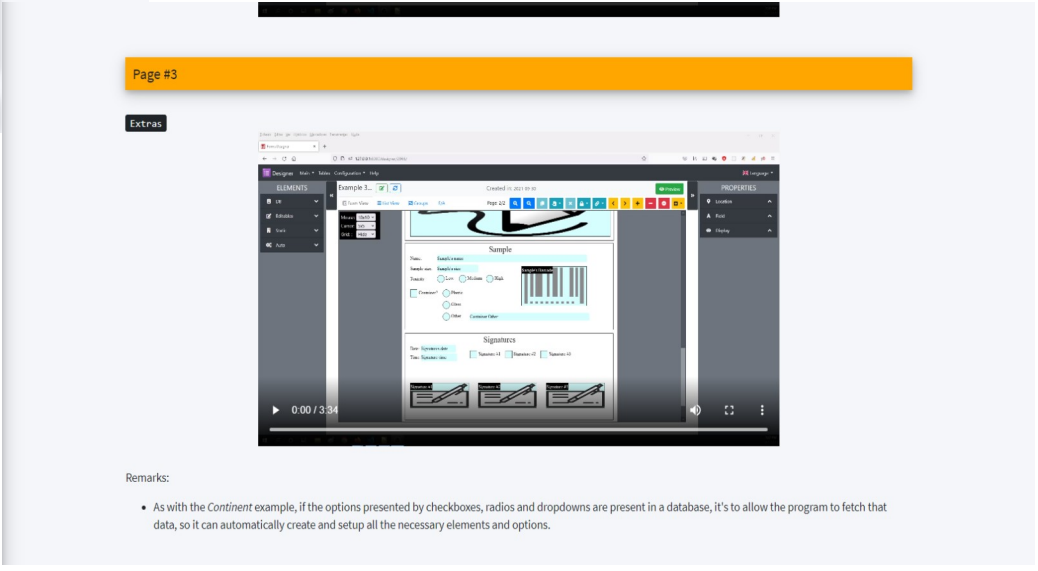
Remarks:

- As with the *Continent* example, if the options presented by checkboxes, radios and dropdowns are present in a database, it's to allow the program to fetch that data, so it can automatically create and setup all the necessary elements and options.

HELP

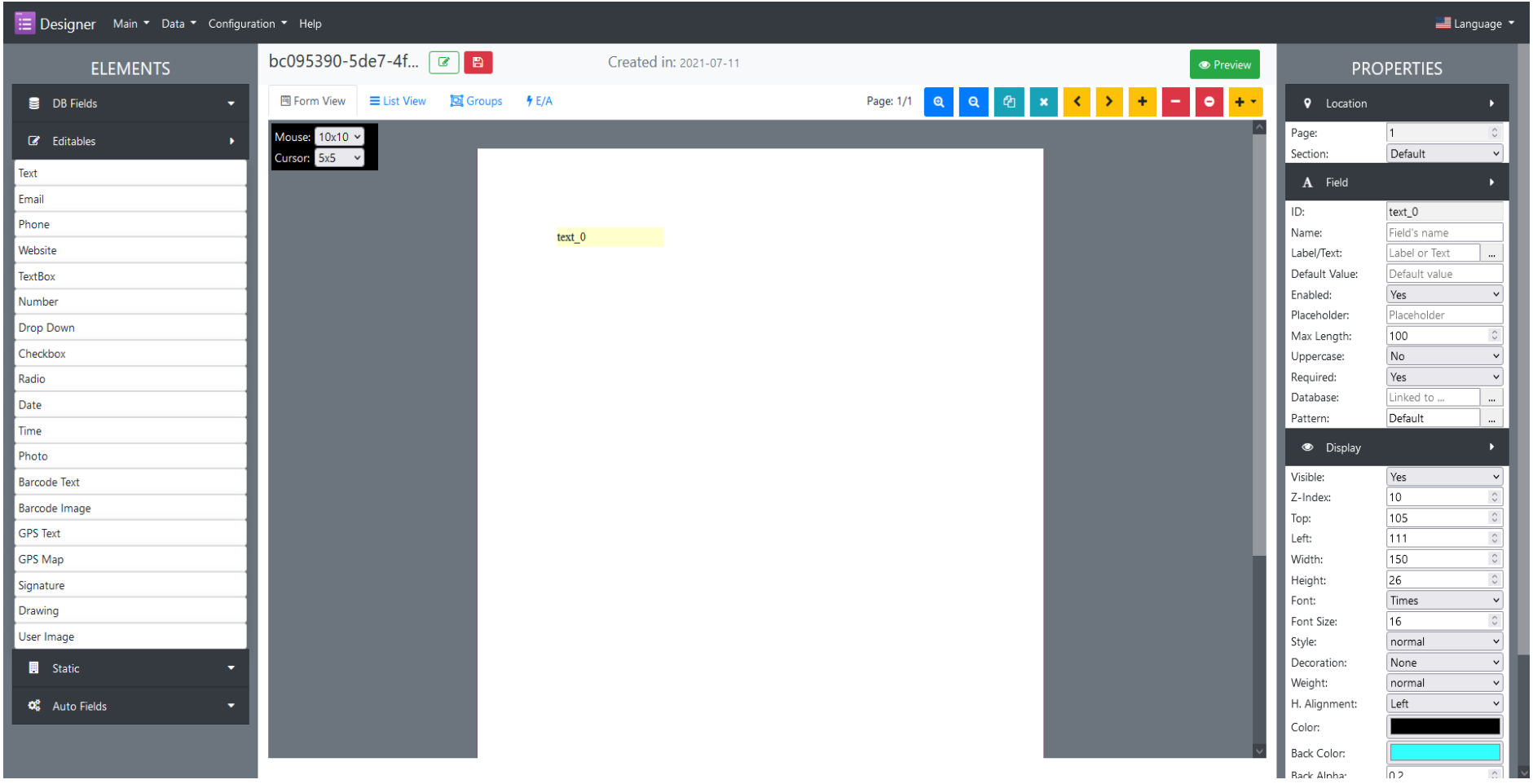


BECAUSE THE VIDEOS ARE EMBEDDED IN THE PAGES, THE PAGE MAY TAKE A FEW MOMENTS TO LOAD THE FIRST TIME!

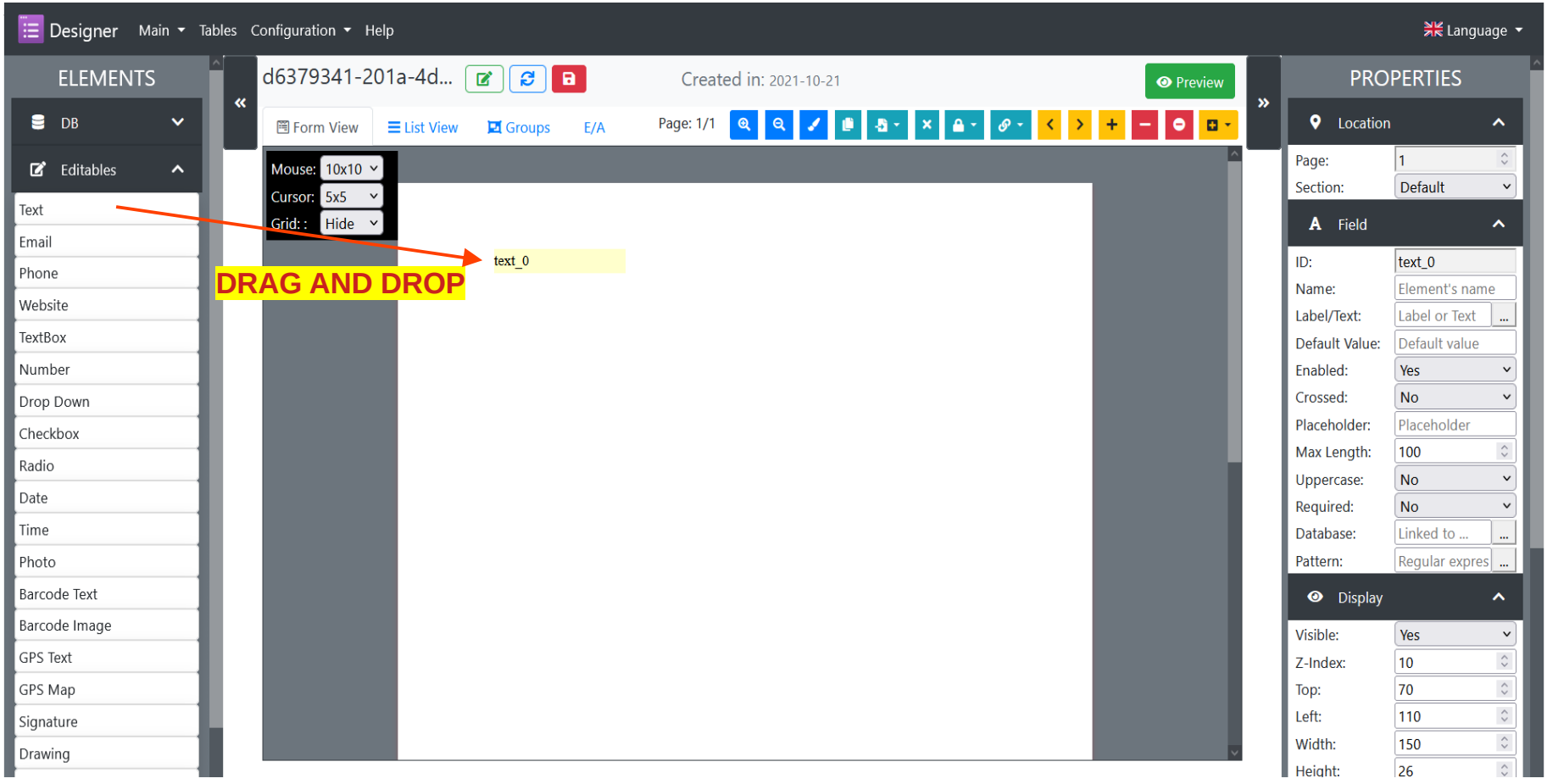


EDITOR

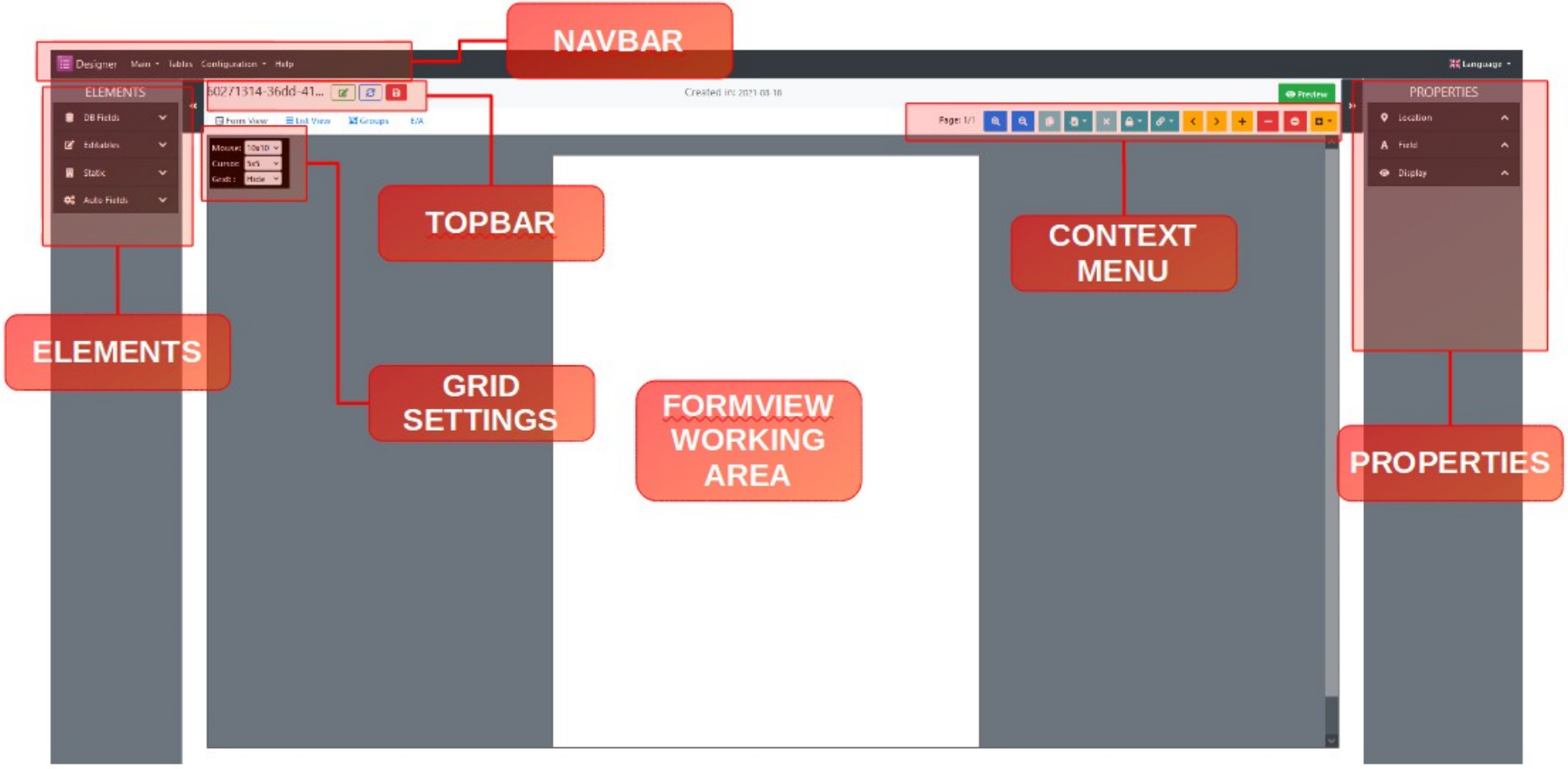
EDITOR (main)


Designer
Main
Data
Configuration
Help
Language
ELEMENTS
DB Fields
Editables
Text
Email
Phone
Website
TextBox
Number
Drop Down
Checkbox
Radio
Date
Time
Photo
Barcode Text
Barcode Image
GPS Text
GPS Map
Signature
Drawing
User Image
Static
Auto Fields
bc095390-5de7-4f...
Created in: 2021-07-11
Preview
Form View
List View
Groups
E/A
Page: 1/1
Mouse: 10x10
Cursor: 5x5
text_0
PROPERTIES
Location
Page: 1
Section: Default
Field
ID: text_0
Name: Field's name
Label/Text: Label or Text
Default Value: Default value
Enabled: Yes
Placeholder: Placeholder
Max Length: 100
Uppercase: No
Required: Yes
Database: Linked to ...
Pattern: Default
Display
Visible: Yes
Z-Index: 10
Top: 105
Left: 111
Width: 150
Height: 26
Font: Times
Font Size: 16
Style: normal
Decoration: None
Weight: normal
H. Alignment: Left
Color:
Back Color:
Back Alpha: 0.2

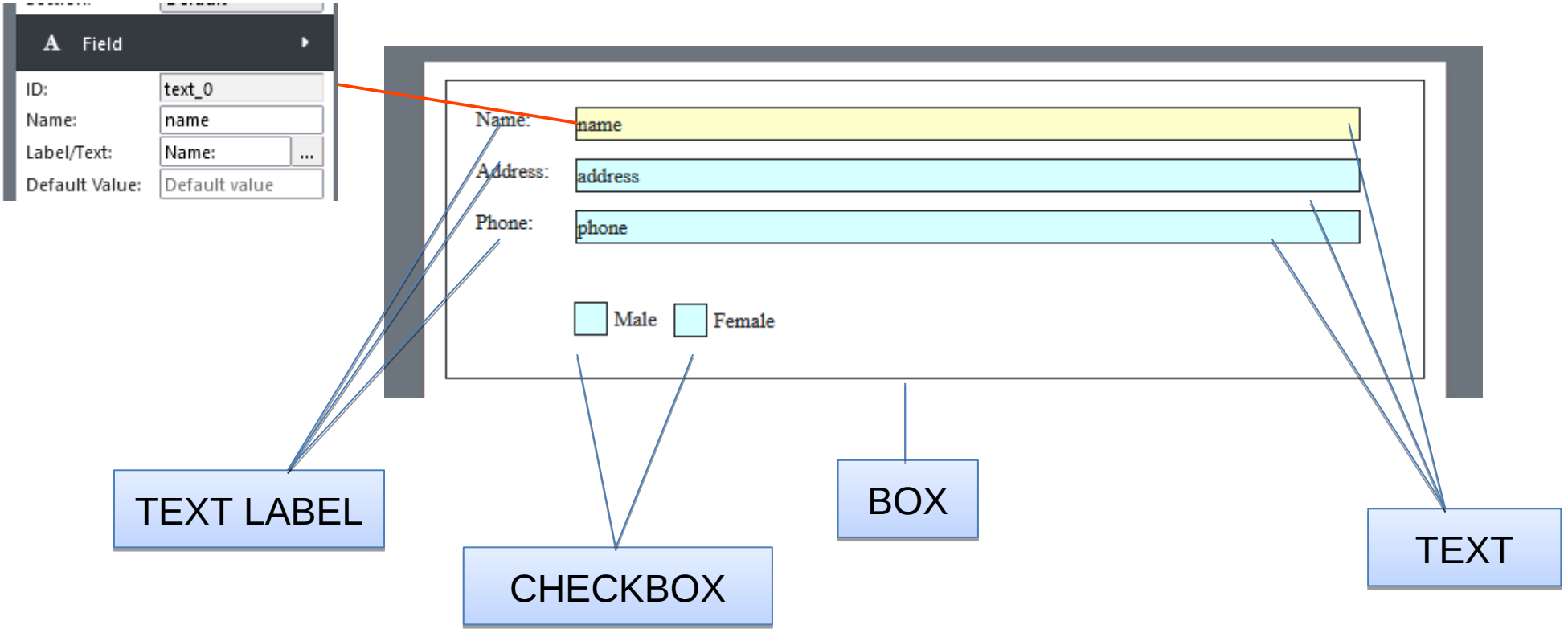
EDITOR (main)


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

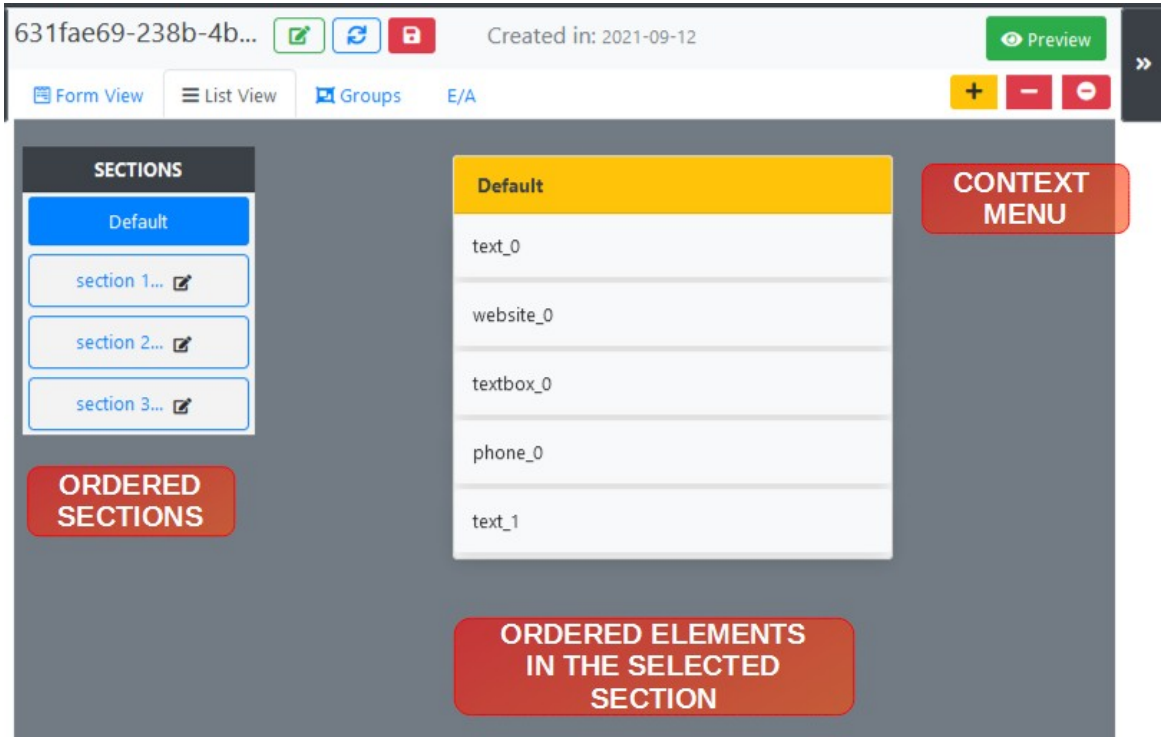
EDITOR (main)


NAVBAR
TOPBAR
CONTEXT MENU
ELEMENTS
GRID SETTINGS
FORMVIEW WORKING AREA
PROPERTIES

EDITOR (main)

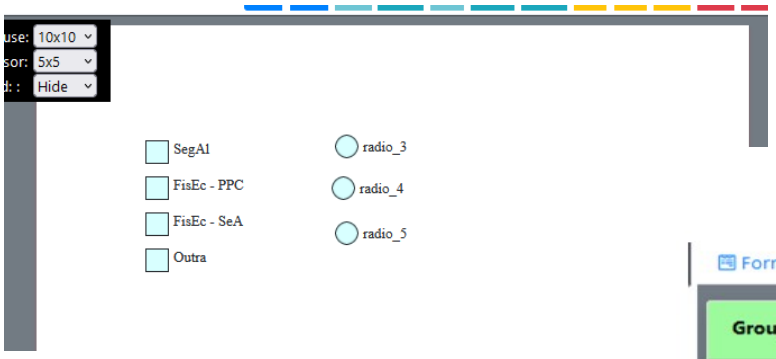

Field
ID:
text_0
Name:
name
Label/Text:
Name:
...
Default Value:
Default value
Name:
name
Address:
address
Phone:
phone
Male
Female
TEXT LABEL
CHECKBOX
BOX
TEXT

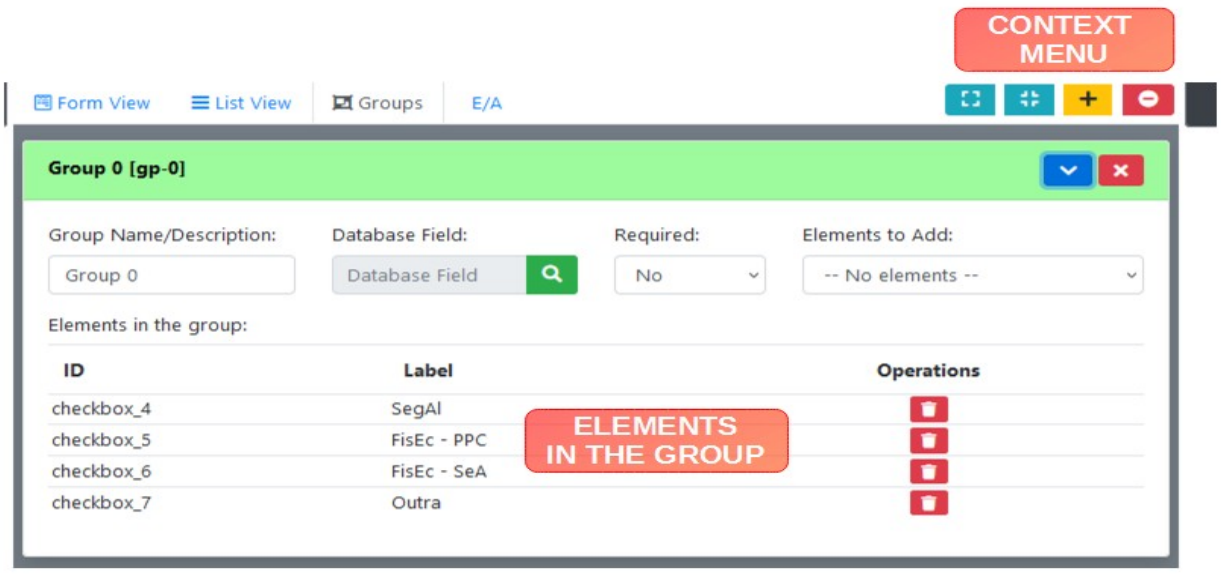
EDITOR (sections)



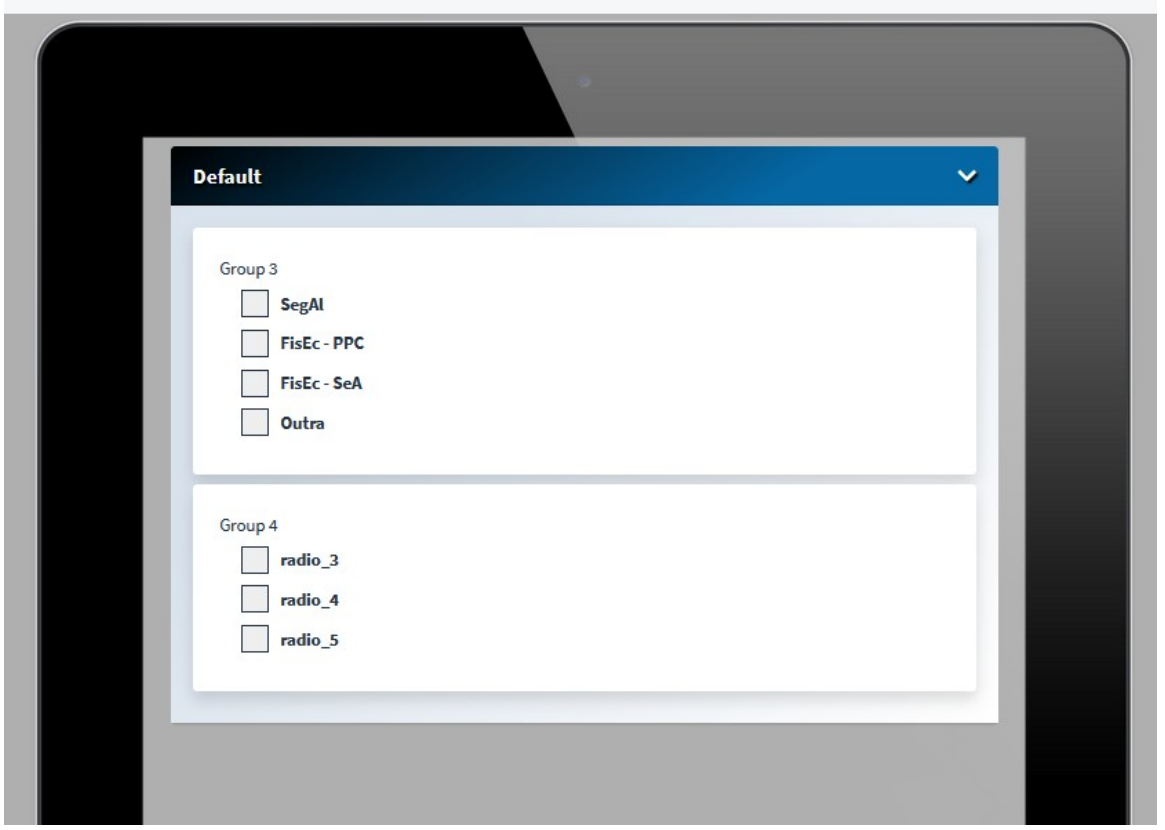
EDITOR (groups)

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



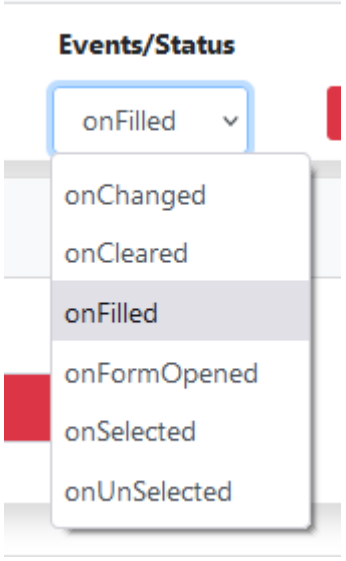


EDITOR (groups)



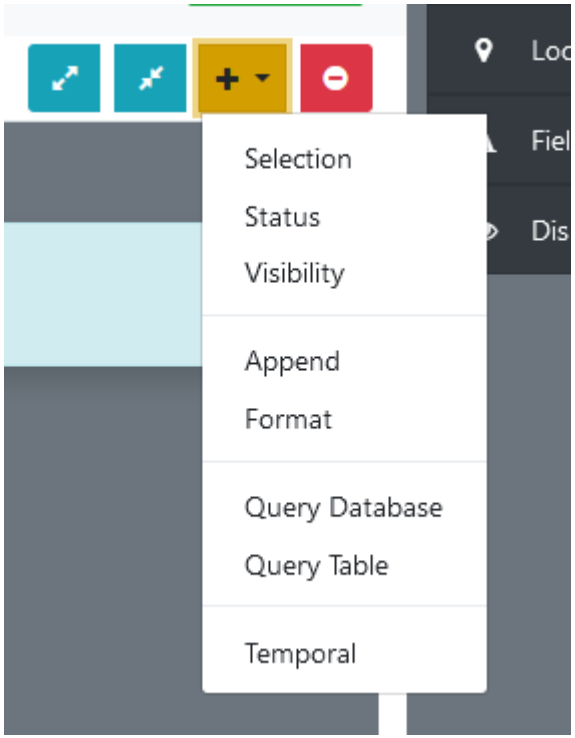
EDITOR (events-actions)

- Events:



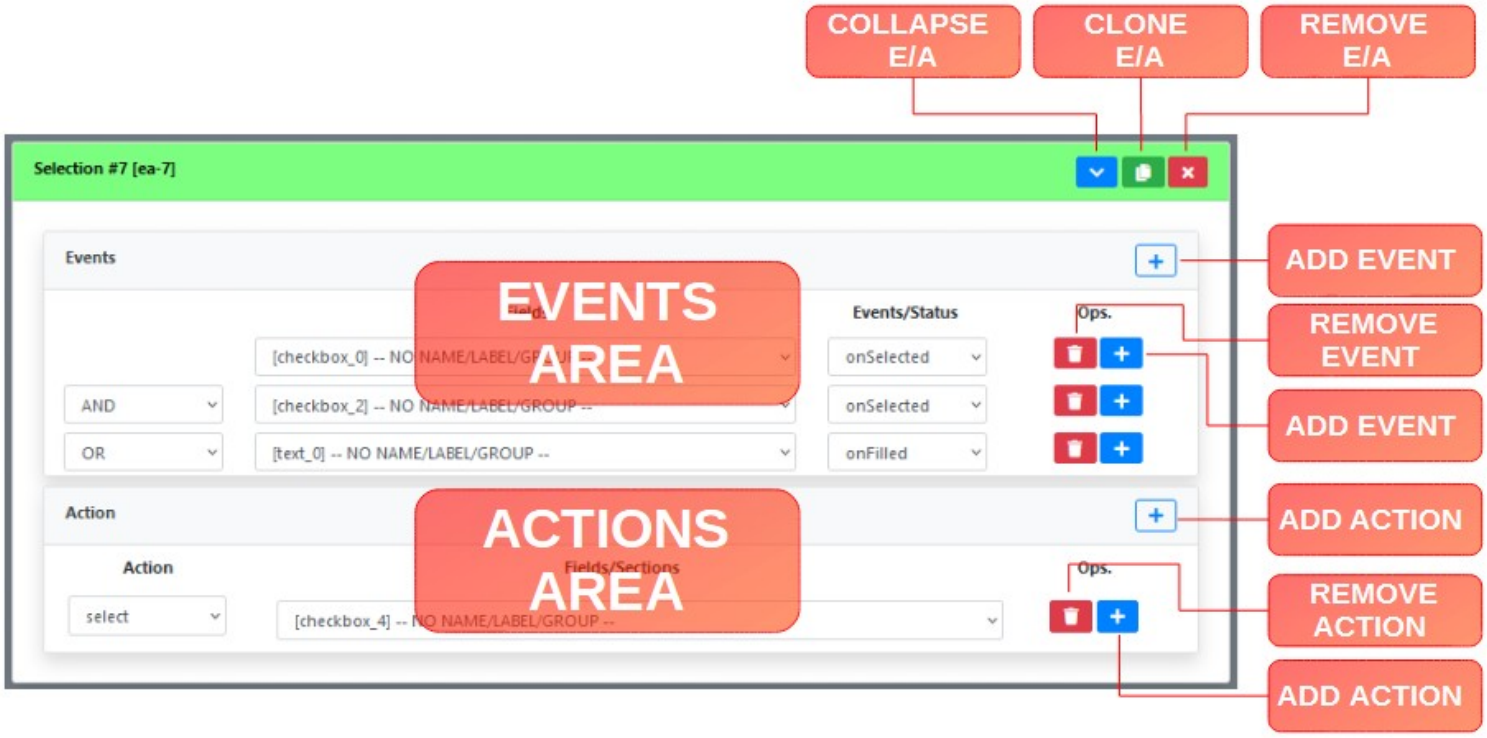
EDITOR (events-actions)

- Actions:

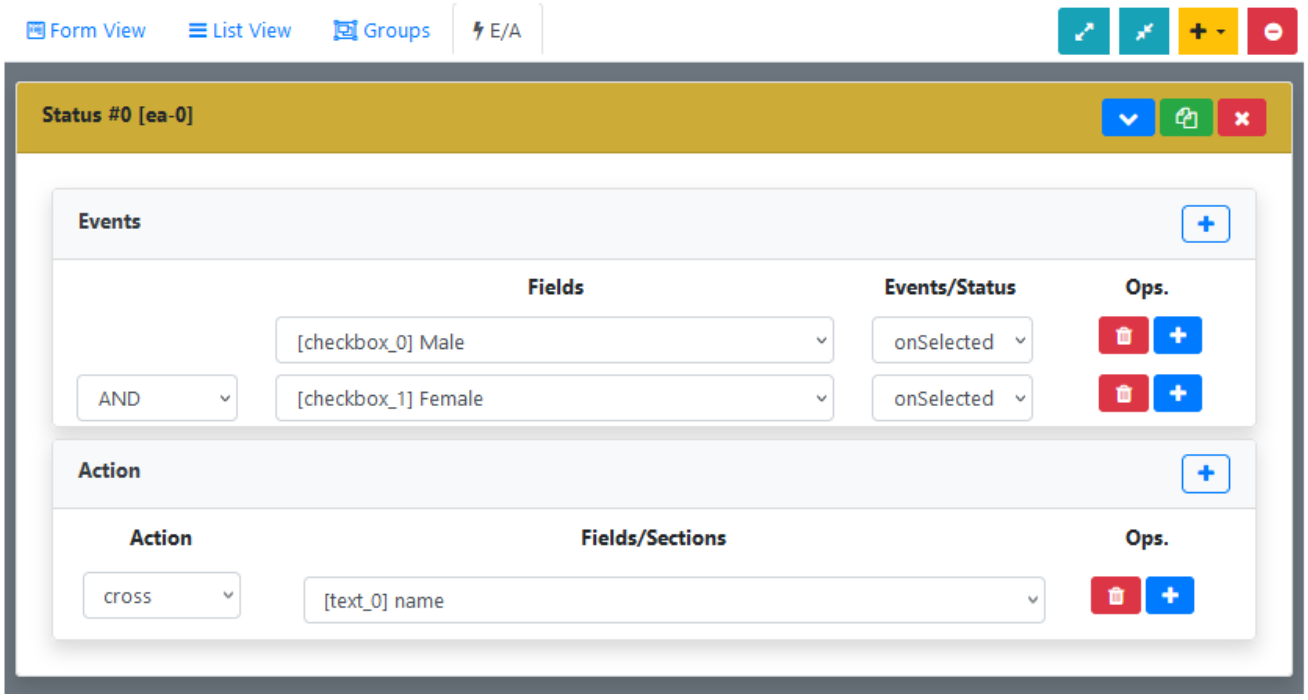


- **Selection**:
  - select / unselect = check / uncheck
- **Status**
  - cross / uncross
  - enable / disable
- **Visibility**
  - show / hide
- **Append**
- **Query Database**
- **Query Table**
- **Format**
  - uppercase / lowercase
  - first letter
- **Temporal**
  - Now
- **Required**

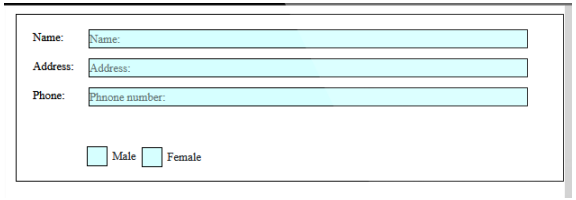
EDITOR (actions)

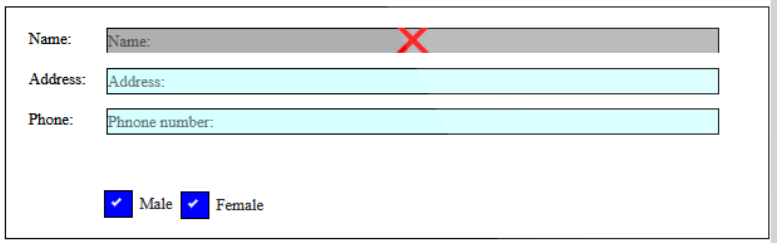


EDITOR (actions)

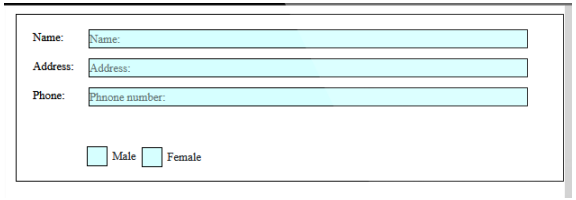


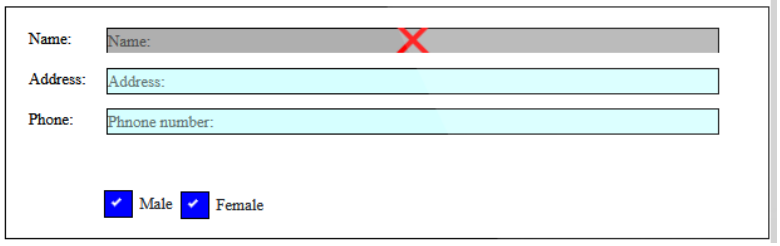
EDITOR (actions)





EDITOR (actions)

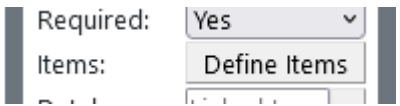


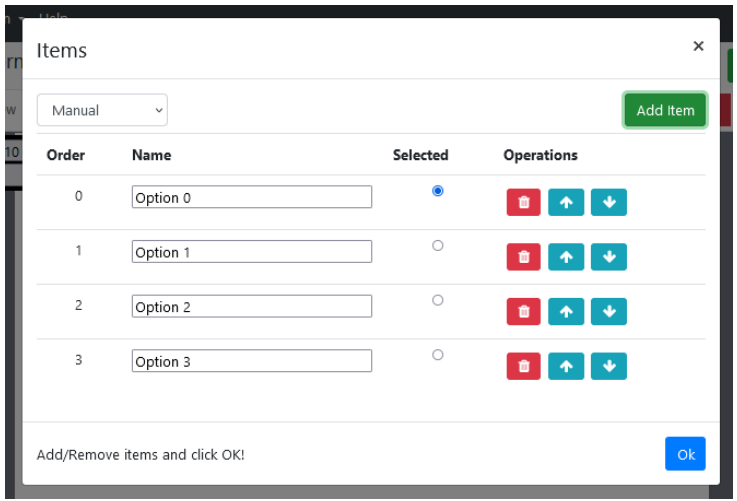


YOU CANNOT REVERSE AN ACTION BY REVERSING AN EVENT. SO, IN THIS EXAMPLE, YOU CANNOT 'UNCROSS' BY 'UNCHECKING' THE CHECKBOXES. YOU NEED TO CREATE A E/A, TO DO THAT.

Some notes

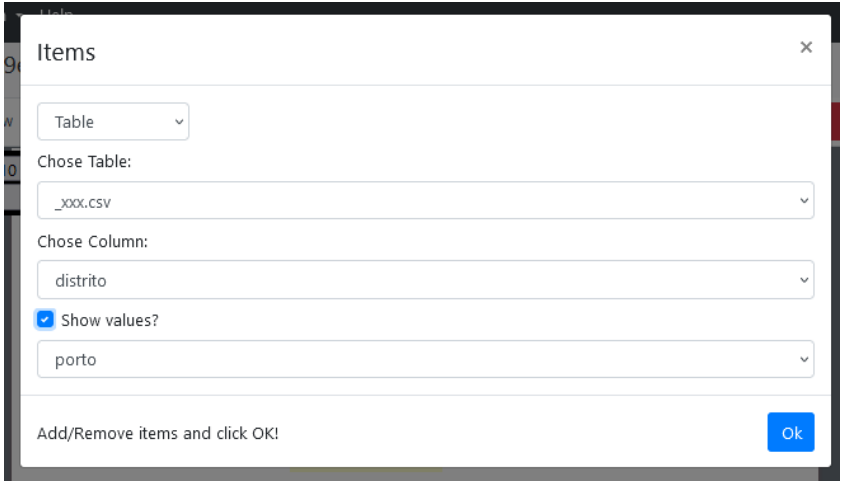
- Dropdown / list
  - Data origin:
    - Manual





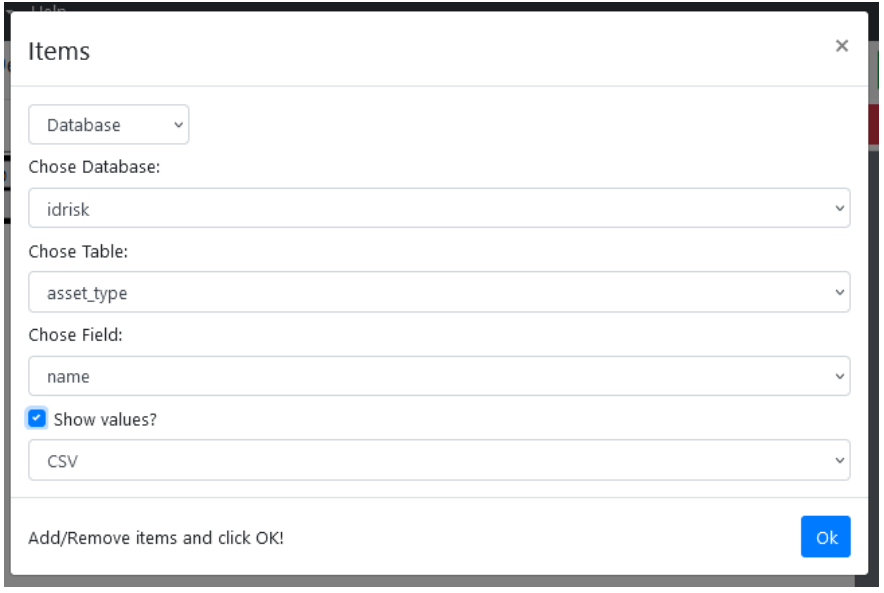
Some notes

- Dropbox / list
  - Data origin:
    - Manual
    - Table column



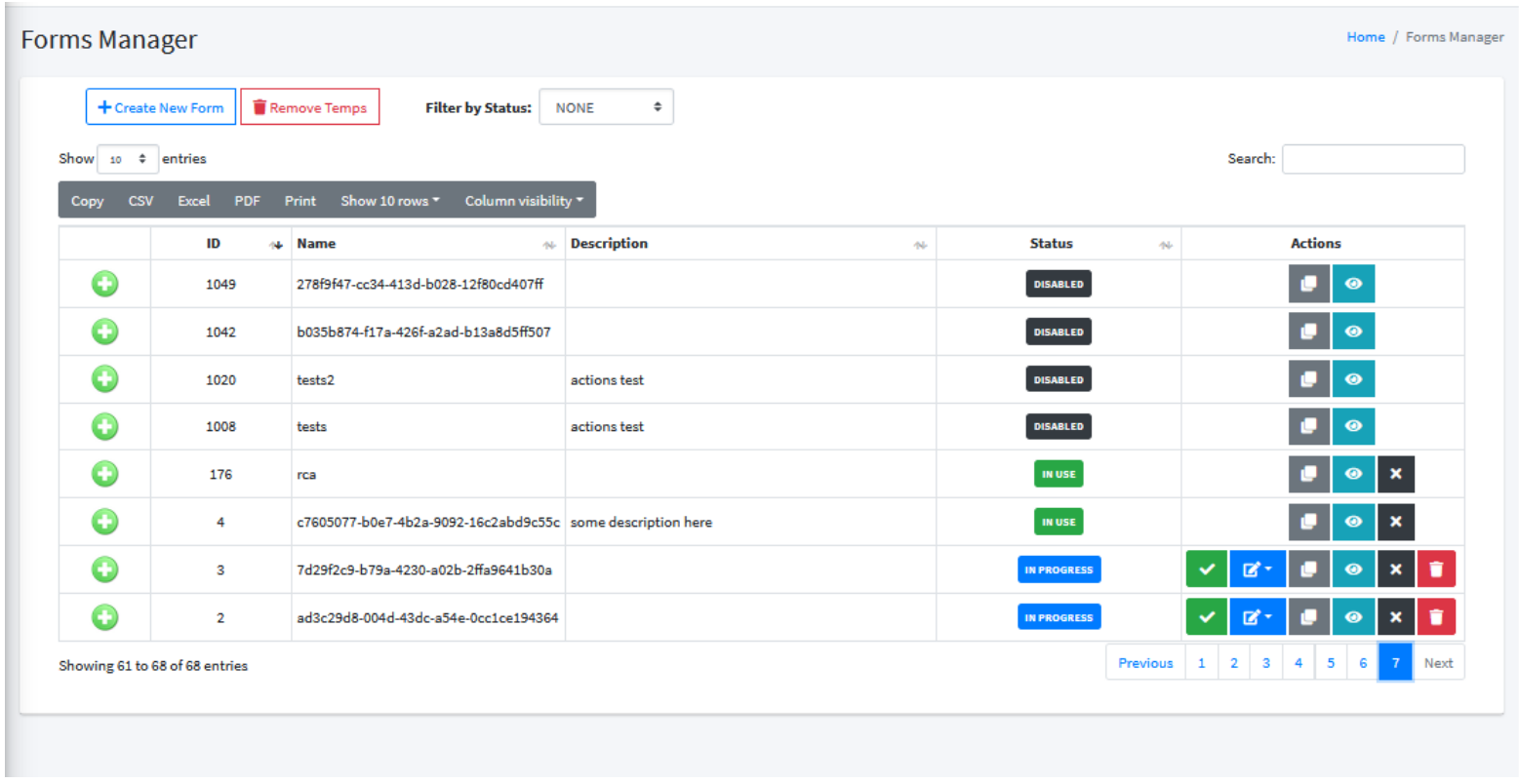
Some notes

- Dropbox / list
  - Data origin:
    - Manual
    - Table column
    - Database field



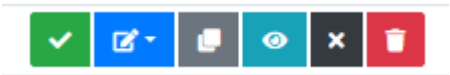
FORMS MANAGER

FORMS MANAGER



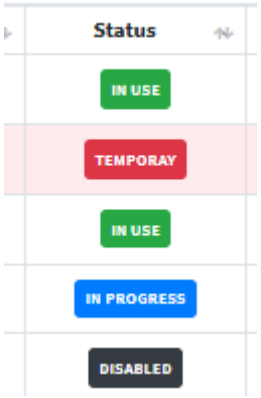
FORMS MANAGER

- Operations:
  - Set to “IN USE”
  - Edit Form in the designer
  - Change name/description
  - Clone form
  - Preview
  - Disable
  - Delete



FORMS MANAGER

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



FORMS MANAGER

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

- EDITABLE
- STILL NOT USABLE IN AN OPERATION
- CAN BE DELETED

FORMS MANAGER

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

- NOT EDITABLE
- USABLE IN AN OPERATION
- UNABLE TO DELETE

FORMS MANAGER

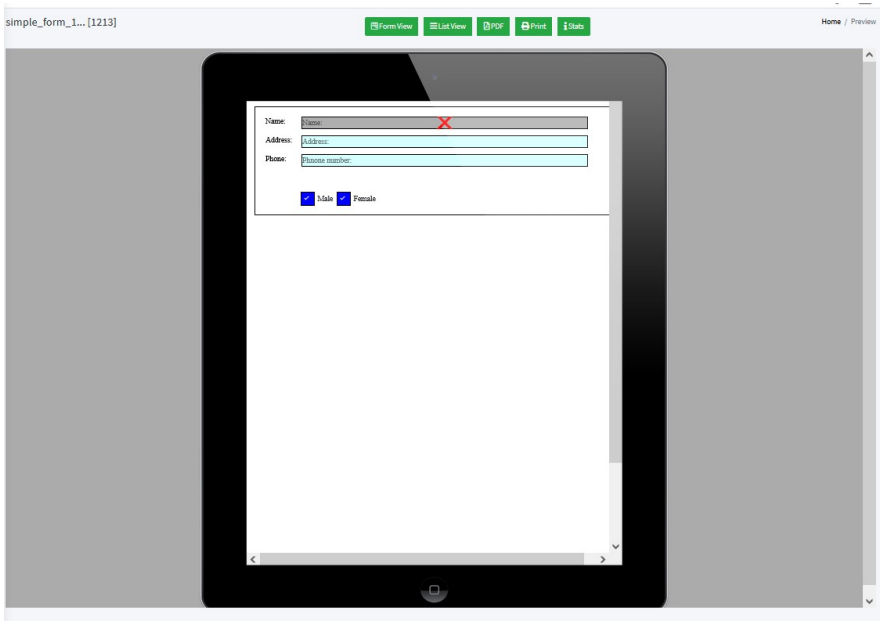
- Form status:
  - IN PROGRESS
  - IN USE
  - DISABLED
  - TEMPORARY

- NOT EDITABLE
- NOT USABLE IN AN OPERATION ANYMORE
- UNABLE TO DELETE

PREVIEW

PREVIEW

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

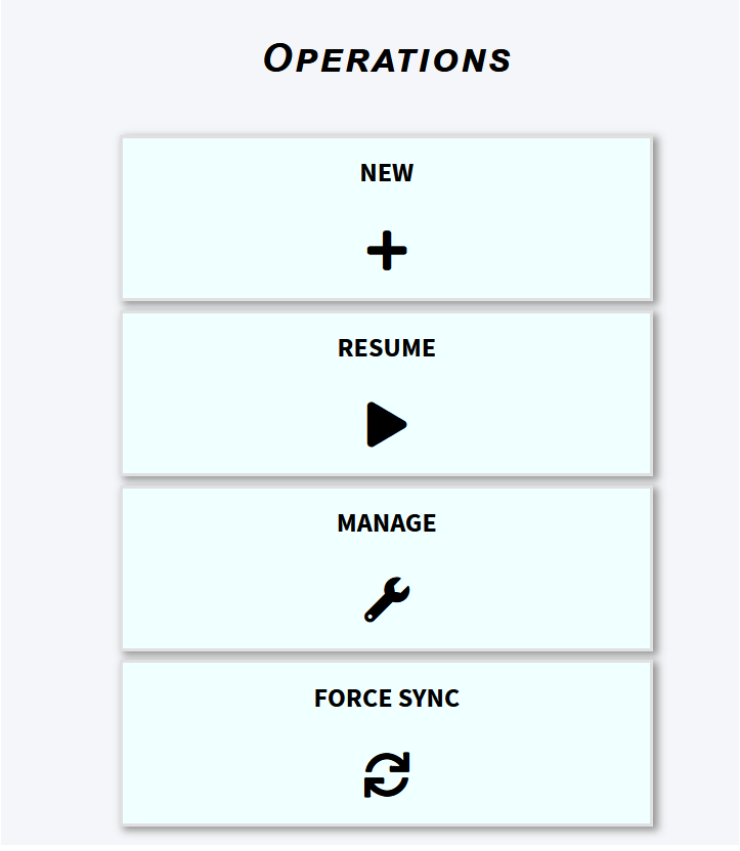


INSPECTOR’S APP

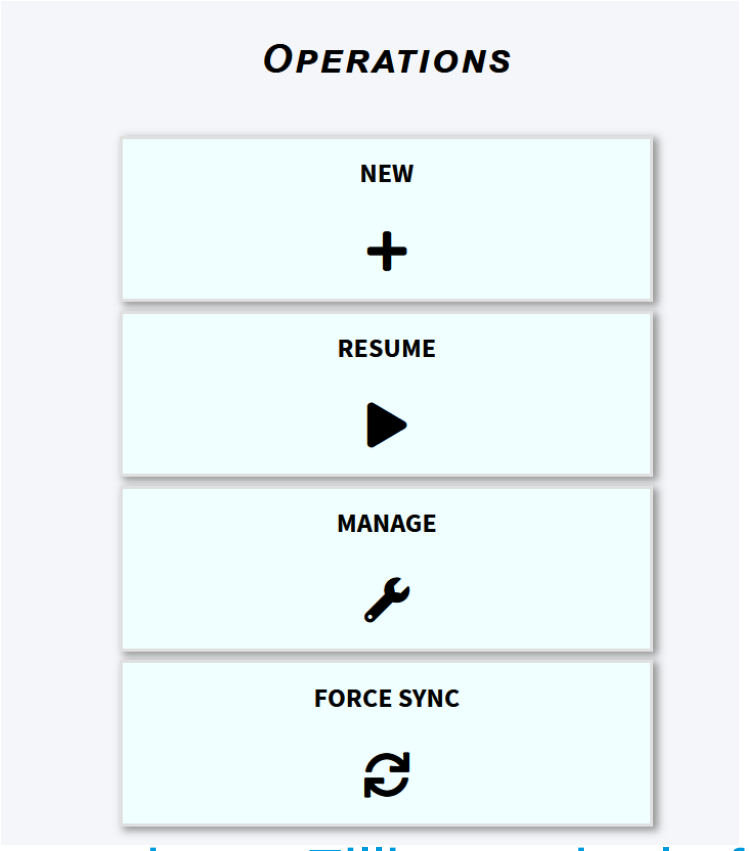
APP

- Can be used in any device, the layout should adapt to device size
- Right now, it’s in its general form. It must be adapted to each institution
- Online / offline (in progress)

APP



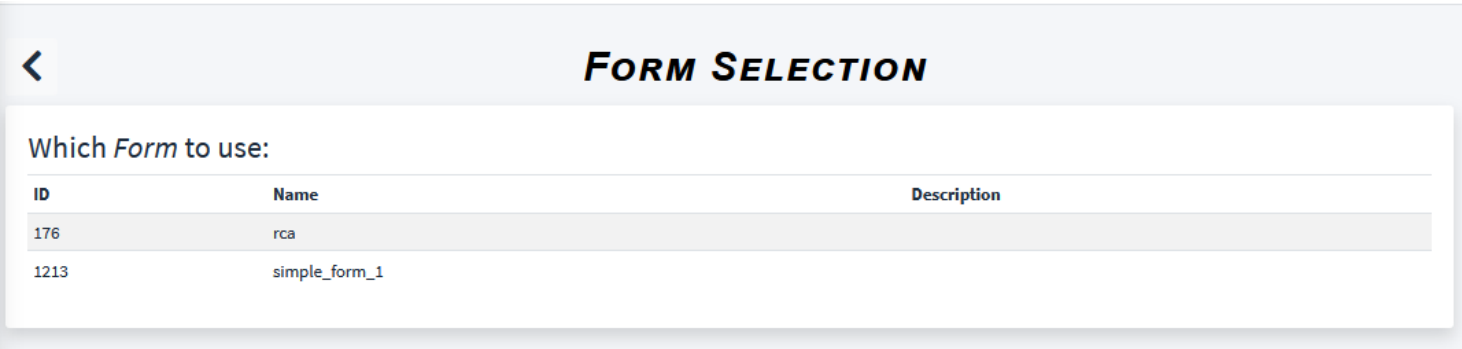
APP



Operation = Filling a single form

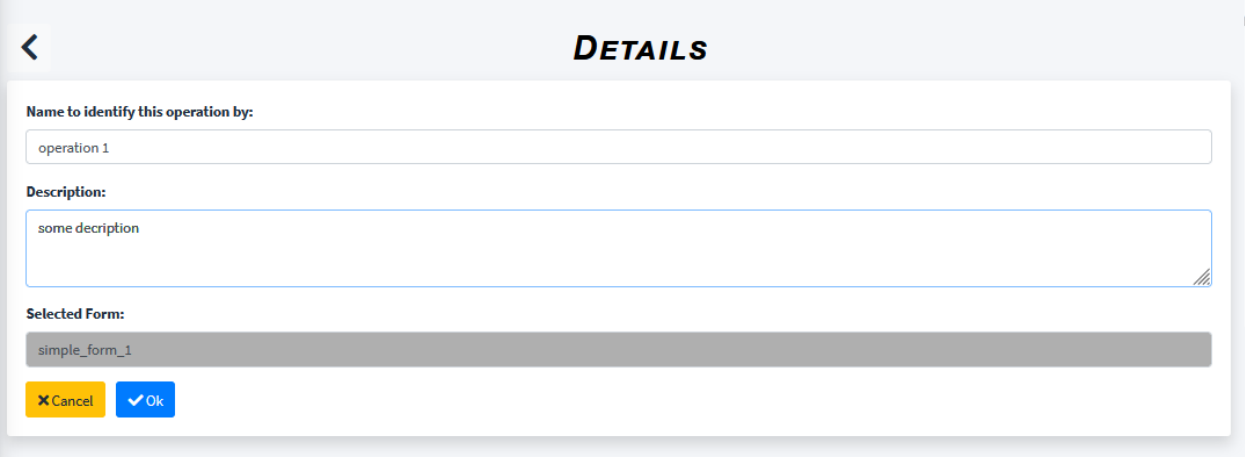
APP - new

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



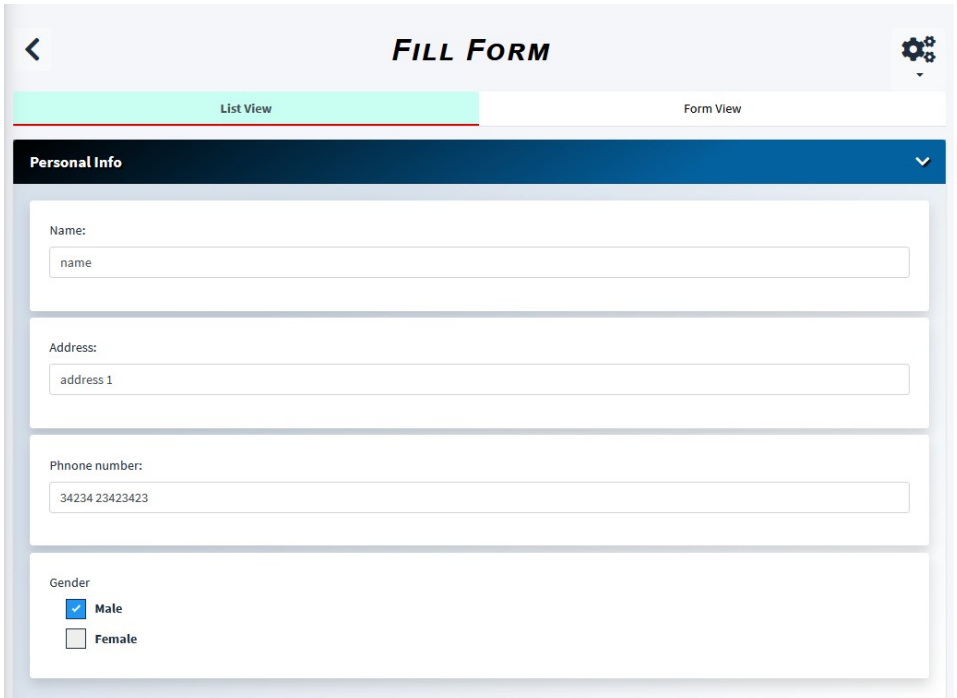
APP - new

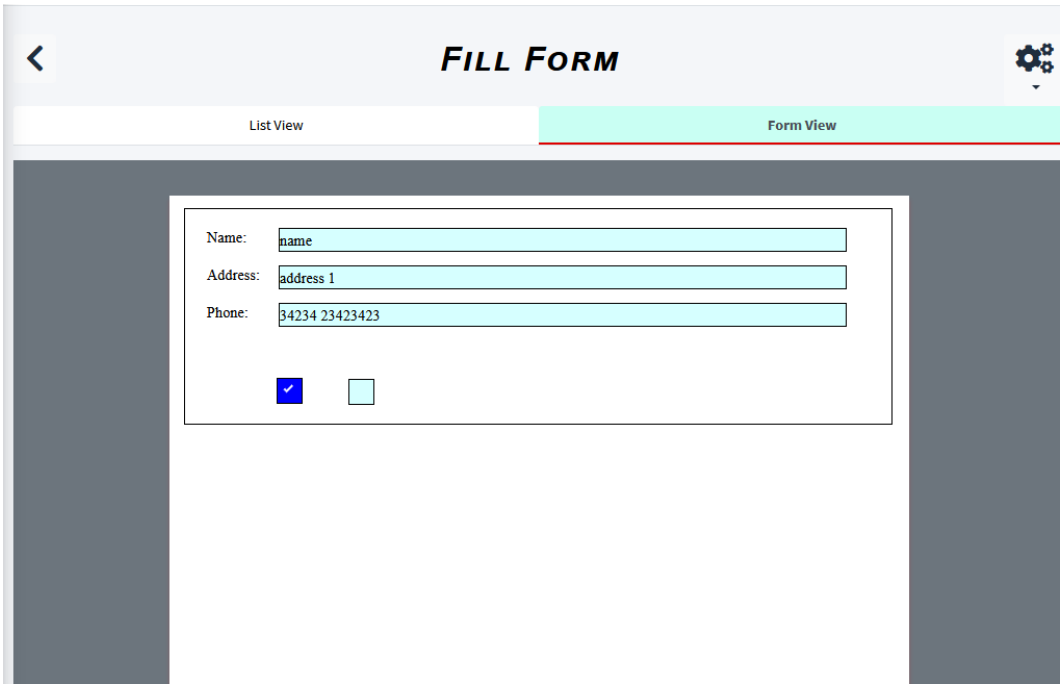
- Fill in the details of the operation:



APP - new

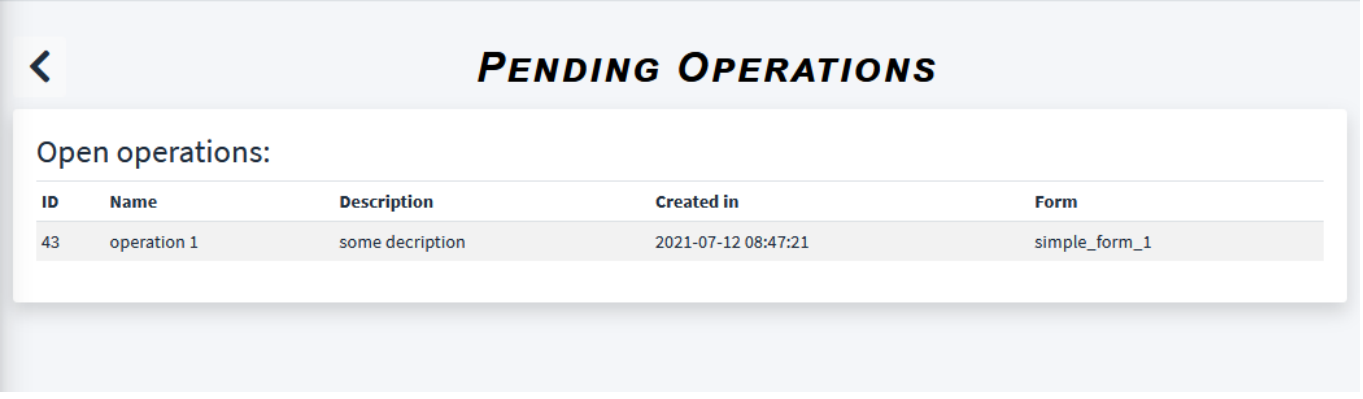
- Fill the form, using whatever view you like:



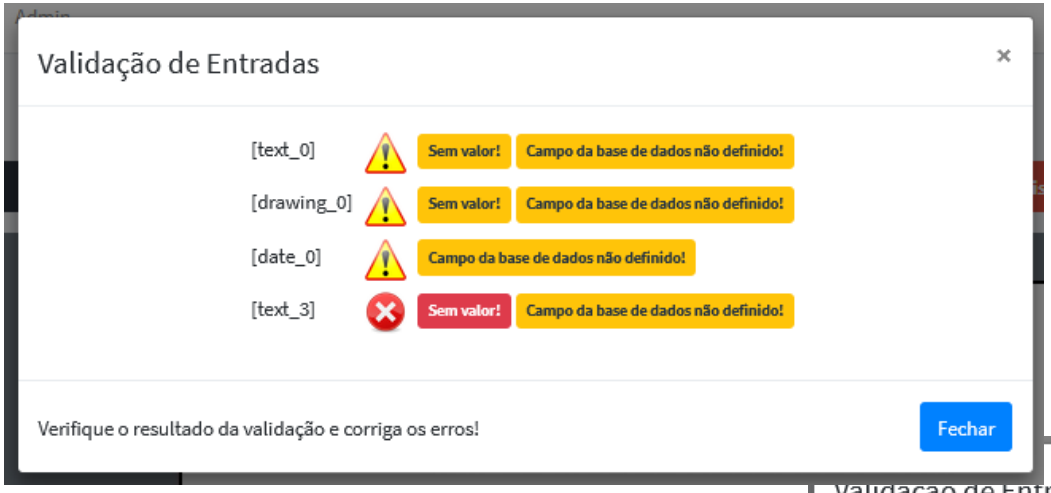


APP - resume

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

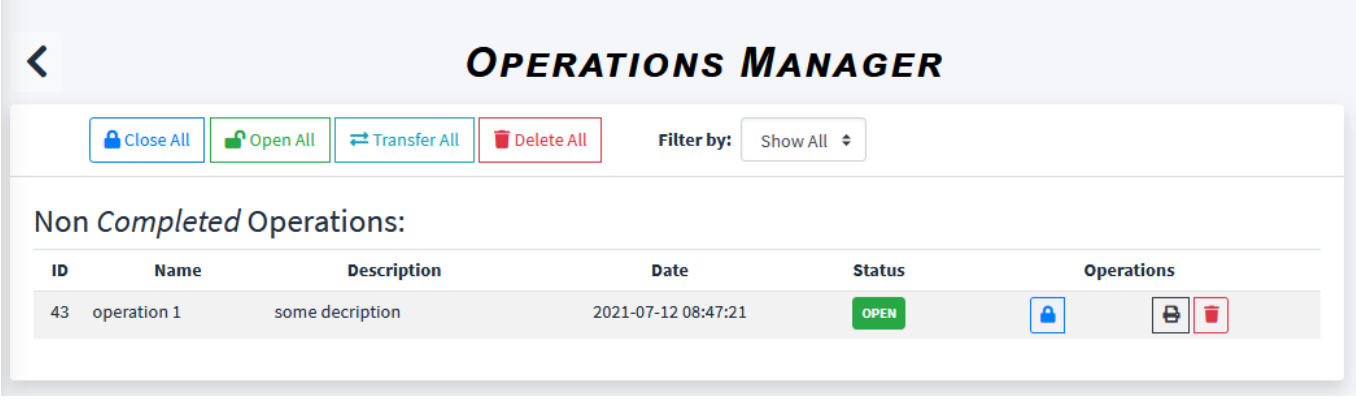


APP - validations



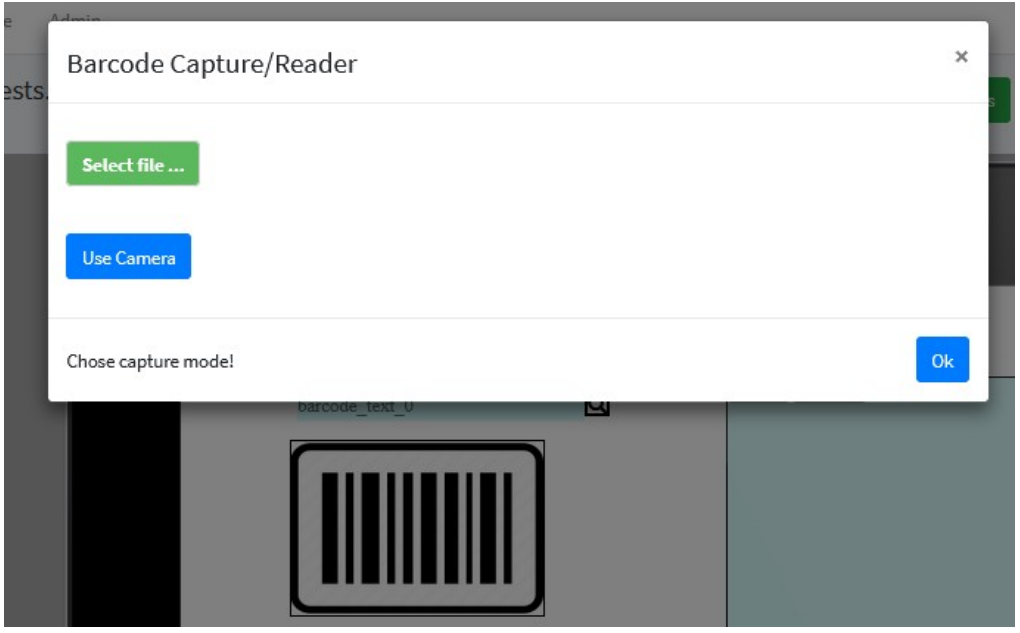
APP - manager

- Possible operations and 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** => Operations is completed, which means, it's now impossible to OPEN the operation and change something (only managers can do it now, through Operations Manager).



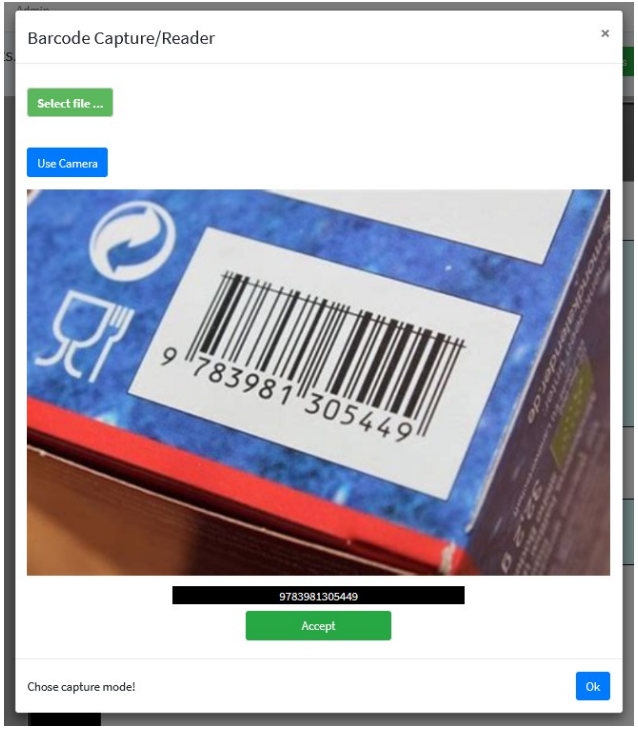
Some notes

- **Barcode input:**
  - Manually
  - From a picture
  - From camera
- Formats:
  - EAN
  - CODE 128
  - CODE 39
  - ...



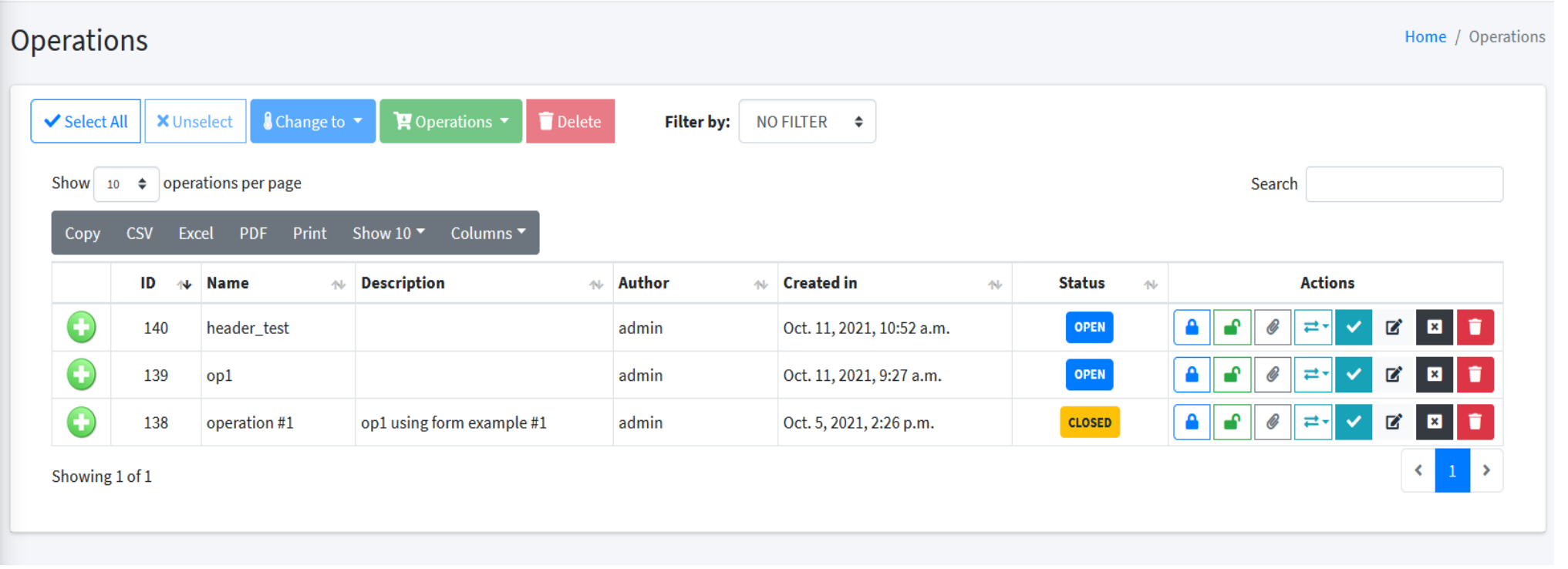
Some notes

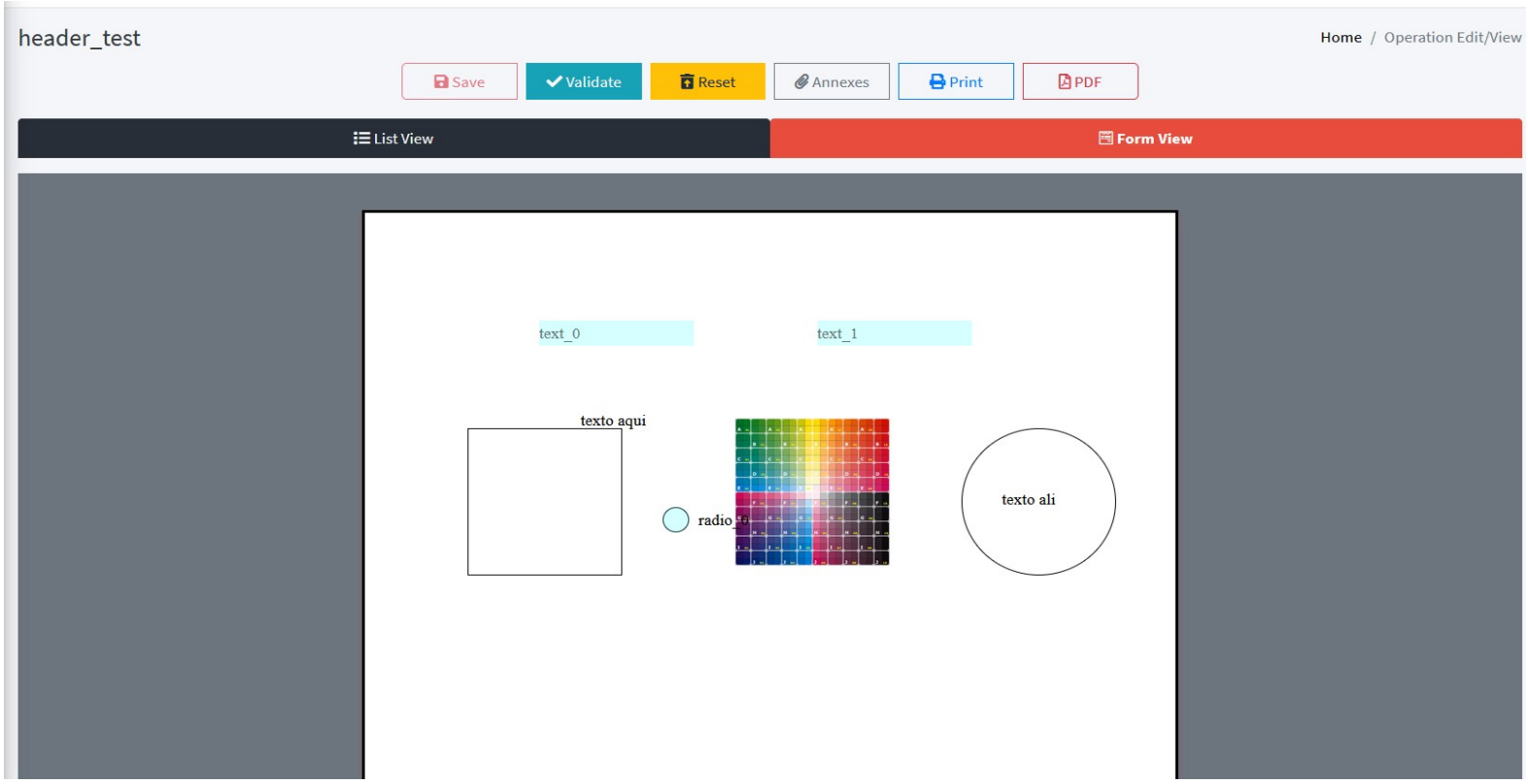
- **Barcode input:**
  - Manually
  - From a picture
  - From camera
- Formats:
  - EAN
  - CODE 128
  - CODE 39
  - ...



OPERATIONS MANAGER

OPERATIONS MANAGER



OPERATIONS EDITOR

OPERATIONS EDITOR