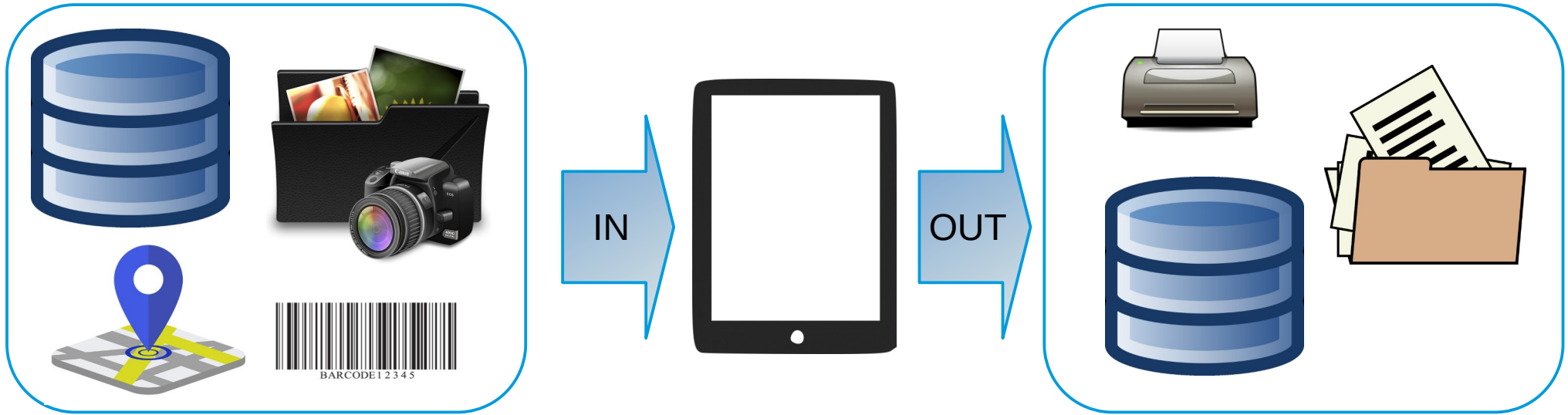


Forms

Rev. 3.0

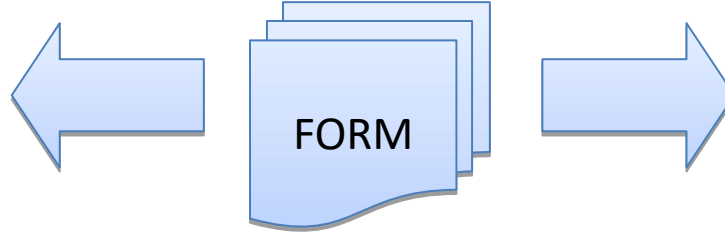
GOAL

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



GOAL

FORM VIEW



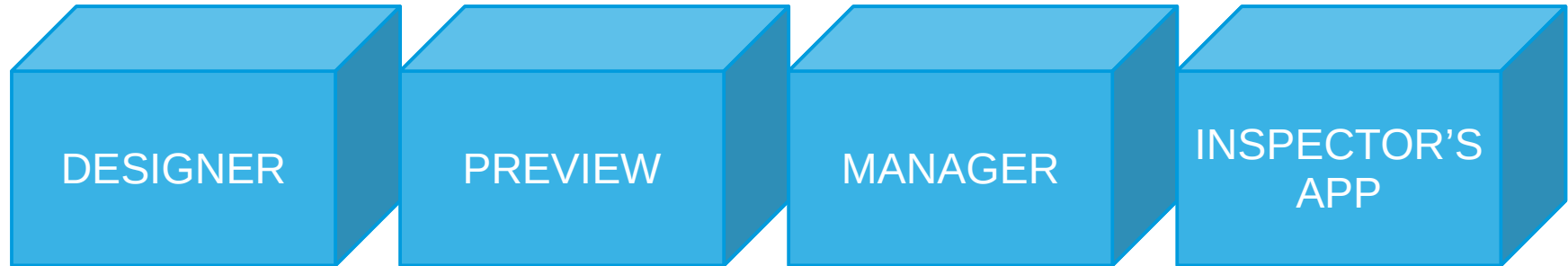
The user is able to alternate between the two at any time. So, he can choose whatever he feels more comfortable.

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

LIST VIEW

CURRENT STATE

- 4 main applications:



EDITOR

EDITOR (main)

The screenshot displays the main editor interface for a form design tool. The interface is divided into several sections:

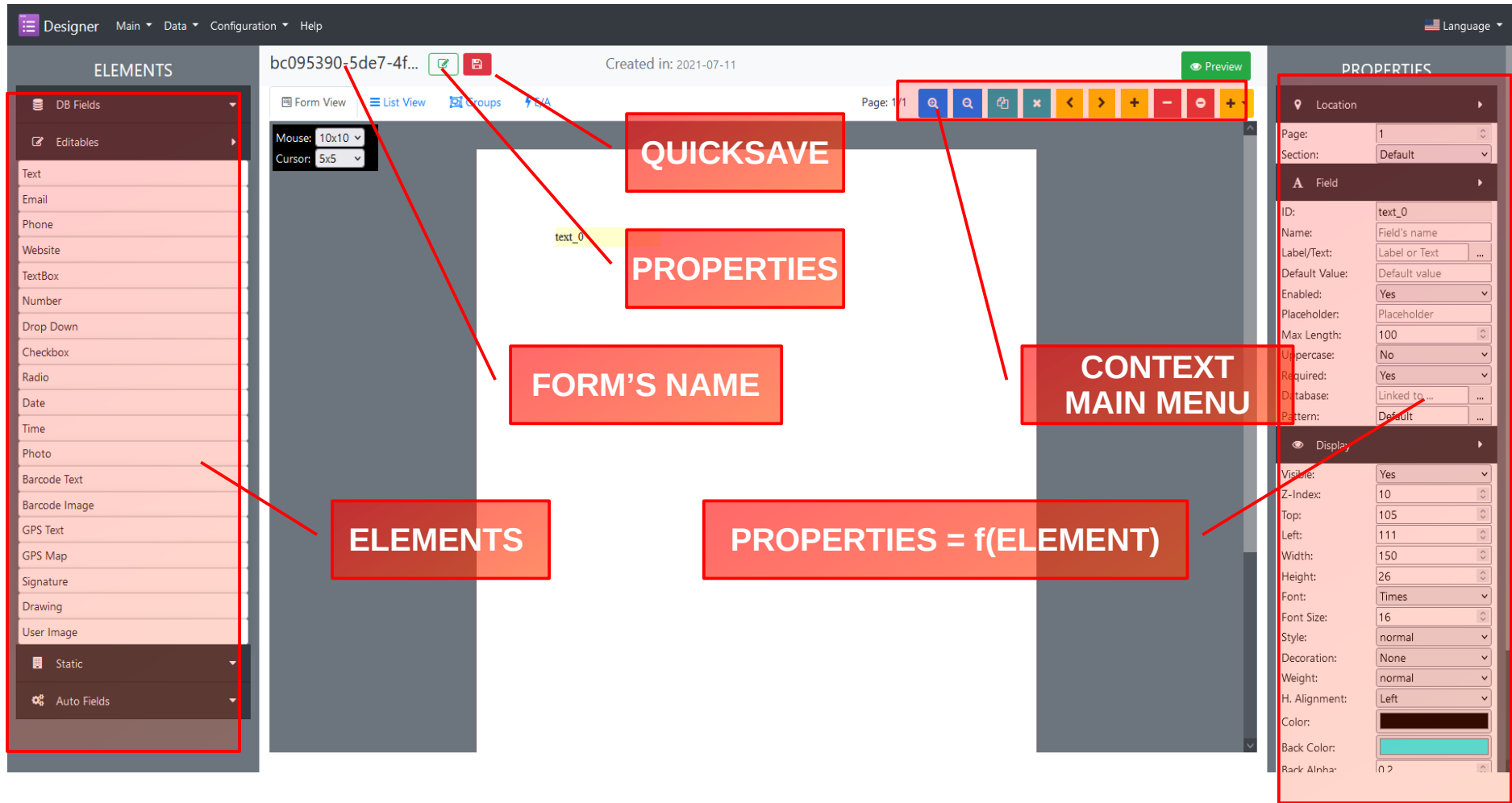
- Top Bar:** Includes a menu with "Designer", "Main", "Data", "Configuration", and "Help". On the right, there is a "Language" dropdown.
- Left Panel (ELEMENTS):** Contains a list of UI components under two categories: "DB Fields" and "Editables". The "Editables" list includes Text, Email, Phone, Website, TextBox, Number, Drop Down, Checkbox, Radio, Date, Time, Photo, Barcode Text, Barcode Image, GPS Text, GPS Map, Signature, Drawing, and User Image. At the bottom, there are "Static" and "Auto Fields" options.
- Central Canvas:** The main workspace for designing the form. It shows a form titled "bc095390-5de7-4f..." with a "Created in: 2021-07-11" timestamp. The canvas is in "Form View" and contains a single text field labeled "text_0". A toolbar above the canvas provides various actions like zooming, panning, and deleting.
- Right Panel (PROPERTIES):** A panel for configuring the selected element. It is divided into three sections:
 - Location:** Includes "Page" (set to 1) and "Section" (set to Default).
 - Field:** Configures the text field's properties, including 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 ...), and Pattern (Default).
 - Display:** Configures the visual appearance, including 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 (black), Back Color (cyan), and Back Alpha (0.7).

EDITOR (main)

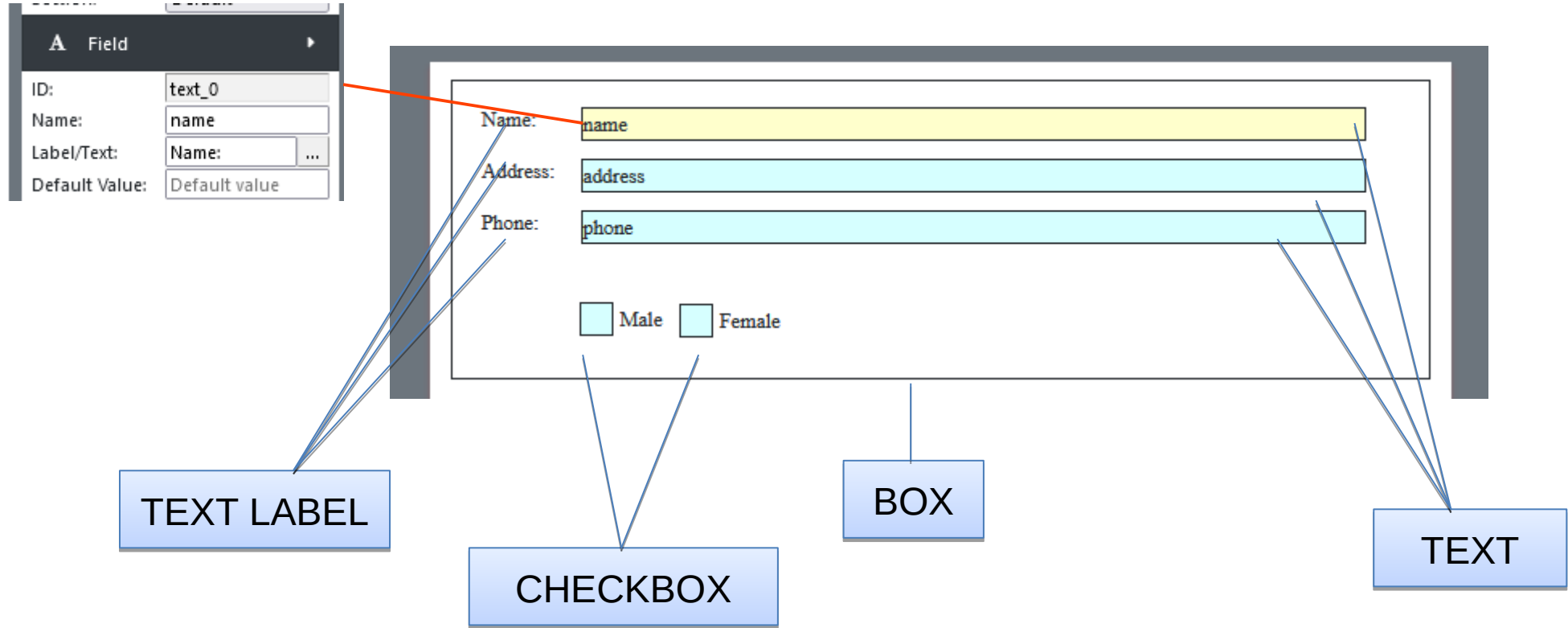
The screenshot displays the main editor interface with the following components:

- Top Bar:** Includes a menu (Designer, Main, Data, Configuration, Help), a project ID (bc095390-5de7-4f...), a creation date (Created in: 2021-07-11), and a Language dropdown.
- Left Panel (ELEMENTS):** A list of UI components for drag-and-drop, categorized into DB Fields and Editables. The Editables list includes Text, Email, Phone, Website, TextBox, Number, Drop Down, Checkbox, Radio, Date, Time, Photo, Barcode Text, Barcode Image, GPS Text, GPS Map, Signature, Drawing, and User Image. Below this are Static and Auto Fields sections.
- Central Canvas:** The workspace for building the form. It shows a 'Form View' tab, a toolbar with various icons, and a page indicator (Page: 1/1). A red arrow points from the 'Text' element in the Elements panel to a yellow 'text_0' box on the canvas. The text 'DRAG AND DROP' is written in red over the canvas.
- Right Panel (PROPERTIES):** A panel for configuring the selected element. It is divided into two sections: 'Field' and 'Display'. The 'Field' section includes properties like ID, Name, Label/Text, Default Value, Enabled, Placeholder, Max Length, Uppercase, Required, Database, and Pattern. The 'Display' section includes properties like Visible, Z-Index, Top, Left, Width, Height, Font, Font Size, Style, Decoration, Weight, H. Alignment, Color, Back Color, and Back Alpha.

EDITOR (main)



EDITOR (main)



EDITOR (sections)

The screenshot shows a form editor interface. At the top, there are tabs for 'Form View', 'List View', 'Groups', and 'E/A'. On the left, a 'SECTIONS' panel lists 'Default'. The main area displays a form with a yellow header 'Default' and three text input fields labeled 'name', 'address', and 'phone'. A red button at the bottom of the form is labeled 'CHECKBOXES/RADIOS WITH NO GROUP'. Red arrows point from external text labels to these elements: 'Default section' points to the 'Default' section in the left panel; 'checkboxes and radios (still not part of a group)' points to the red button; and 'names or labels' points to the 'name', 'address', and 'phone' fields.

checkboxes and radios (still not part of a group)

“names” or “labels”

A small dialog box titled 'Field' with the following fields:

ID:	text_0
Name:	name
Label/Text:	Name: ...
Default Value:	Default value

EDITOR (sections)

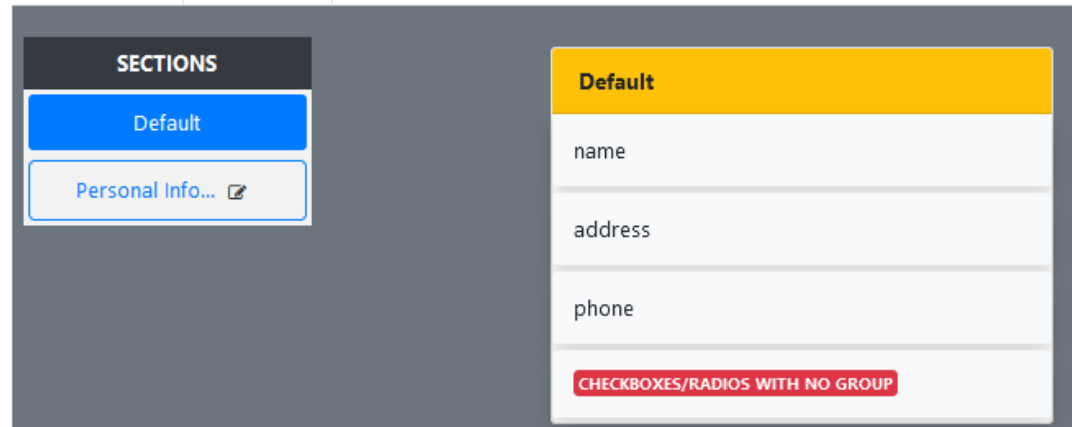
“labels” or “ids”

Field	
ID:	text_0
Name:	name
Label/Text:	Name: ...
Default Value:	Default value

The screenshot shows a form editor interface. At the top, there is a dark blue header bar with the word "Default" and a downward arrow. Below this, the form is divided into sections. The first section contains three text input fields, each preceded by a label: "Name:", "Address:", and "Phnone number:". Red arrows point from the text "labels or ids" to these three labels. The second section is titled "DEFAULT GROUP" in a red box and contains two radio buttons labeled "Male" and "Female".

EDITOR (sections)

- By default, new elements are set in the “*Default*” section
- It’s impossible to delete the “*Default*” section
- You can:
 - create, delete and rename sections:



EDITOR (sections)

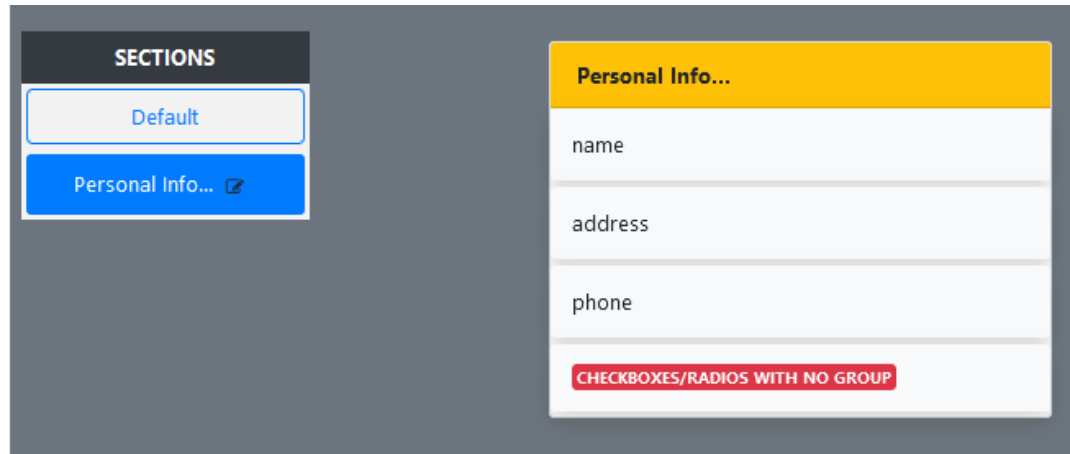
- By default, new elements are set in the “*Default*” section
- It's impossible to delete the “*Default*” section
- You can:
 - create, delete and rename sections
 - drag and reorder elements and sections

A screenshot of a form editor interface. At the top is a yellow header bar labeled "Personal Info...". Below it are three input fields: "address", "name", and "phone". At the bottom of the form is a red button labeled "CHECKBOXES/RADIO'S WITH NO GROUP".

A screenshot of the form editor interface showing the "SECTIONS" panel on the left. The panel contains two sections: "Default" (highlighted in blue) and "Personal Info..." (with a pencil icon). To the right of the sections panel is a red label "Drag'n drop" with three orange arrows pointing to the "Default" and "Personal Info..." sections. To the right of the sections panel is a form preview showing a yellow header bar labeled "Default" with fields for "name", "address", and "phone", and a red button labeled "CHECKBOXES/RADIO'S WITH NO GROUP".

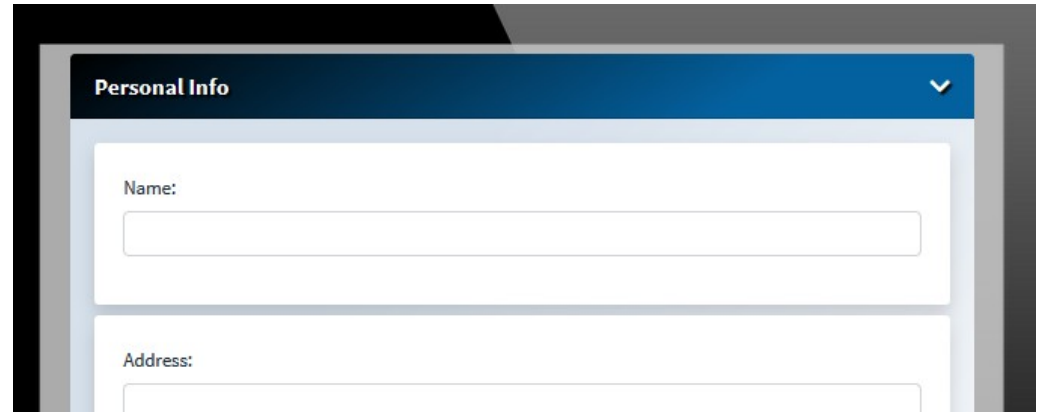
EDITOR (sections)

- By default, new elements are set in the “*Default*” section
- It’s impossible to delete the “*Default*” section
- You can:
 - create, delete and rename sections
 - drag and reorder elements and sections:



EDITOR (sections)

- By default, new elements are set in the “*Default*” section
- It’s impossible to delete the “*Default*” section
- You can:
 - create, delete and rename sections
 - drag and reorder elements and sections



The screenshot displays a user interface for editing form sections. A dark blue header bar at the top of the form is labeled 'Personal Info' and includes a downward-pointing chevron icon on the right. Below the header, the form is divided into two sections. The first section is labeled 'Name:' and contains a single-line text input field. The second section is labeled 'Address:' and contains a single-line text input field. The entire form is set against a light gray background.

EDITOR (groups)

- *Checkboxes* and *Radios* should be included in groups.
- While other elements can have a single database field associated with them, *Checkboxes* and *Radios* can only be associated with a database field iff they belong to a group.

gp-0

Group Name/Description

Gender

Database Field:

Database Field

Elements to Add:

-- Select element --

Elements in the group:

ID	Label	Operations
checkbox_0	Male	
checkbox_1	Female	

EDITOR (groups)

Personal Info...

name

address

phone

CHECKBOXES/RADIOS WITH NO GROUP

Personal Info...

name

address

phone

Gender

DEFAULT GROUP

☐ Male

☐ Female

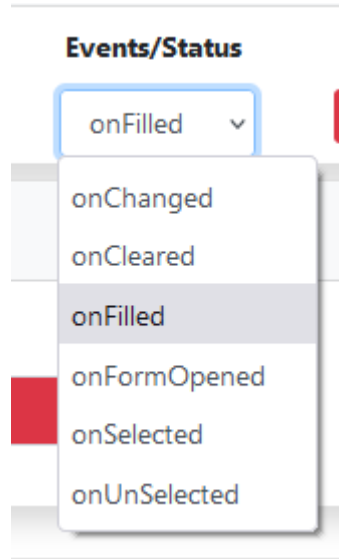
Gender

☐ Male

☐ Female

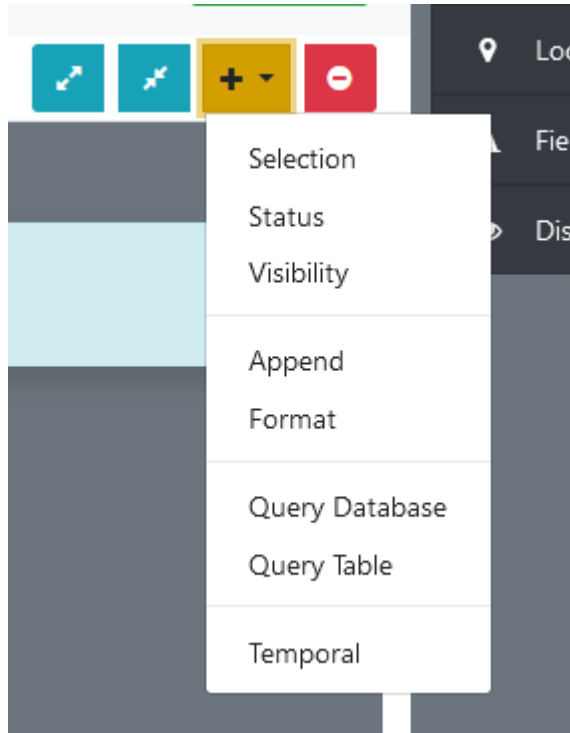
EDITOR (events-actions)

- 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

EDITOR (actions)

Form View List View Groups E/A

Status #0 [ea-0]

Events

	Fields	Events/Status	Ops.
	[checkbox_0] Male	onSelected	
AND	[checkbox_1] Female	onSelected	

Action

Action	Fields/Sections	Ops.
cross	[text_0] name	

EDITOR (actions)

Name:

Address:

Phone:

☐ Male ☐ Female

Name: **X**

Address:

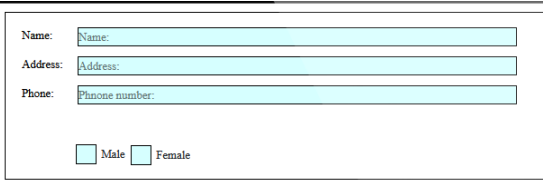
Phone:

☒ Male ☒ Female

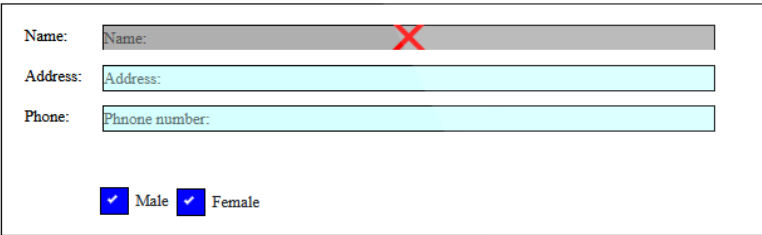
Personal Info ▼

Name: **X**

EDITOR (actions)



A form with three text input fields labeled 'Name:', 'Address:', and 'Phone:'. Below the inputs are two unchecked checkboxes labeled 'Male' and 'Female'. Two large blue arrows point from this form to the two forms below it.



The same form as above, but the 'Male' and 'Female' checkboxes are now checked. A red 'X' is drawn over the 'Name:' input field.



A form titled 'Personal Info' with a dropdown arrow. The 'Name:' input field is highlighted with a red 'X' over it.

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

Required: Yes ▾

Items: Define Items

Items

Manual ▾

Add Item

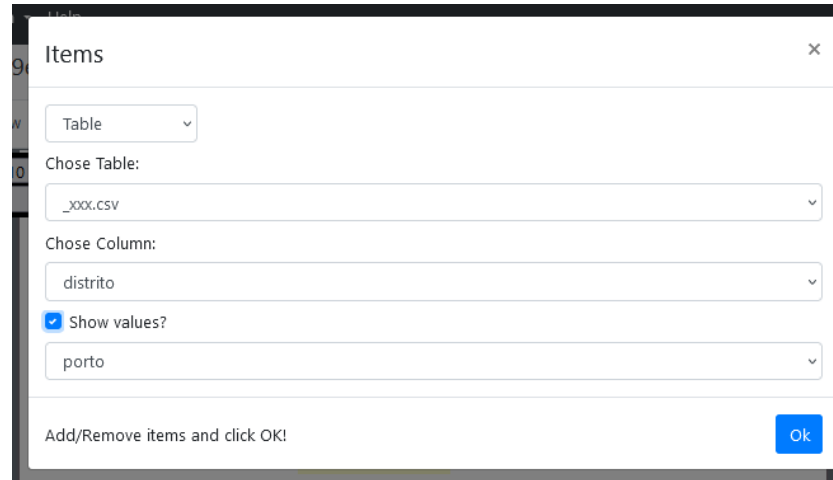
Order	Name	Selected	Operations
0	Option 0	<input checked="" type="radio"/>	<div><div></div><div>↑</div><div>↓</div></div>
1	Option 1	<input type="radio"/>	<div><div></div><div>↑</div><div>↓</div></div>
2	Option 2	<input type="radio"/>	<div><div></div><div>↑</div><div>↓</div></div>
3	Option 3	<input type="radio"/>	<div><div></div><div>↑</div><div>↓</div></div>

Add/Remove items and click OK!

Ok

Some notes

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

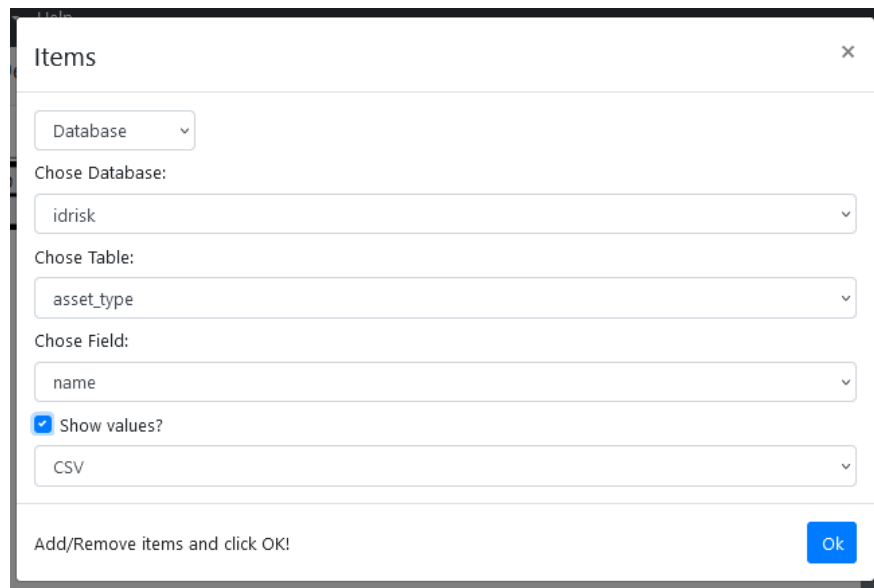


The screenshot shows a dialog box titled 'Items' with a close button (X) in the top right corner. The dialog contains the following elements:

- A dropdown menu labeled 'Table' with a downward arrow.
- A label 'Chose Table:' followed by a text input field containing '_xxx.csv' and a dropdown arrow.
- A label 'Chose Column:' followed by a text input field containing 'distrito' and a dropdown arrow.
- A checked checkbox labeled 'Show values?'.
- A text input field containing 'porto' and a dropdown arrow.
- A footer area with the text 'Add/Remove items and click OK!' and a blue 'Ok' button.

Some notes

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

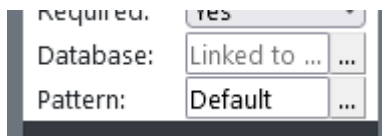


The screenshot shows a dialog box titled 'Items' with a close button (X) in the top right corner. The dialog contains several configuration options:

- A dropdown menu labeled 'Database' with a downward arrow.
- A label 'Chose Database:' followed by a dropdown menu showing 'idrisk'.
- A label 'Chose Table:' followed by a dropdown menu showing 'asset_type'.
- A label 'Chose Field:' followed by a dropdown menu showing 'name'.
- A checkbox labeled 'Show values?' which is checked.
- A dropdown menu showing 'CSV'.
- At the bottom, a text label 'Add/Remove items and click OK!' and a blue 'Ok' button.

Some notes

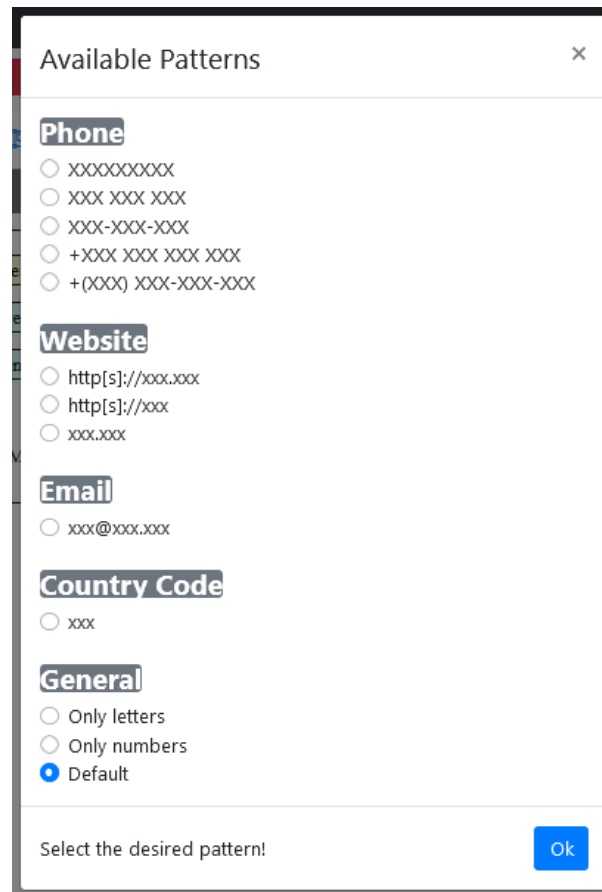
- Patterns
 - Pre-defined patterns, or



Required. ☒ yes

Database:

Pattern:



Available Patterns

Phone

- ☐ XXXXXXXXXX
- ☐ XXX XXX XXX
- ☐ XXX-XXX-XXX
- ☐ +XXX XXX XXX XXX
- ☐ +(XXX) XXX-XXX-XXX

Website

- ☐ http[s]://xxx.xxx
- ☐ http[s]://xxx
- ☐ xxx.xxx

Email

- ☐ xxx@xxx.xxx

Country Code

- ☐ xxx

General

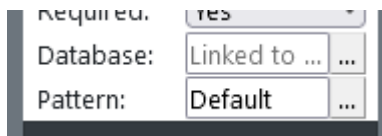
- ☐ Only letters
- ☐ Only numbers
- ☒ Default

Select the desired pattern!

Ok

Some notes

- Patterns
 - Pre-defined patterns, or
 - Manually enter the pattern (requires js pattern knowledge)



A screenshot of a configuration form with three rows. The first row is labeled 'Required.' and has a dropdown menu showing 'yes'. The second row is labeled 'Database:' and has a text box containing 'Linked to ...' followed by a small square button with three dots. The third row is labeled 'Pattern:' and has a text box containing 'Default' followed by a small square button with three dots.

TODO (maybe): simple regex editor for non coders.

MANAGER

MANAGER

Forms Manager

Home / Forms Manager

[+ Create New Form](#)[Remove Temps](#)

Filter by Status: NONE

Show 10 entries

Search:

CopyCSVExcelPDFPrintShow 10 rowsColumn visibility

	ID	Name	Description	Status	Actions
	1049	278f9f47-cc34-413d-b028-12f80cd407ff		DISABLED	
	1042	b035b874-f17a-426f-a2ad-b13a8d5ff507		DISABLED	
	1020	tests2	actions test	DISABLED	
	1008	tests	actions test	DISABLED	
	176	rca		IN USE	
	4	c7605077-b0e7-4b2a-9092-16c2abd9c55c	some description here	IN USE	
	3	7d29f2c9-b79a-4230-a02b-2ffa9641b30a		IN PROGRESS	
	2	ad3c29d8-004d-43dc-a54e-0cc1ce194364		IN PROGRESS	

Showing 61 to 68 of 68 entries

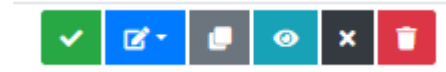
Previous

1234567

Next

MANAGER

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



MANAGER

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

Status
IN USE
TEMPORARY
IN USE
IN PROGRESS
DISABLED

MANAGER

- Form status:


- IN PROGRESS
- IN USE
- DISABLED
- TEMPORARY

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

MANAGER

- Form status:

- IN PROGRESS
- IN USE
- DISABLED
- TEMPORARY

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

MANAGER

- Form status:


- IN PROGRESS
- IN USE
- DISABLED
- TEMPORARY

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

MANAGER

- Form status:

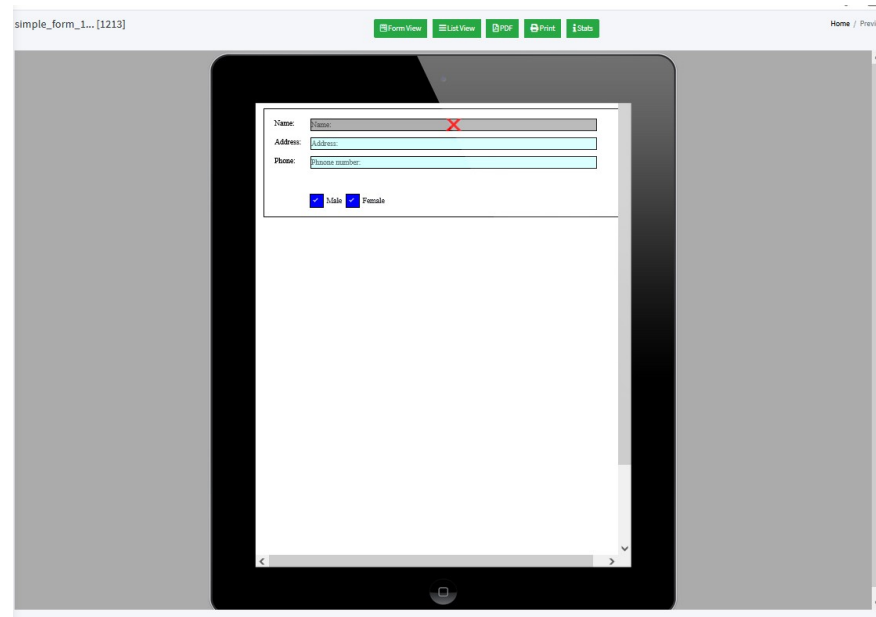
- IN PROGRESS
- IN USE
- DISABLED
- TEMPORARY

- 
- RECENTLY CREATED, BUT STILL NOT SAVED
 - EDITABLE
 - NOT USABLE IN ANY OPERATION
 - IT BECOMES "IN PROGRESS" AS SOON AS IT'S SAVED FOR THE FIRST TIME OR PREVIEWED

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

OPERATIONS

NEW



RESUME



MANAGE



OPTIONS




APP



Operation = Filling a single form

APP - new

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

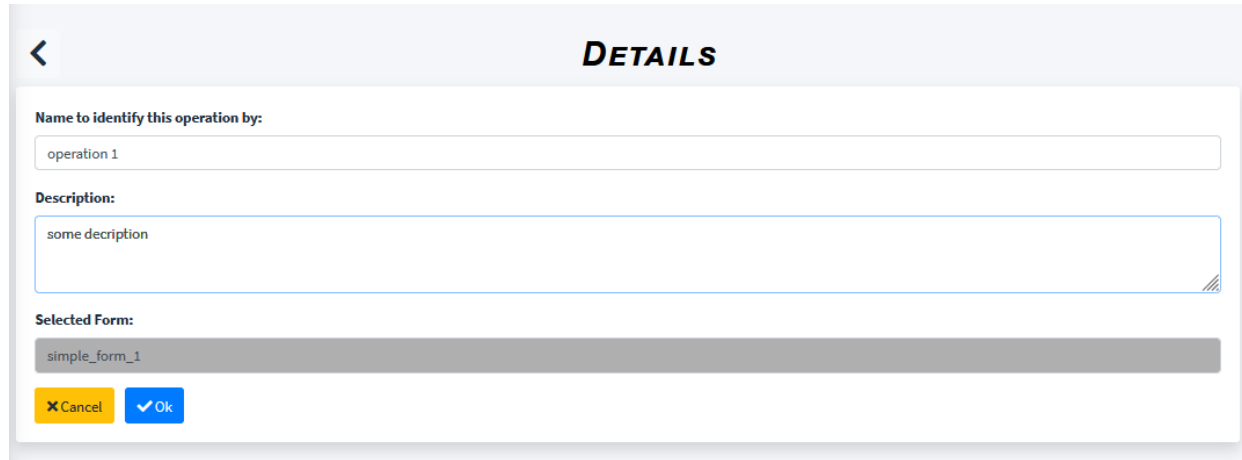
**FORM SELECTION**

Which *Form* to use:

ID	Name	Description
176	rca	
1213	simple_form_1	

APP - new

- Fill in the details of the operation:



The screenshot shows a mobile application interface for adding a new operation. The title bar at the top is light blue with a back arrow on the left and the word 'DETAILS' in bold. Below the title bar, the form is divided into three sections: 'Name to identify this operation by:', 'Description:', and 'Selected Form:'. The 'Name' section has a text input field containing 'operation 1'. The 'Description' section has a larger text input field containing 'some decription'. The 'Selected Form' section has a dropdown menu showing 'simple_form_1'. At the bottom of the form are two buttons: a yellow 'X Cancel' button and a blue '✓ OK' button.

< DETAILS

Name to identify this operation by:

operation 1

Description:

some decription

Selected Form:

simple_form_1

X Cancel ✓ OK

APP - new

- Fill the form, using whatever view you like:

The screenshot shows the 'FILL FORM' app interface in 'List View' mode. The top bar is light gray with a back arrow on the left, the title 'FILL FORM' in the center, and a settings gear icon on the right. Below the bar, there are two tabs: 'List View' (highlighted in light green) and 'Form View'. A dark blue header for the 'Personal Info' section is visible. The form contains the following fields:

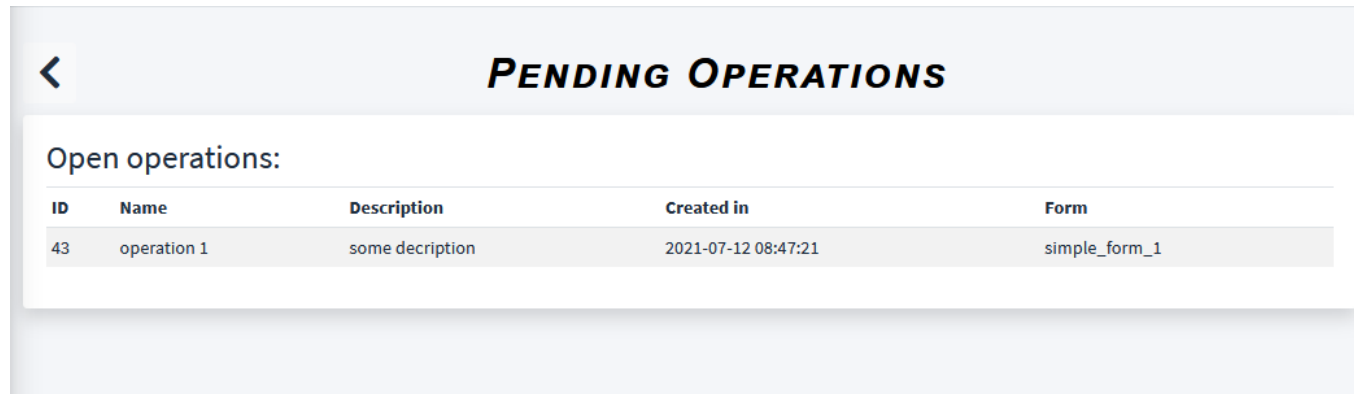
- Name:** A text input field with the placeholder text 'name'.
- Address:** A text input field with the placeholder text 'address 1'.
- Phnone number:** A text input field containing the value '34234 23423423'.
- Gender:** A section with two radio buttons: 'Male' (which is selected, indicated by a blue checkmark) and 'Female'.

The screenshot shows the 'FILL FORM' app interface in 'Form View' mode. The top bar is light gray with a back arrow on the left, the title 'FILL FORM' in the center, and a settings gear icon on the right. Below the bar, there are two tabs: 'List View' and 'Form View' (highlighted in light green). The form is displayed in a white box with a gray border. It contains the following fields:

- Name:** A text input field with the placeholder text 'name'.
- Address:** A text input field with the placeholder text 'address 1'.
- Phone:** A text input field containing the value '34234 23423423'.
- Gender:** A section with two radio buttons: 'Male' (which is selected, indicated by a blue checkmark) and 'Female'.

APP - resume

- Any operation not CLOSED, can be resume, at any time:





The screenshot shows a mobile application interface with a light blue header bar. Below the header, there is a white box with a light blue border. Inside this box, the title "PENDING OPERATIONS" is displayed in bold, italicized black text. To the left of the title is a back arrow icon. Below the title, the text "Open operations:" is followed by a table. The table has five columns: ID, Name, Description, Created in, and Form. The first row of data shows ID 43, Name operation 1, Description some decription, Created in 2021-07-12 08:47:21, and Form simple_form_1.


ID	Name	Description	Created in	Form
43	operation 1	some decription	2021-07-12 08:47:21	simple_form_1


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** => data was successfully transferred to the database, which means, it's now impossible to OPEN the operation and change something.


 **OPERATIONS MANAGER**

 Close All




 Open All

 Transfer All

 Delete All

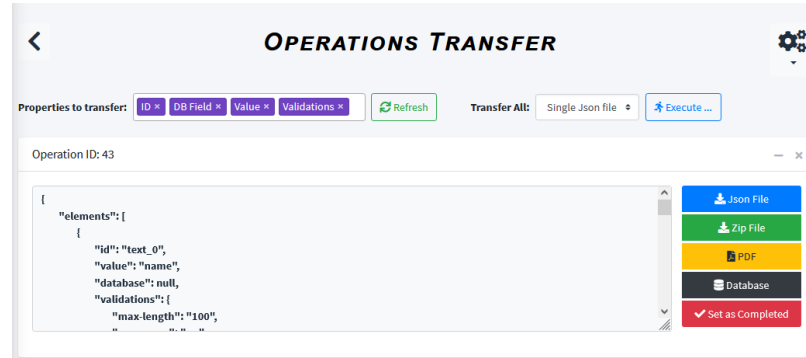
Filter by: Show All 

Non Completed Operations:

ID	Name	Description	Date	Status	Operations
43	operation 1	some decription	2021-07-12 08:47:21	OPEN	  

APP - TRANSFER

- Since the app is still not adapted to any organization, it's possible to transfer the data of an operation or all operations:
 - to a json format;
 - to zip file, containing json files with the data and any other input media, such as, photos e barcodes;
 - directly to database, where the data will be validated both at the client and at the server side



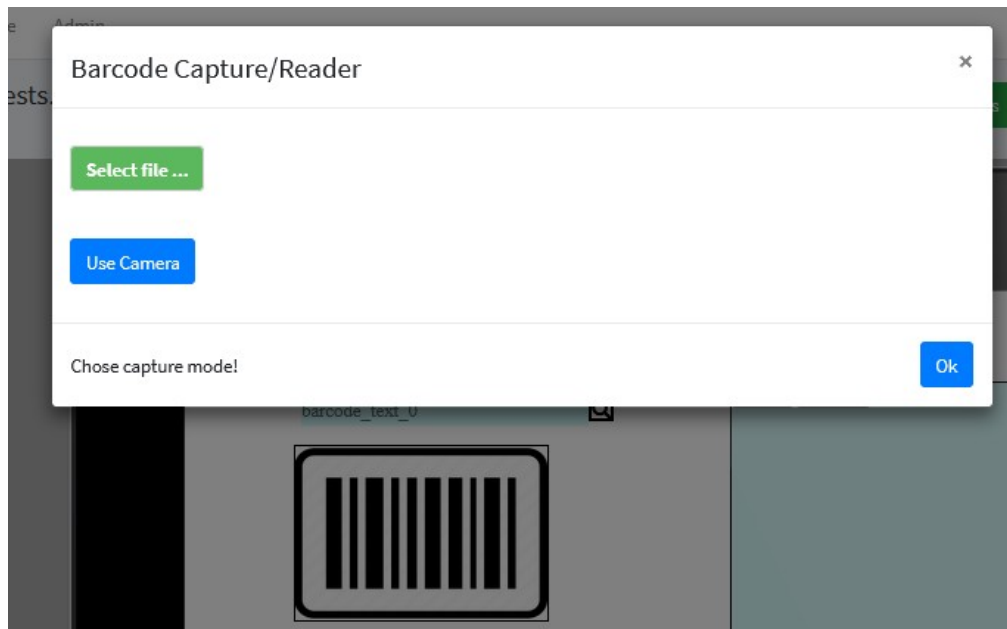
Some notes

- **Barcode input:**

- Manually
- From a picture
- From camera

- **Formats:**

- EAN
- CODE 128
- CODE 39
- ...



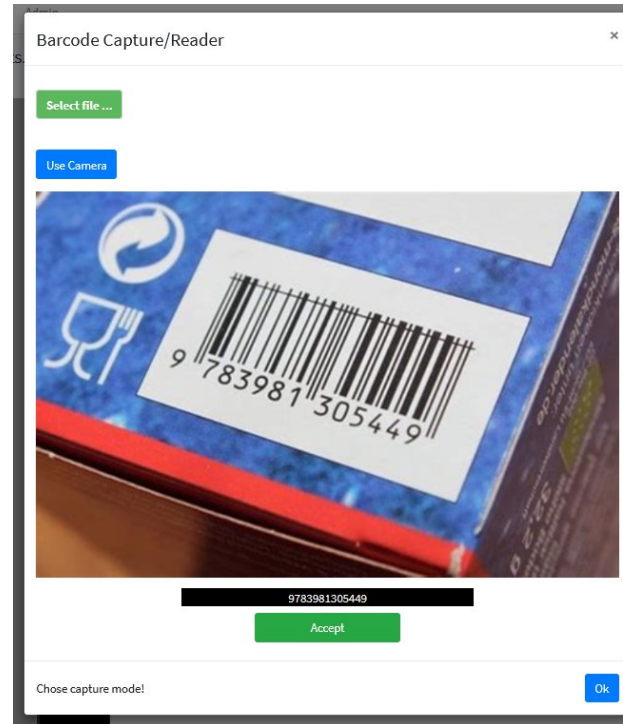
Some notes

- **Barcode input:**

- Manually
- From a picture
- From camera

- **Formats:**

- EAN
- CODE 128
- CODE 39
- ...

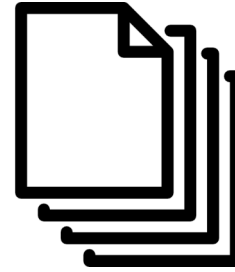


FINAL REMARKS

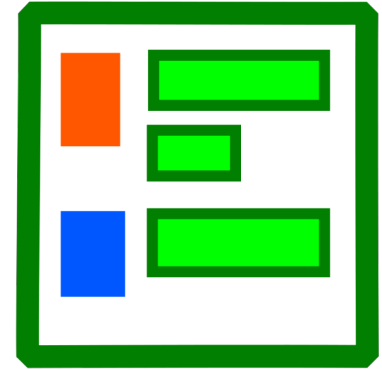
TODO / Bugged



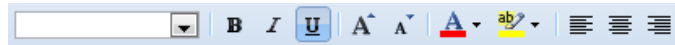
Zoom



Repeated elements



Better UI



Initial Product Description... Just Added some more Test

Some **BOLD**

Some RED

[MY URL Link](#)

Richtext element



DB → check/radio grid

TODO / Bugged

- Editor:
 - Zoom
 - Repeaters (headers/footers)
 - Multi element cloning
 - Rich text element
 - Self cloning elements
 - Page orientation
 - Background color
- Editor (cont.)
 - radio/check label positions
 - radio/check shapes
 - Import / export (pdf / word)
 - Regex editor
 - Better UI / styles of some parts
 - ...

TODO / Bugged

- App:
 - Better visuals
 - Adapt for each institution / process
 - Print
 - Offline capability
 - ...

CAN I TEST IT NOW?

- Google server
- `http://34.134.170.7/`
- Username: admin
- Password: kh12321kh12321

NEXT STEPS

