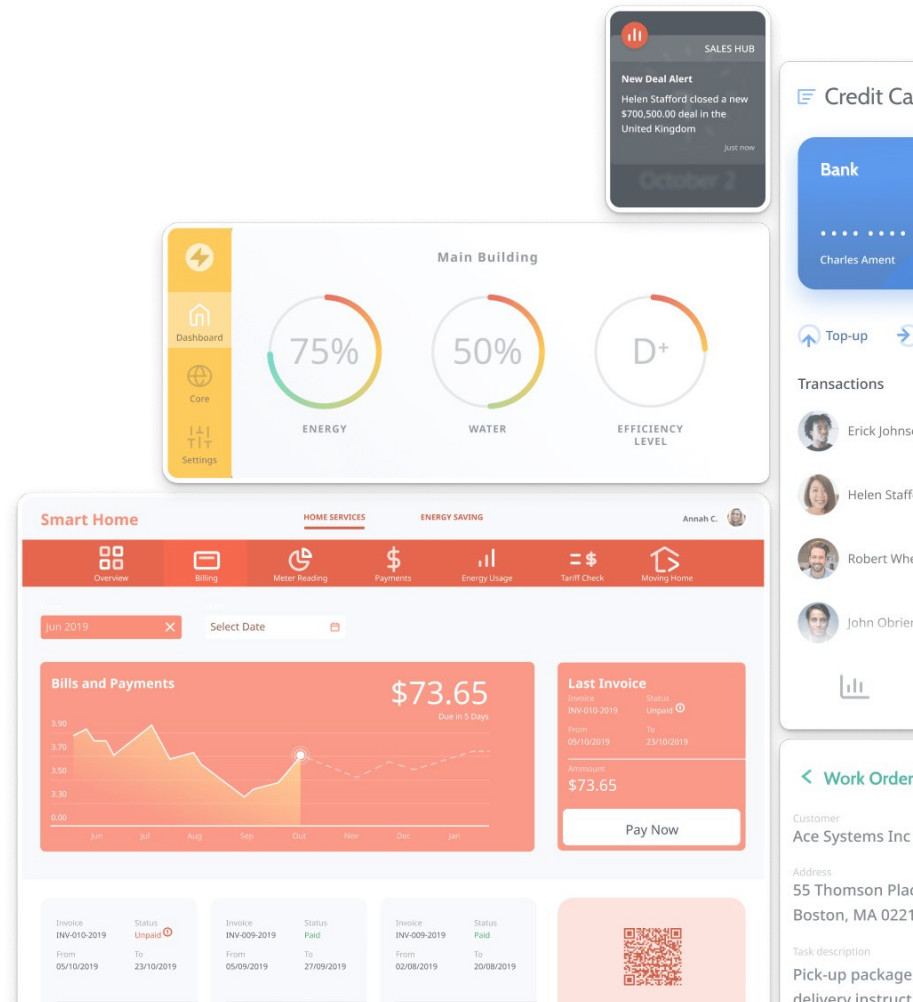




Building Forms

Reactive Developer Boot Camp



What you will learn here

- Users Interaction
- Displaying and Editing a Record
- Forms and Inputs
- How Data is Stored
- Submit Data

Users Interaction

- Users often need to edit and submit data
- Data can have different formats and data types
 - Text fields
 - List of options
 - Date pickers
- Input widgets are used to allow these interactions

Flash cleaning product

Name *

Flash cleaning product

Description *

Ideal for cleaning almost any hard surface in your home. Use it on the kitchen sink, greasy stovetops, even as a floor cleaner. See package for all usage instructions. A rinse required for surfaces in direct contact with food.

Price *

3.3

Available Since *

04/05/2021

Has Stock

Product Type

Cleaning

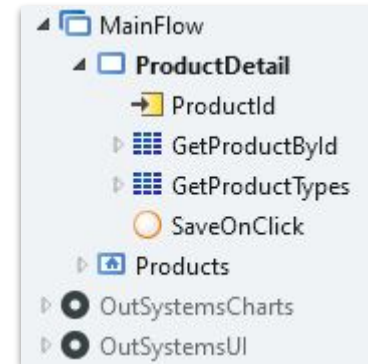
Save

Displaying and Editing a Record

- Fetch data from the database and display it on Screen
- Input Widgets allow end-user to add / change the data

The form is titled 'Name' and contains the following fields:

- Name:** A single-line text input field.
- Description:** A multi-line text area.
- Price:** A single-line text input field.
- Available Since:** A single-line text input field with a placeholder 'mm/dd/yyyy'.
- Has Stock:** A toggle switch, currently turned off.
- Product Type:** A dropdown menu with 'Electronics' selected.
- Save:** A black button with white text.



Displaying and Editing a Record

- Fetch data from the database and display it on Screen
- Input Widgets allow end-user to add / change the data

1 Name

2 Description

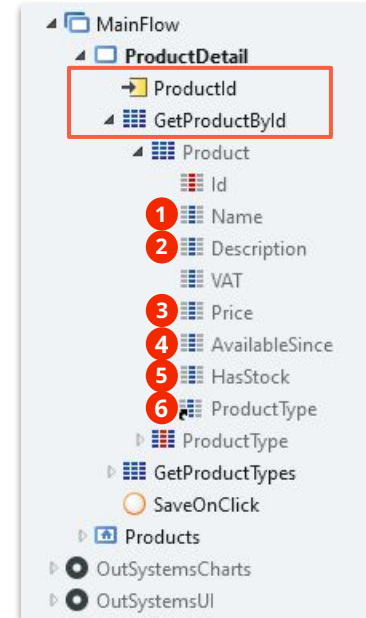
3 Price

4 Available Since

5 Has Stock

6 Product Type

Save



Input Widgets



Input



Radio Group



Button Group



Dropdown



Text Area



Checkbox



Switch

Input and Text Area

Input expects text, numbers and dates

Name *

Price *

Available Since *

Text Area is a multi-line field that expects text

Description *

Hand sanitizer to help decrease bacteria on the skin, Use when water, soap and towel are not available. Recommended for repeated use.



Radio Group and Button Group

Radio Group expects a group of radio buttons that provides a small number of options for the user to choose from

Low
Medium
High

Button Group expects a group of buttons that provides a small number of options for the user to choose from

Low Medium High

Low Medium High

Checkbox and Switch

Checkbox allows a user to check or uncheck an option



Switch is a toggle control that allows a user selecting between two options



Dropdown

Displays a List of records from which a user can select a value



Product Type

Cleaning ^

Electronics

Stationery

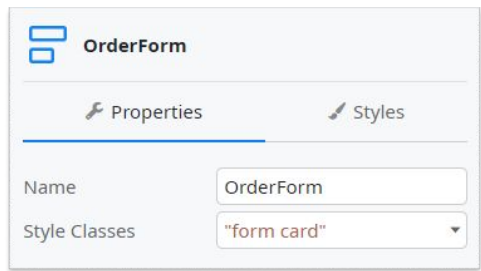
Books

Videos

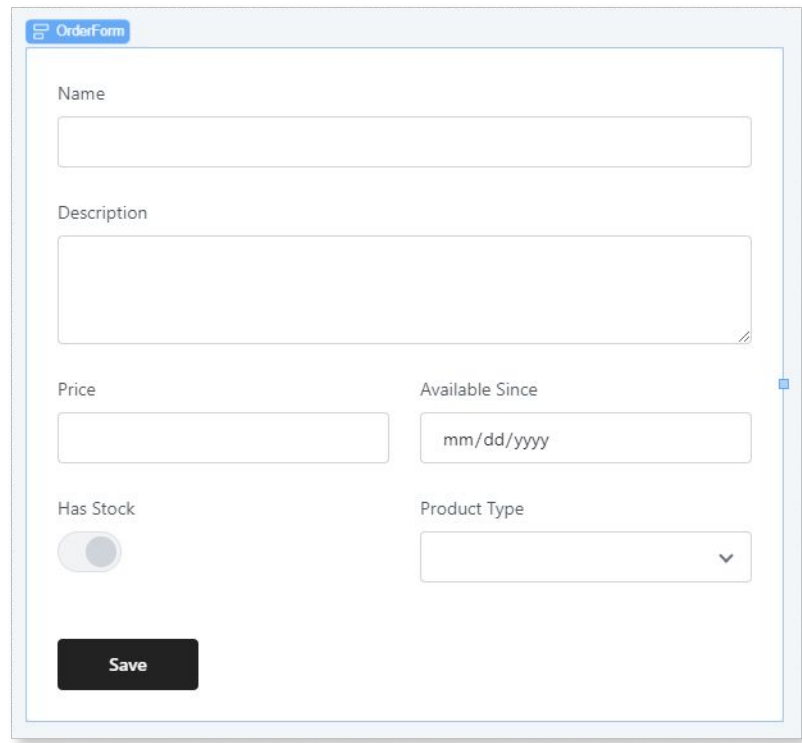
Cleaning

Form

1. Groups input widgets together
2. Useful to validate user data



The image shows a 'Properties' panel for a widget named 'OrderForm'. It has two tabs: 'Properties' (selected) and 'Styles'. Under the 'Properties' tab, there are two fields: 'Name' with the value 'OrderForm' and 'Style Classes' with the value 'form card'.



The image shows a user interface for an 'OrderForm'. It contains the following fields and controls:

- Name:** A text input field.
- Description:** A large text area.
- Price:** A text input field.
- Available Since:** A text input field with a date mask 'mm/dd/yyyy'.
- Has Stock:** A toggle switch.
- Product Type:** A dropdown menu.
- Save:** A black button with white text.

Where is the Data?

1. All input widgets have a Variable property
2. The value in each input field will be stored in the Variable

The screenshot displays a form editor interface. On the left, a form layout includes a text input field with a blue label 'Input_Name' and a 'Description' label above a larger text area. On the right, a properties panel for the 'Input_Name' widget is shown. The panel has two tabs: 'Properties' (selected) and 'Styles'. The 'Properties' tab contains the following settings:

Property	Value
Name	Input_Name
Variable	GetProducts.List.Current.Product.Name
Prompt	
Input Type	Text
Max. Length	50
Mandatory	True
Enabled	True
Style Classes	"form-control"

A: Label

1. Displays text to describe an input field
2. Input Widget property creates an association with the selected input field
3. Provides a visual cue when associated with a mandatory field

The image shows a form and its configuration panel. The form has two input fields: 'Name' and 'Last Name'. The 'Name' field is highlighted with a red box and contains the text 'Flash cleaning product'. The 'Last Name' field is empty. The configuration panel on the right shows the 'A: Label' widget with the 'Input Widget' property set to 'Input_Name'.

Name *

Flash cleaning product

A: Label

Name

Last Name

Input Widget

Input_Name

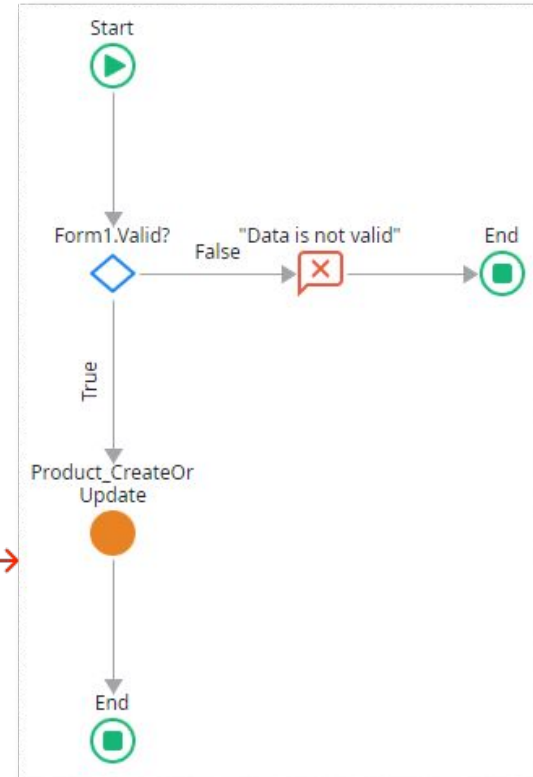
Submitting the Data

1. A Form can also have other widgets
2. A Link / Button can trigger a Screen Action

The form contains the following elements:

- Price:** A text input field.
- Available Since:** A date input field with a calendar icon and the placeholder text "mm/dd/yyyy".
- Has Stock:** A toggle switch.
- Product Type:** A dropdown menu with "Eletronics" selected.
- Save:** A black button with white text.

A red arrow points from the "Save" button to the "Product_CreateOr Update" action in the flowchart.



Questions?



Thank You!

