# Unlimited development with WorkWithPlus

## Power, 100% flexibility and 4x productivity

MSc. Eng. Sofía Maiolo - CCO (Chief Commercial Officer)
smaiolo@workwithplus.com

# Agenda

Introduction to WorkWithPlus Flexibility

Using WorkWithPlus with a custom design

How WorkWithPlus increases productivity

WorkWithPlus User Controls

Templates

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- Introduction to WorkWithPlus Flexibility
- Using WorkWithPlus with a custom design
- How WorkWithPlus increases productivity
- WorkWithPlus User Controls
- Templates & Components

# Standardization, with 100% flexibility, always

WorkWithPlus is conceived to provide **always 100% flexibility** and **adapt to any project.** You can create any application with any design system and any layout, **in record time.**

# Agenda

Introduction to WorkWithPlus Flexibility

Using WorkWithPlus with a custom design

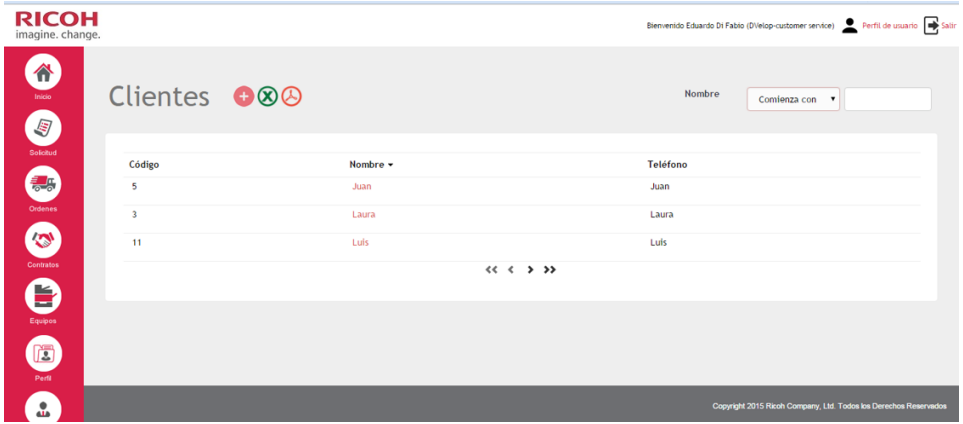
How WorkWithPlus increases productivity

WorkWithPlus User Controls

Templates  & Components

# Use WorkWithPlus with any design

## Case study 1 :: RICOH (Mexico City Branch)




### 1 - Run the Design System Wizard

Select a base design.

### 2 - Customize the WorkWithPlus objects

Customize the necessary objects: master page & design system object

### 3 - Create custom templates

Create templates to automate the creation of custom layouts.

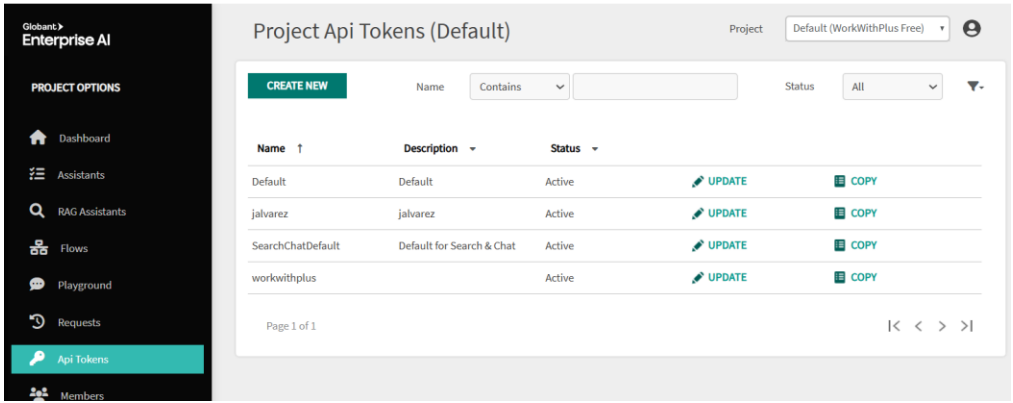
# The product used by GeneXus team

## The selection of GeneXus development team

WorkWithPlus enables to create any kind of design and application. This is why GeneXus development team uses WorkWithPlus to develop their brand-new product Globant Enterprise AI

# Use WorkWithPlus with any design

## Case study 2 :: Globant Enterprise AI

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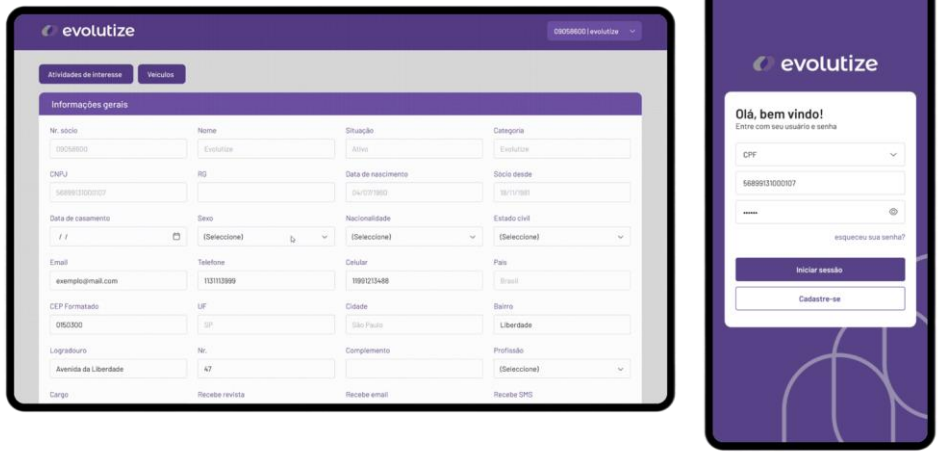
# Use WorkWithPlus with any design

## Case study 3 :: Evolutize (Brazilian ERP)







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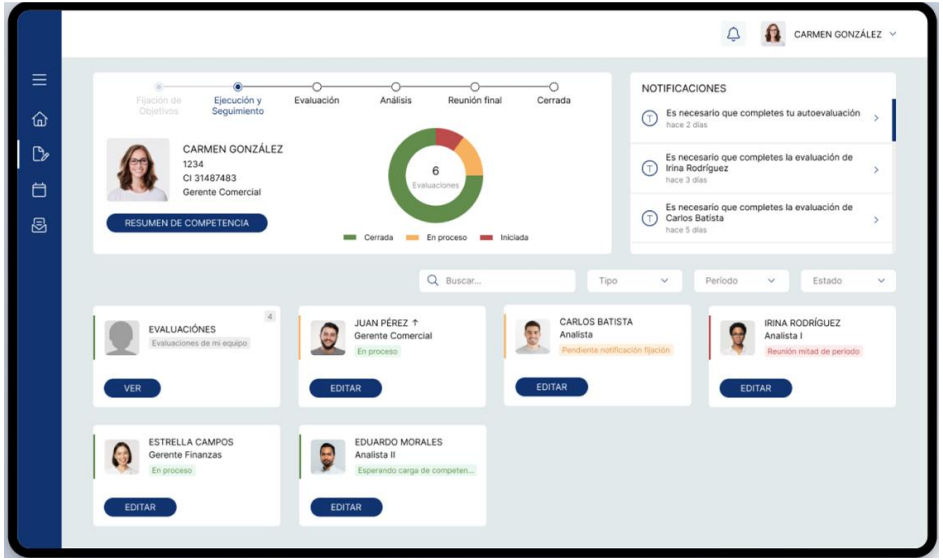
# Use WorkWithPlus with any design

## Case study 4 :: Uruguay Central Bank (BCU)

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# ...and other success stories!

Many customers in the every industry are using WorkWithPlus to develop custom designs.

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How WorkWithPlus increases productivity

WorkWithPlus User Controls

Templates  & Components

# Why WorkWithPlus boosts productivity?

### Hierarchical declaration & real -time preview
Save compilation and deploy time with our editor. Use design shortcuts.

### Automation
Automate the creation of rules, conditions, event blocks, etc. Avoid repetitive tasks.

### Out-of-the-box features
Easily add powerful features to empower final users. Filters, Grid Empowerment, and much more!

### Built-in modules
Use our built-in modules to solve complex problems. Multi-tenant, discussions, dynamic forms, etc.

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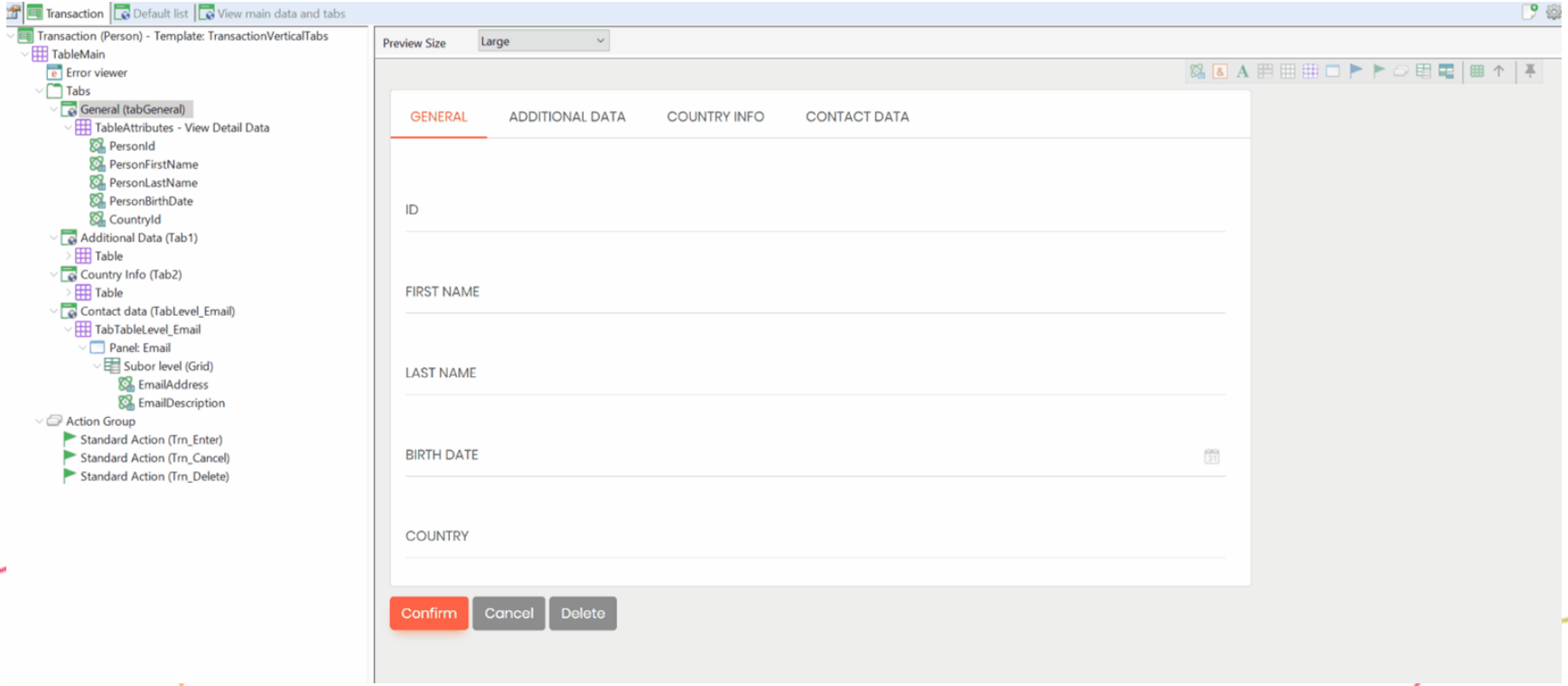
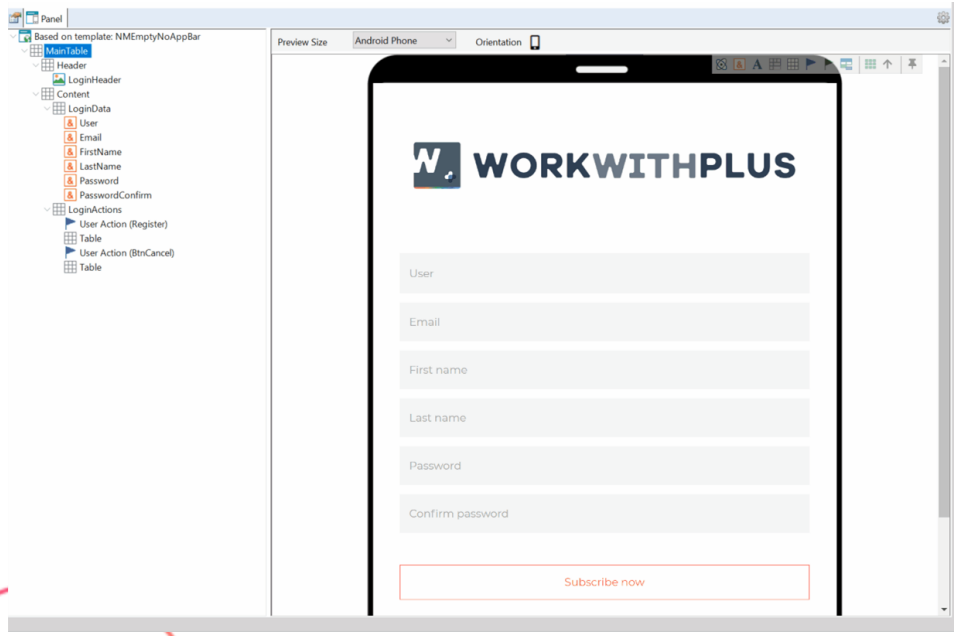
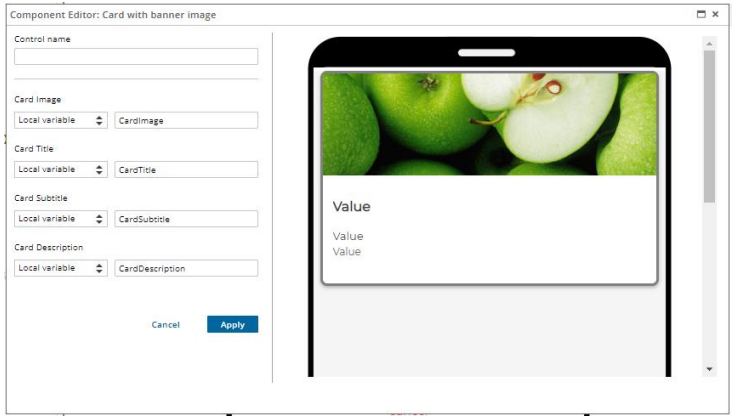


# Hierarchical declaration & real-time preview

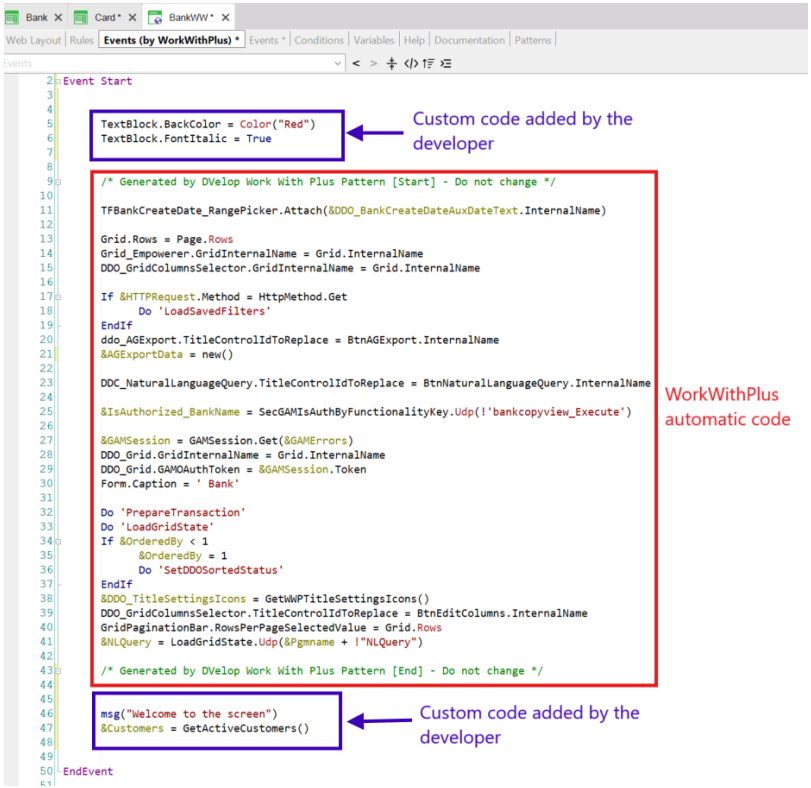
## The same developer experience for web, native mobile and angular (soon)



# Add User Code

You can add your own custom code in the objects generated by WorkWithPlus.



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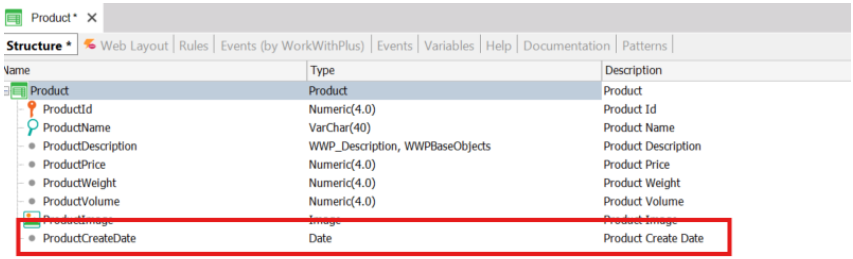
# Automation

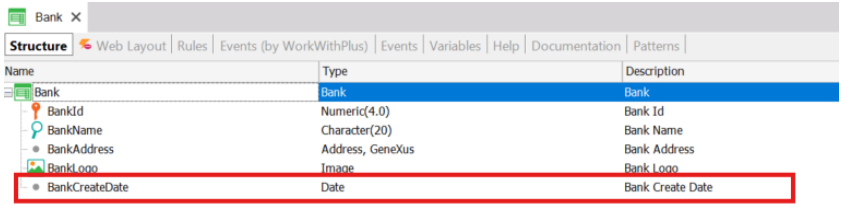
Use templates to automate the creation of rules, conditions, event blocks, etc. Avoid repetitive tasks.

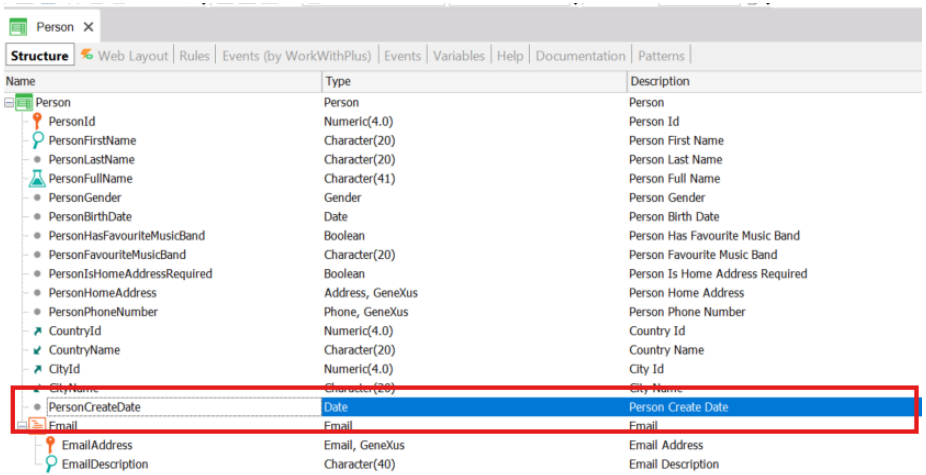
- Event Blocks
- Automatic Rules
- Automatic Conditions
- Variables Definitions
- Conditional attribute formatting/grouping/exclusion
- & much more!

# Automation :: Automatic Rules

## Use Automatic Rules to avoid adding repetitive rules to your transactions.



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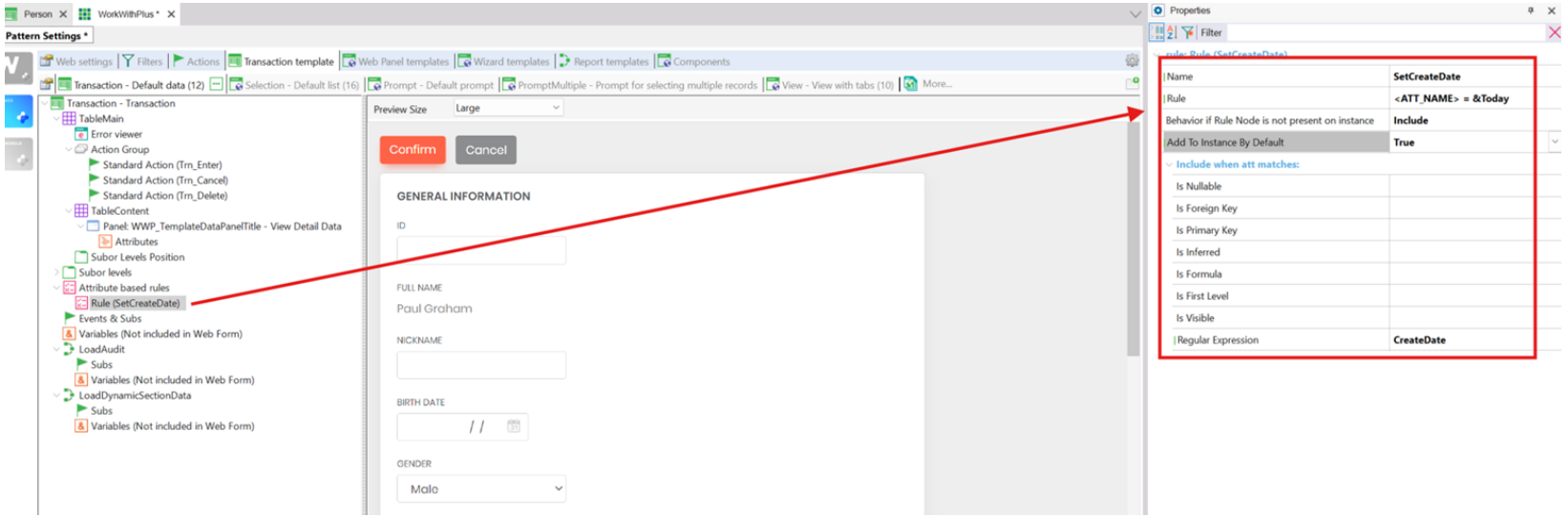
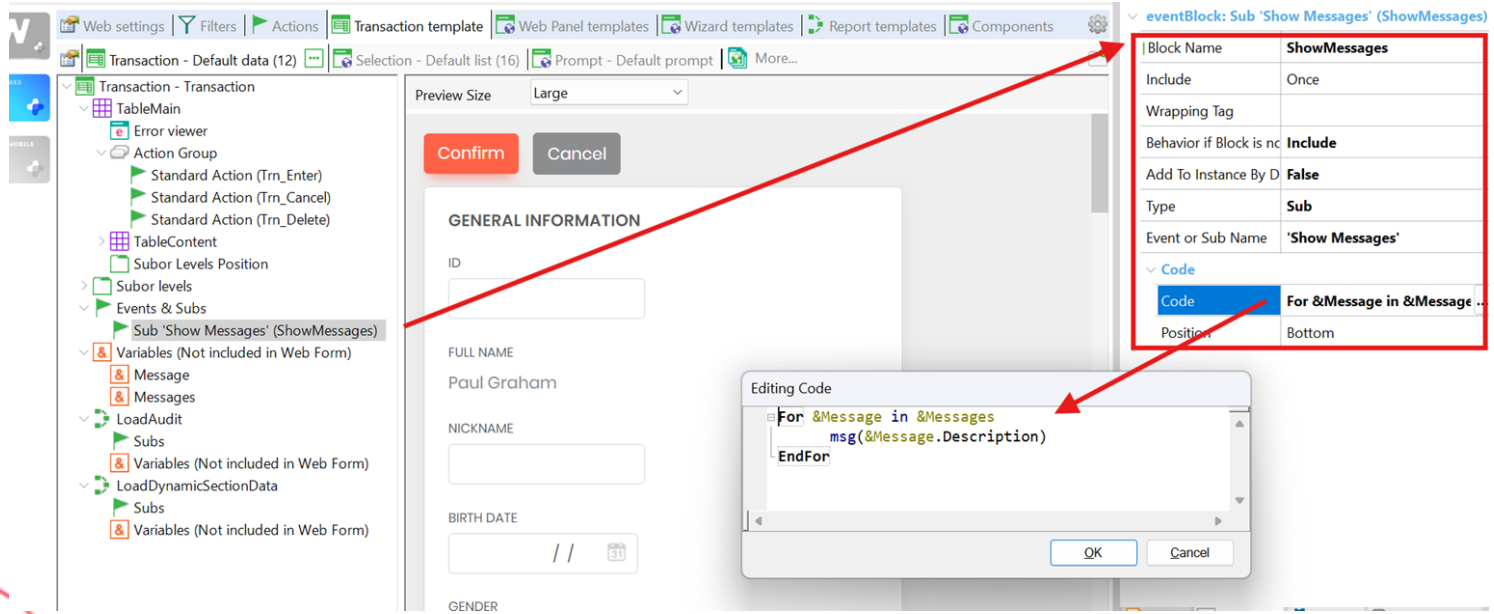


# Automation :: Event Blocks

Use templates to automate the creation of repetitive code in the standard Events (Start, Refresh, etc.) or your own Event/Subs.



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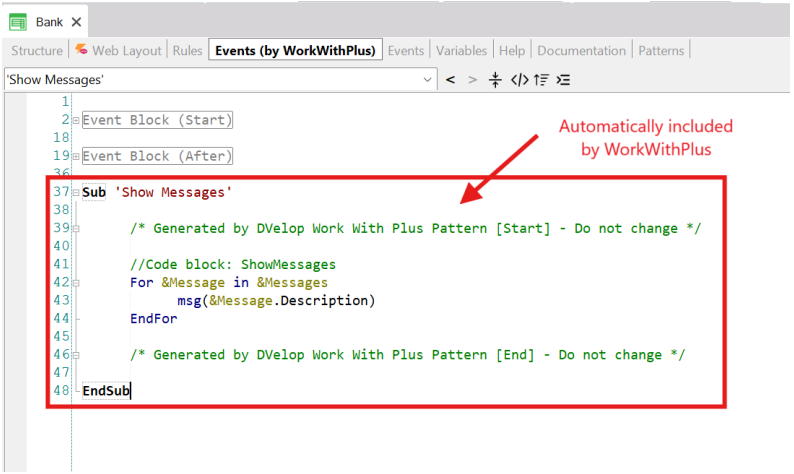


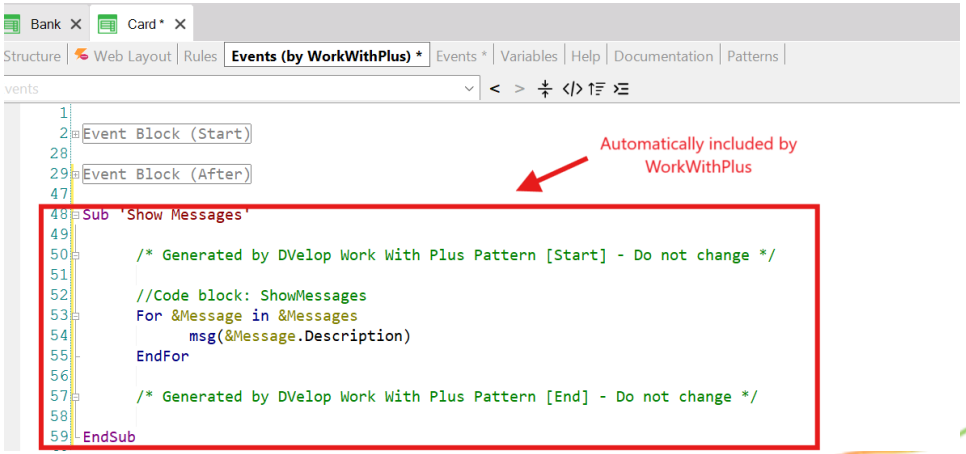

# Automation :: Conclusions

Use templates to automate the creation of rules, conditions, event blocks, etc. Avoid repetitive tasks.

Boost productivity & avoid repetitive tasks

Create applications that are easier to evolve & maintain

Standardize your development & avoid human errors

# Why WorkWithPlus boosts productivity?

### Hierarchical declaration & real -time preview
Save compilation and deploy time with our editor. Use design shortcuts.

### Automation
Automate the creation of rules, conditions, event blocks, etc. Avoid repetitive tasks.

### Out-of-the-box features
Easily add powerful features to empower final users. Filters, Grid Empowerment, and much more!

### Built-in modules
Use our built-in modules to solve complex problems. Multi-tenant, discussions, dynamic forms, etc.

# Out-of-the-box features

Easily add powerful features to empower final users. Filters, Grid Empowerment, and much more!

- Grid Empowerment
- Filters & Orders
- Expanded Grid
- Conditional Formatting
- Runtime Grouping Columns
- & much more!

# Out-of-the-box features :: Grid Empowerment

## Select & reorder columns, adjust the width, fix columns, etc. Enable it with just one-click.

PERSON

HOME

Insert | Excel | PDF | Select columns | Subscriptions | Search

| First Name | Last Name | Full Name | Nick Name | Gender | Birth Date | Music Band | Music Band | Hobby | Address Required | Home Address | Photo | Company Id | Company Name | Create Date | Create U |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anne | Lookman | Lookman Anne | Annie | Female | 05/05/19 | ☑ | Adele | Go to cinema | ☑ | Av. Italia 6201 | | 6 | Salto Grande | 01/08/21 12:00 AM | admin |
| Flavia | Morgan | Morgan Flavia | Flav | Female | 10/31/20 | ☑ | Once Tiros | Go to cinema | ☐ | Av. Brasil 2897 | | 2 | GeneXus | 12/17/20 12:00 AM | visitor |
| Henry | Muller | Muller Henry | Henry | Male | 03/20/20 | ☑ | The Beatles | Play Football | ☐ | Ramon Anador 6734 | | 2 | GeneXus | 12/07/20 12:00 AM | admin |
| Johanne | Petersons | Petersons Johanne | Johannie | Female | 07/28/20 | ☑ | Rolling Stones | Play tennis | ☐ | Comercio 6789 | | 3 | 3M | 12/25/20 12:00 AM | visitor |
| Lauren | Herrera | Herrera Lauren | Laurie | Female | 10/31/20 | ☑ | Once Tiros | Go to cinema | ☐ | Av. Brasil 2897 | | 1 | Dvelop | 12/17/20 12:00 AM | visitor |
| Leif | Herrera | Herrera Leif | Leif | Male | 06/11/19 | ☑ | Árbol | Go to park | ☐ | Cavia 6745 | | 1 | Dvelop | 12/15/20 12:00 AM | admin |
| Mary | Green | Green Mary | Mar | Female | 05/05/19 | ☑ | U2 | Go to cinema | ☑ | Av. Italia 6201 | | 9 | Summum | 01/08/21 12:00 AM | admin |
| Michael | Lopez | Lopez Michael | Mikey | Male | 07/08/20 | ☑ | Metalica | Watch Football | ☐ | Gestido & Soca | | 4 | Disco | 12/16/20 12:00 AM | smaiolo |
| Paul | Hoover | Hoover Paul | Pol | Male | 03/20/20 | ☑ | The Beatles | Play Cards | ☐ | Ramon Anador 6734 | | 2 | GeneXus | 12/07/20 12:00 AM | admin |
| William | Rosen | Rosen William | Willy | Male | 03/20/20 | ☑ | The Beatles | Play Cards | ☐ | Ramon Anador 6734 | | 5 | IBM | 12/07/20 12:00 AM | admin |

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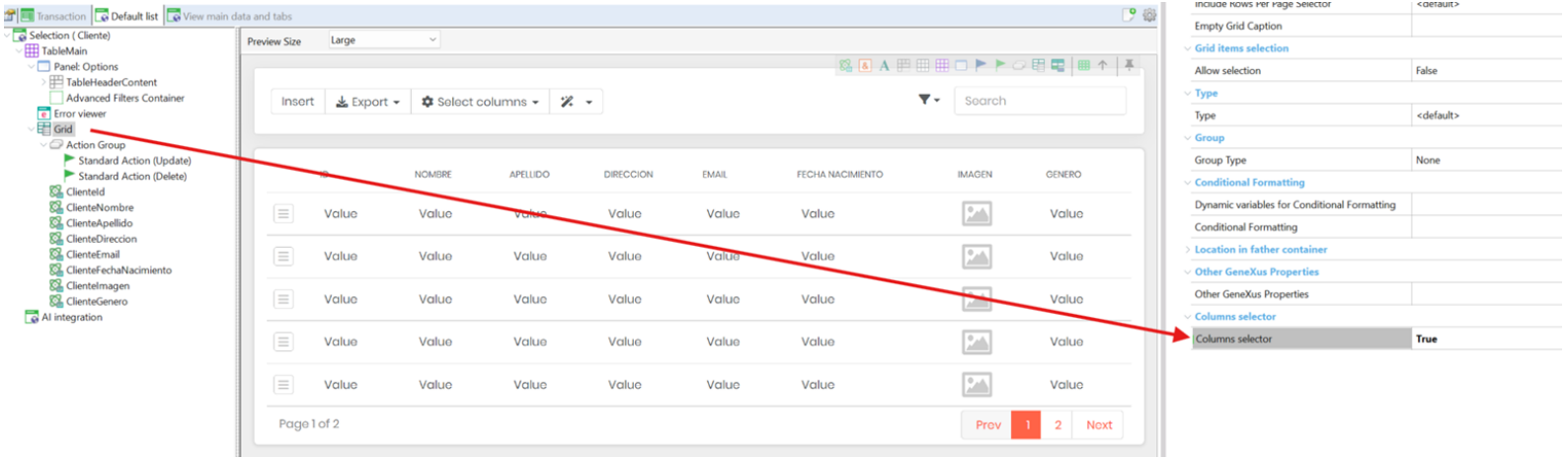
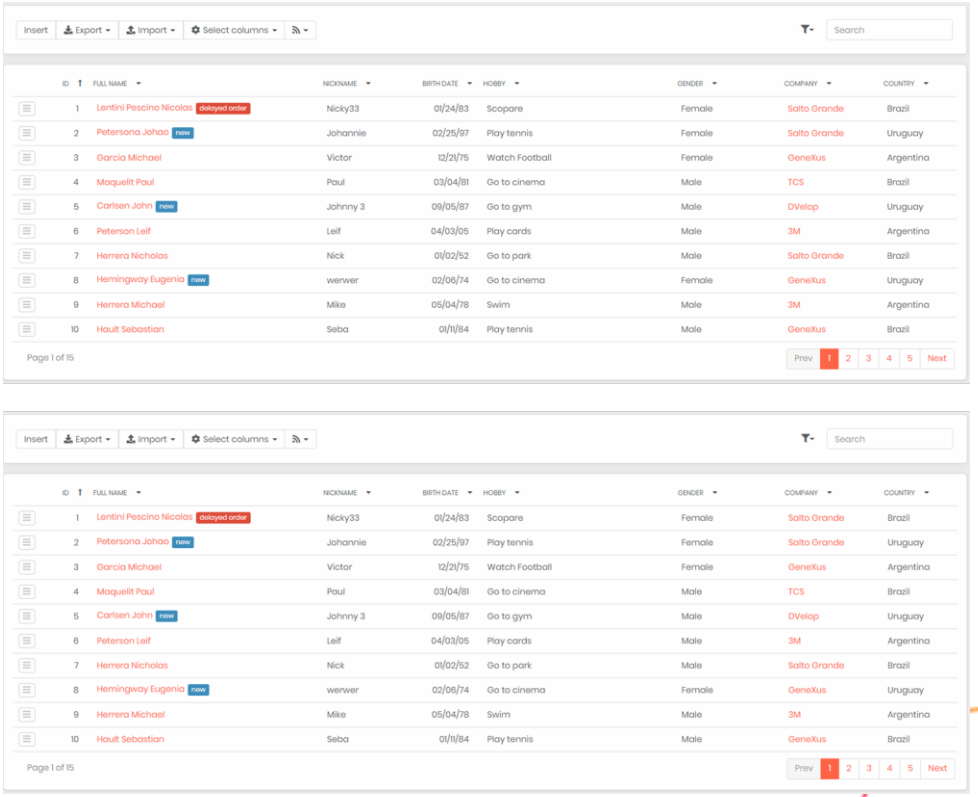


# Out-of-the-box features :: Filters

WorkWithPlus includes different type of filters: full text, advanced filters, columns filters, etc.

| ID | FULL NAME | NICKNAME |
|---|---|---|
| 1 | Lentini Pescino Nicolas delayed order | Nicky33 |
| 2 | Petersona Johao new | Johannie |
| 3 | Garcia Michael | Victor |
| 4 | Maquelit Paul | Paul |
| 5 | Carlsen John new | Johnny 3 |
| 6 | Peterson Leif | Leif |
| 7 | Herrera Nicholas | Nick |
| 8 | Hemingway Eugenia new | werwer |
| 9 | Herrera Michael | Mike |
| 10 | Hault Sebastian | Seba |



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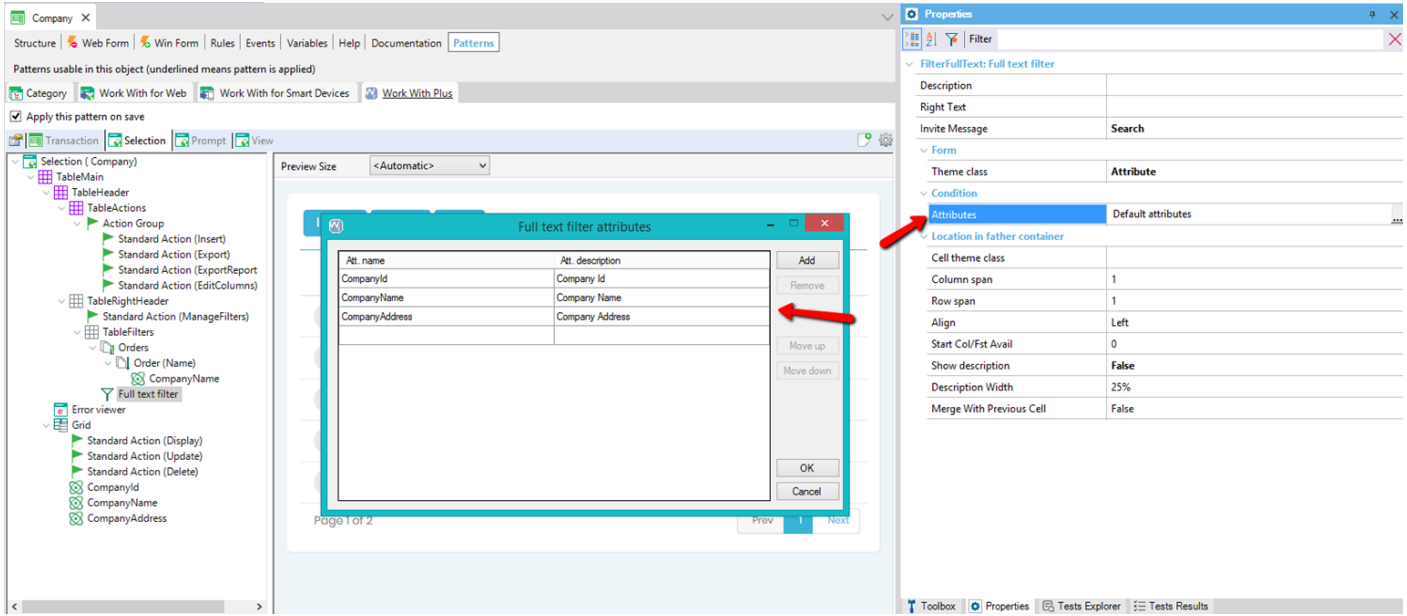

# Out-of-the-box features :: Conditional Formatting

Format your records and rows according to conditions. Define different styles and set conditions dynamically.

ACCOUNT

Insert | Export | Select columns | Search

| ID | BANK ID | BANK NAME | BALANCE | PERSON ID | PERSON FULL NAME | CURRENCY ID | CURRENCY DESCRIPTION | LAST TRANSACTION | CREATE DATE | CANCELED |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | Santander | 2000000.00 Gold User | 1 | Rosen William | ARS | Argentina Pesos - ARS | 2 | 08/31/23 | |
| 2 | 3 | BBVA | 2000000.00 Gold User | 1 | Rosen William | ARS | Argentina Pesos - ARS | 2 | 08/31/23 | |
| 3 | 1 | Santander | 1000000.00 Platinum User | 2 | Petersons Johanne | ARS | Argentina Pesos - ARS | 2 | 08/31/23 | |
| 4 | 3 | BBVA | 100000.00 Silver User | 1 | Rosen William | DZD | Algeria Dinars - DZD | 2 | 08/31/23 | |
| 7 | 2 | Itau | 500000.00 Platinum User | 6 | Herrera Lauren | AUD | Australia Dollars - AUD | 2 | 08/31/23 | |
| 8 | 4 | Scotia Bank | 100000.00 Silver User | 9 | Lopez Michael | BBD | Barbados Dollars - BBD | 2 | 08/31/23 | |
| 9 | 2 | Itau | 300000.00 Silver User | 7 | Rosen William | CNY | China Yuan Renminbi - CNY | 2 | 08/31/23 | |
| 10 | 3 | BBVA | 40000.00 | 10 | Lookman Anne | BBD | Barbados Dollars - BBD | 2 | 08/31/23 | |
| 12 | 1 | Santander | 60000.00 | 2 | Petersons Johanne | AFN | Afghanistan Afghanis - AFN | 2 | 08/31/23 | |
| 13 | 1 | Santander | 4000.00 | 2 | Petersons Johanne | BBD | Barbados Dollars - BBD | 2 | 08/31/23 | |

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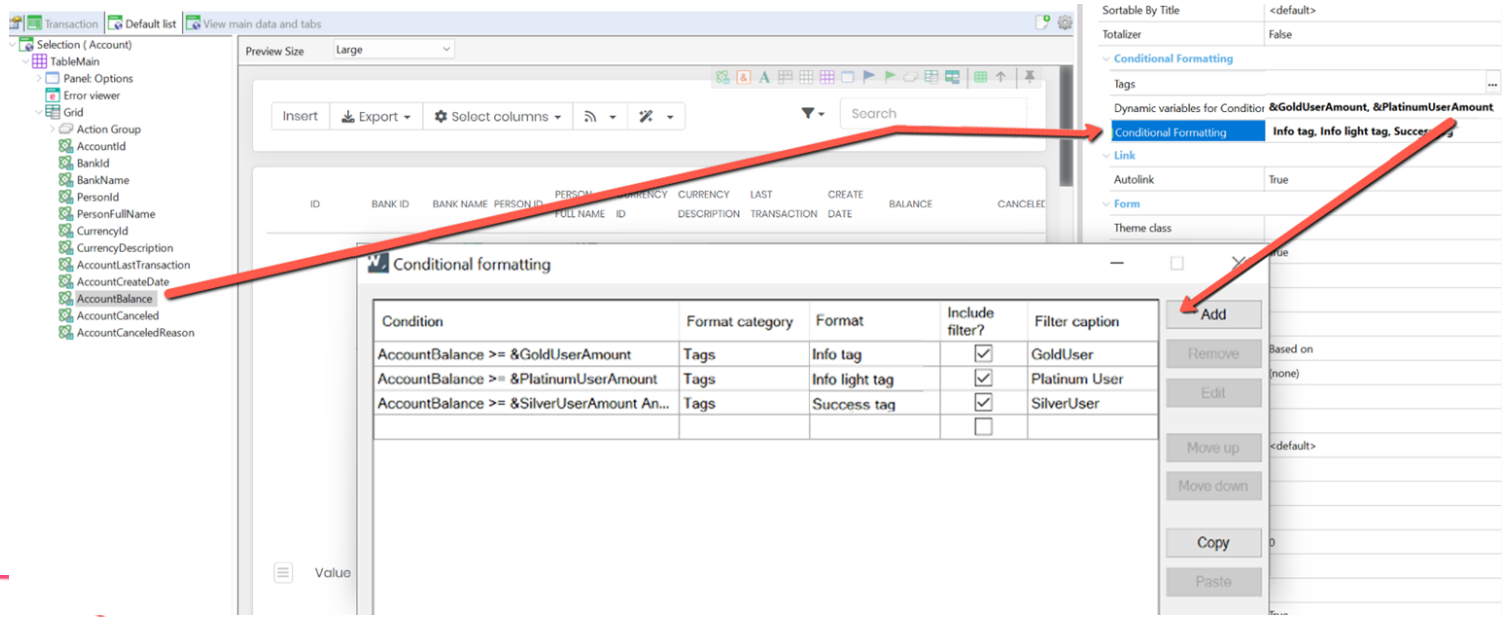
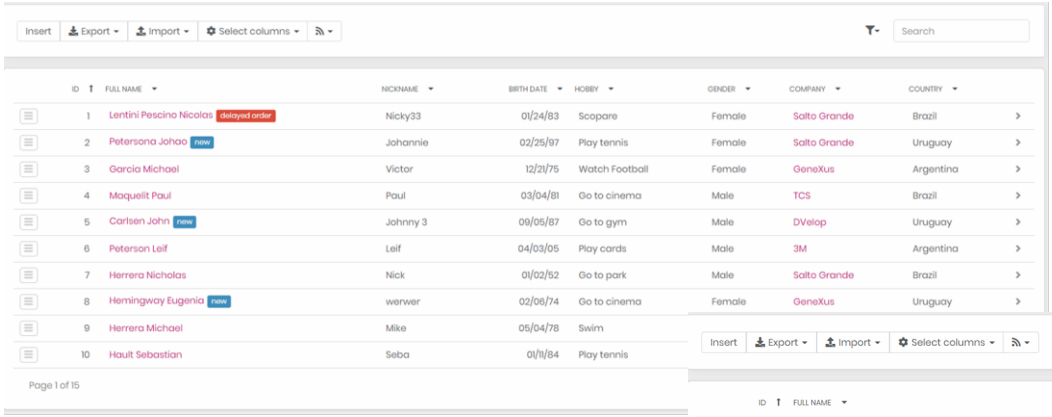
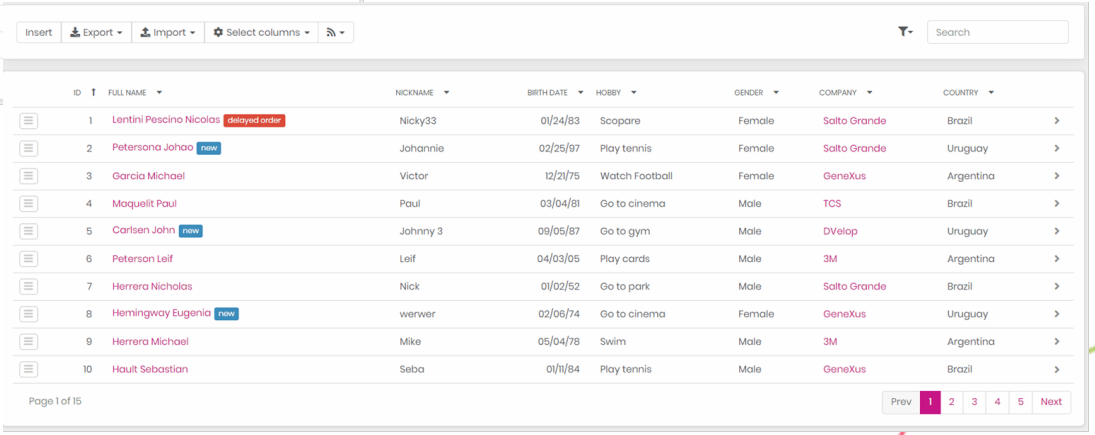


# Out-of-the-box features :: Expanded Grid

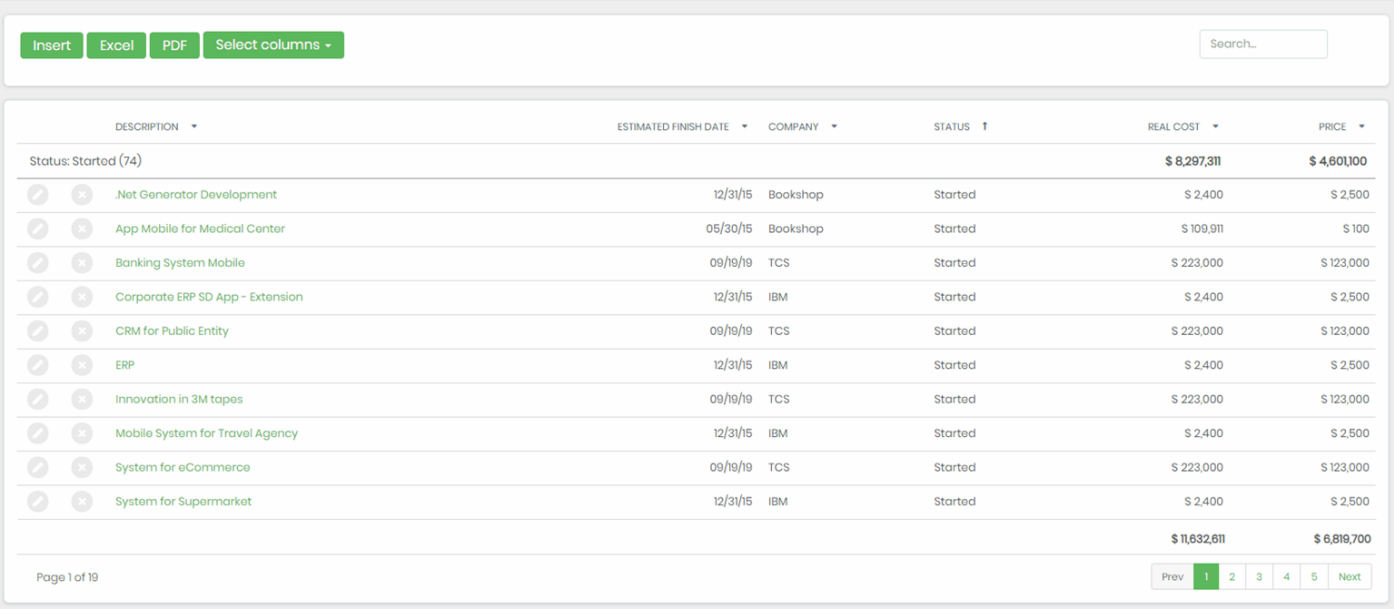
## Expand the information of your records and create amazing user experiences



# Out-of-the-box features :: Grouping Columns

## Dynamically group your records according to different attributes



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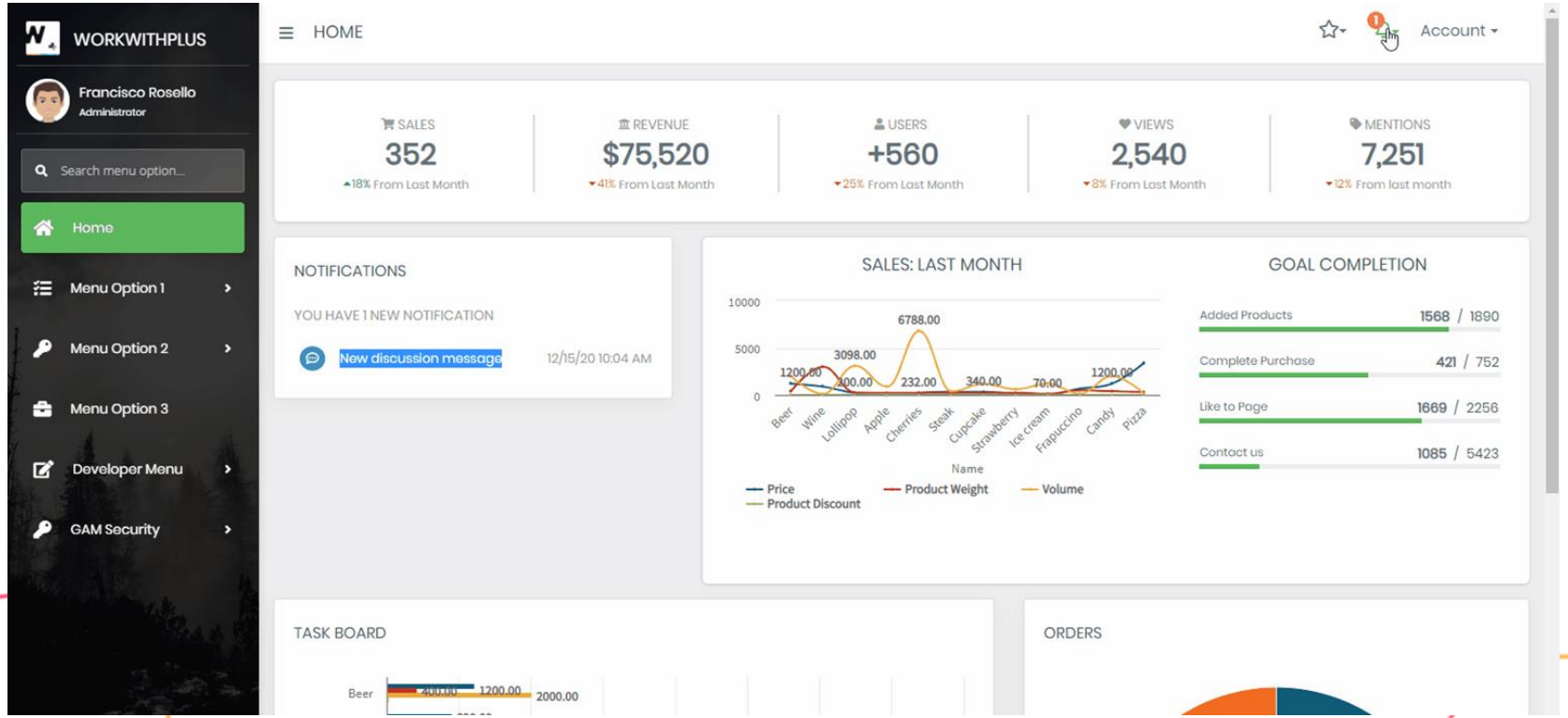
# Built-in Modules

Use our built-in modules to solve complex problems. Multi-tenant, discussions, dynamic forms, etc.

- Discussions
- Notifications & subscriptions
- Dynamic forms
- Dynamic sections
- WorkWithPlus AI
- & much more!

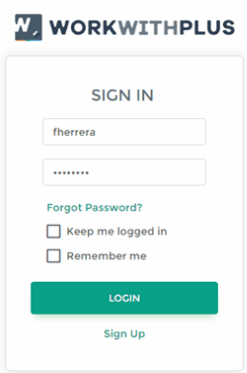
# Built-in Modules :: Discussions

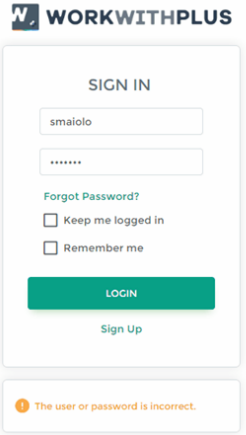
## Enable dynamic and integrated communication in your application



# Built-in Modules :: Notifications & Subscriptions

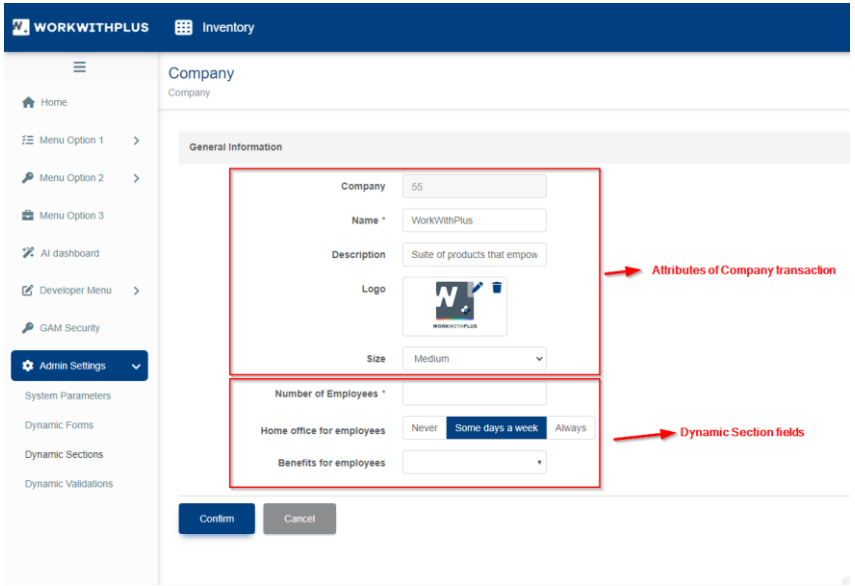
## Create alerts for important events and keep your users notified

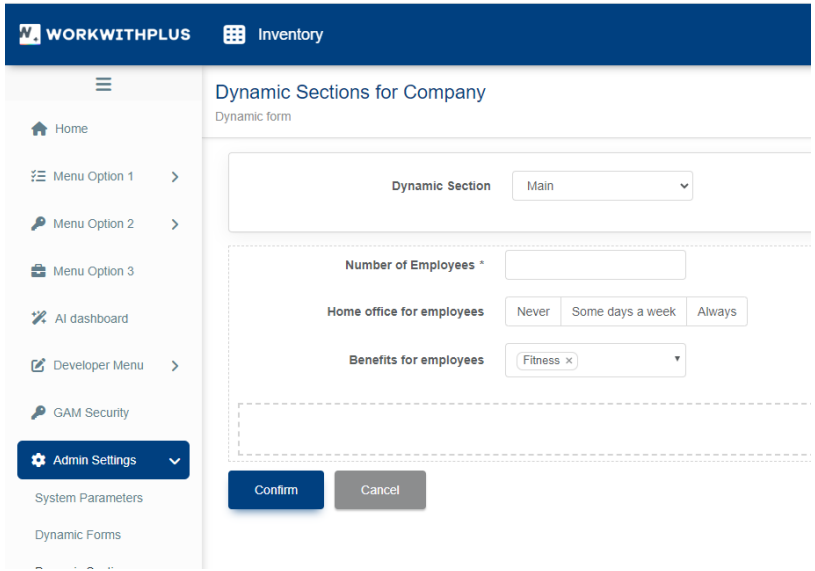


# Built-in Modules :: Dynamic Sections

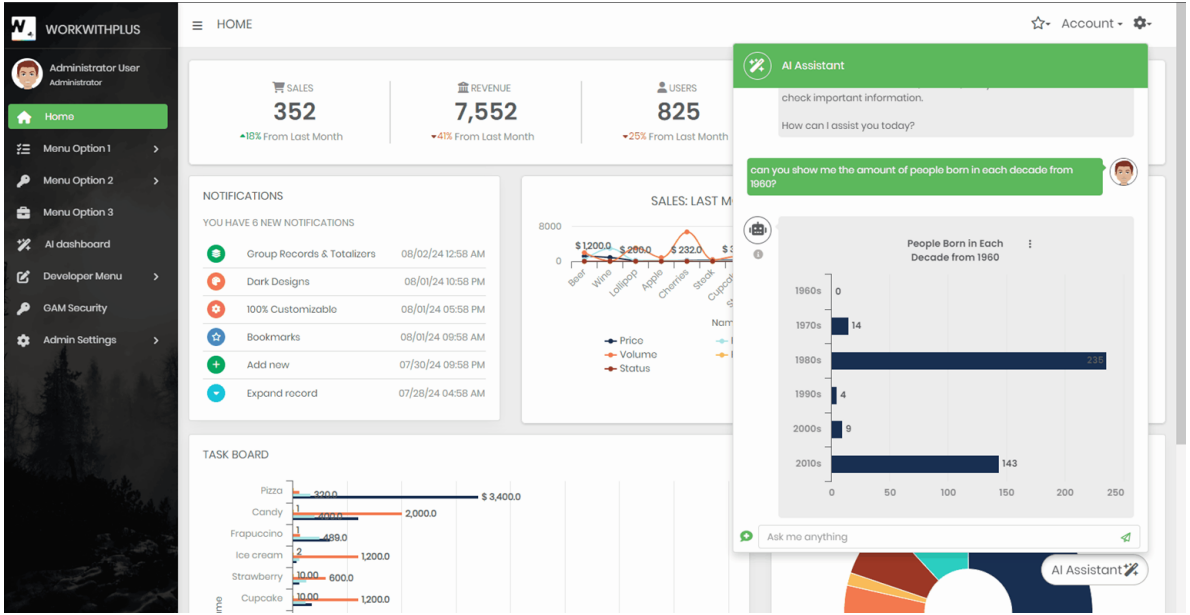
## Add dynamic attributes in your transactions and forms.



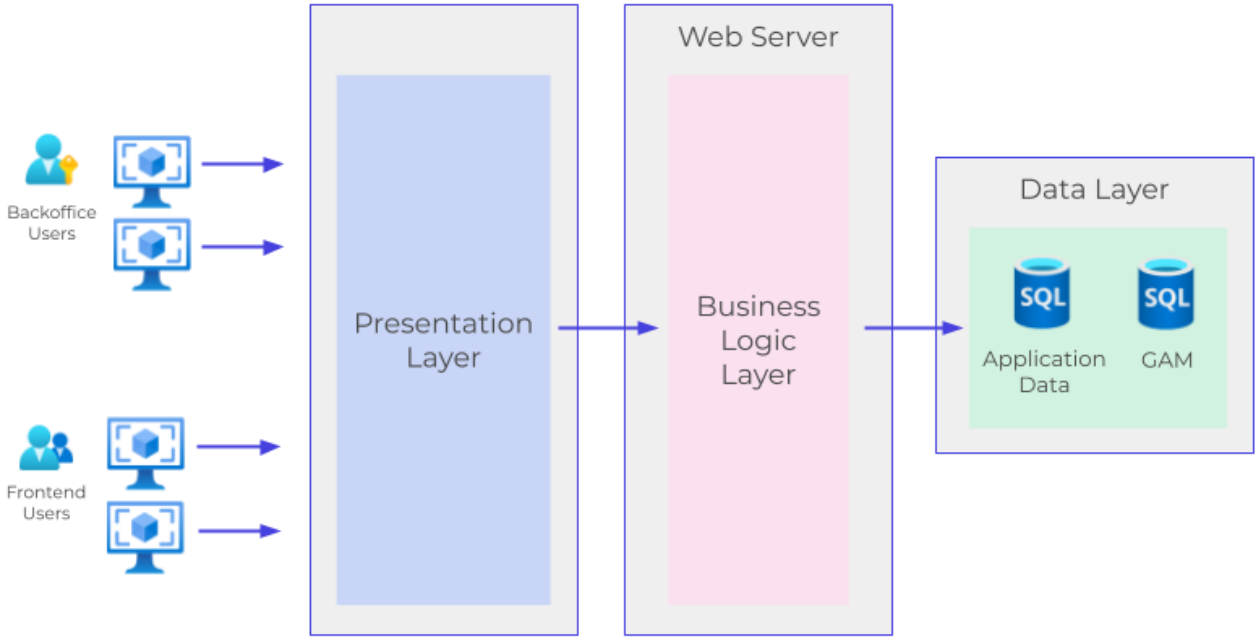
# Built-in Modules :: WorkWithPlus AI

## Elevate your UX & development process with ready to use AI empowered features.



# Built-in Modules :: Service Layer

## Generate 3 - layers application in the fastest way



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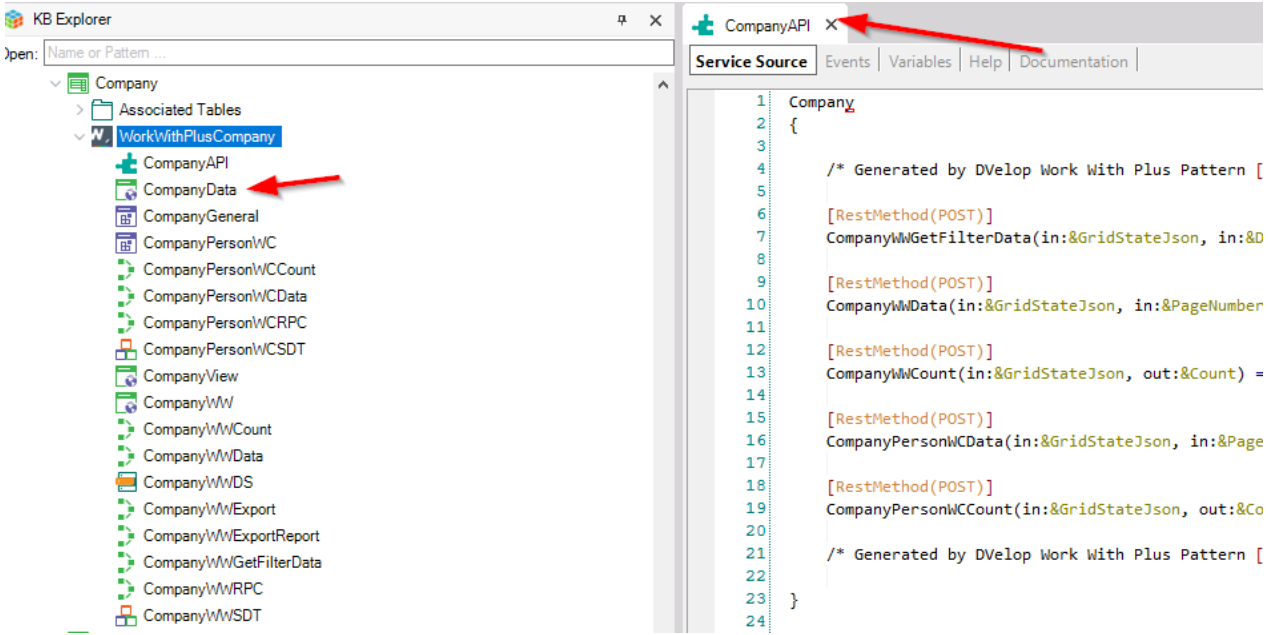
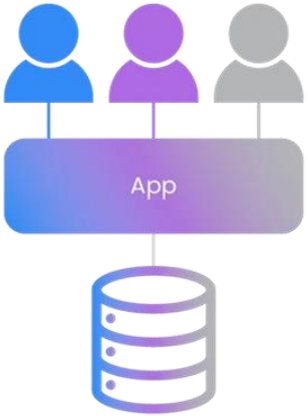
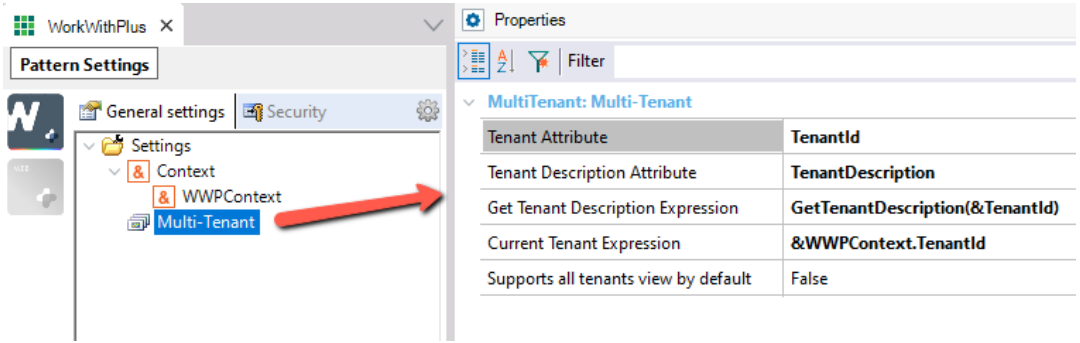


# Built-in Modules :: Multi-Tenant Applications

## Simplify the generation of multi-tenant applications



# Agenda

Introduction to WorkWithPlus Flexibility

Using WorkWithPlus with a custom design

How WorkWithPlus increases productivity

WorkWithPlus User Controls

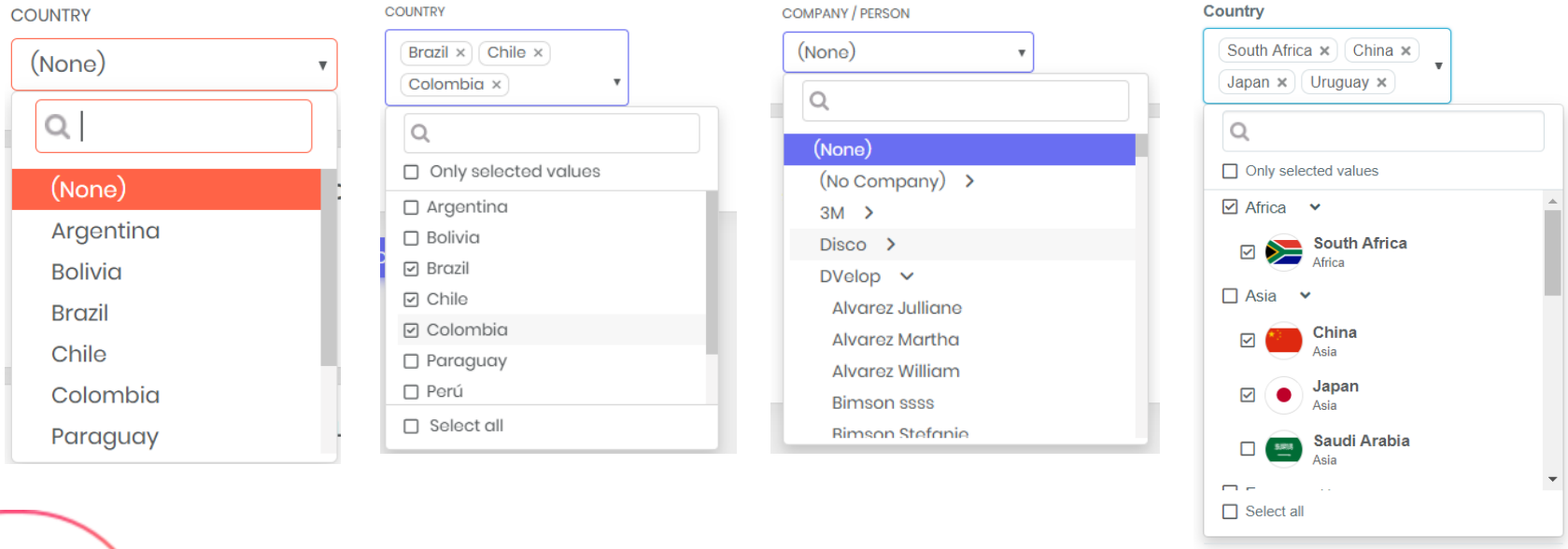
Templates  & Components

# WorkWithPlus User Controls

- Extended Combo
- Confirmation Panel
- Font Icons
- Date Range Picker
- Dynamic Web Canvas
- Image Zoom
- WorkWithPlus Message
- Collapsible Panel
- Charts & Progress Indicator
- & much more!

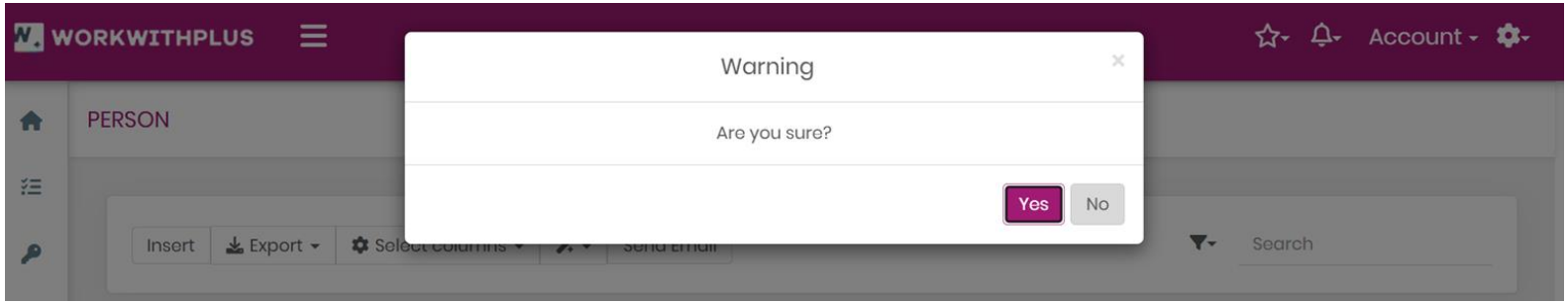
# User Controls :: Extended Combo

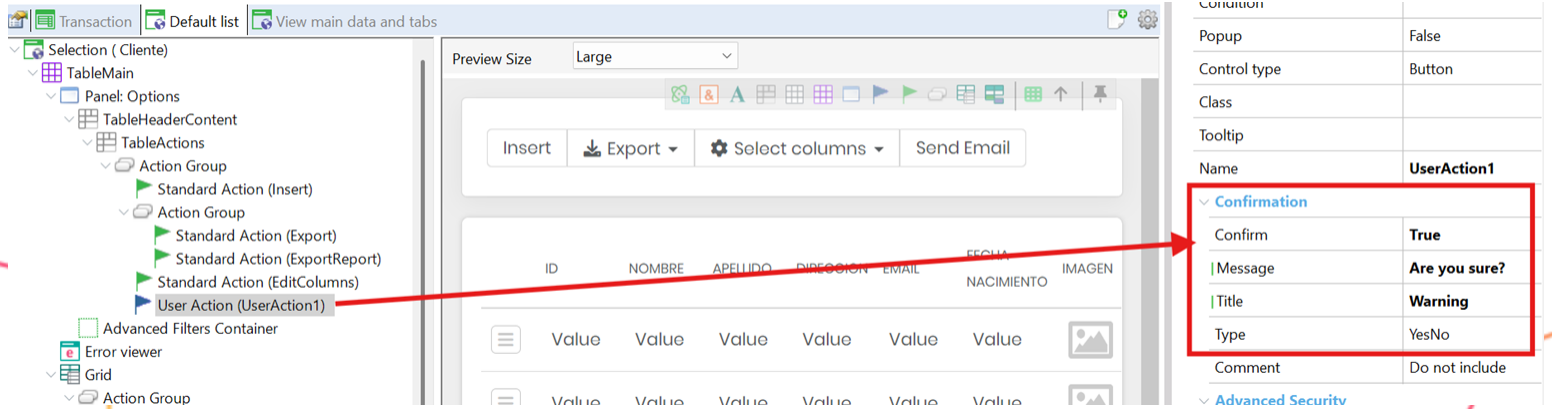
An advanced combo to visualize your data. Automatically added for Foreign Keys.



# User Controls :: Confirm Panel

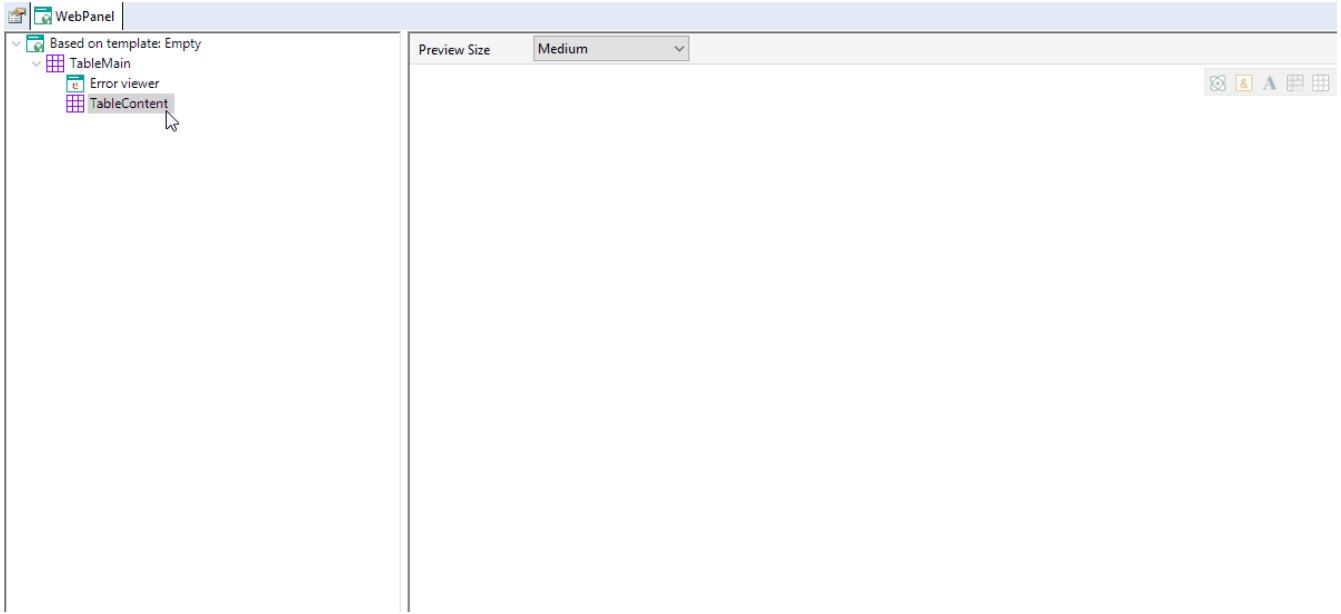
## Add confirm panel to actions.



# User Controls :: Font Icons

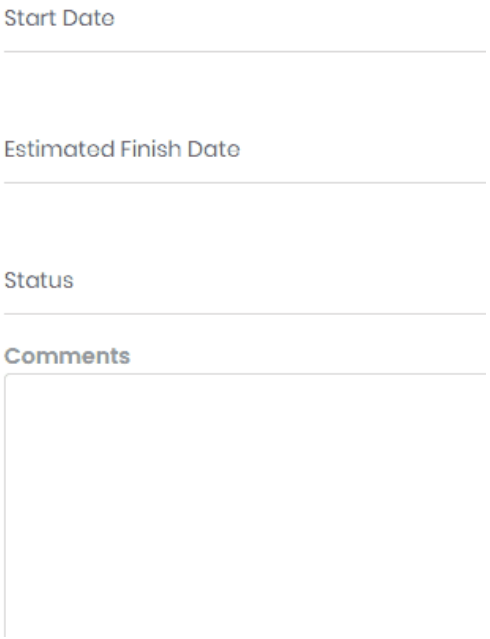
## Add Font Awesome icons easily from WorkWithPlus hierarchical declaration



# User Controls :: Date Range Picker

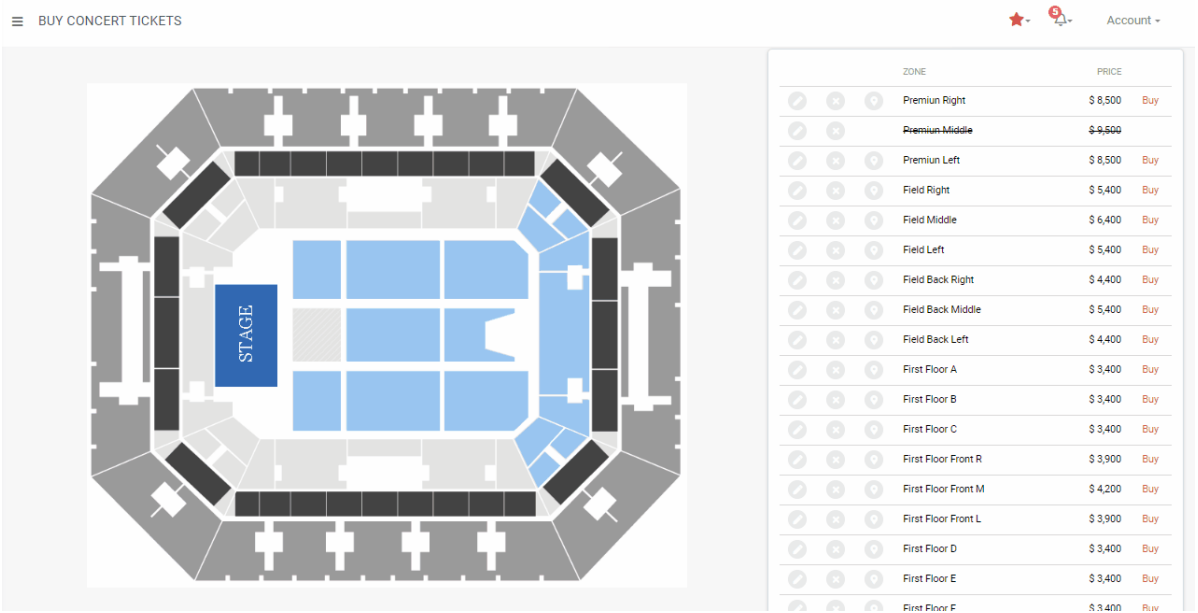
Add an extended date picker to improve UX of your date fields for filters and forms.

| BIRTH DATE | GENDER | FULL NAME |
|---|---|---|
| 01/24/83 | Male | Friedman2 Nicolas delayed order new |
| 02/25/97 | Male | Peterson Johao new |
| 12/21/75 | Male | Garcia Michael |
| 03/04/81 | Male | McCloney Paul |
| 09/05/87 | Male | Carlsen John new |
| 04/03/75 | Male | Herrera Leif |
| 01/02/52 | Male | Herrera Nicholas |
| 02/06/74 | Female | Hemingway Eugenia |
| 05/04/78 | Male | Herrera Michael new |
| 01/11/84 | Male | Hault Sebastian |



# User Controls :: Dynamic Web Canva

## Create great interactions within your images and improve UX



# Agenda

Introduction to WorkWithPlus Flexibility

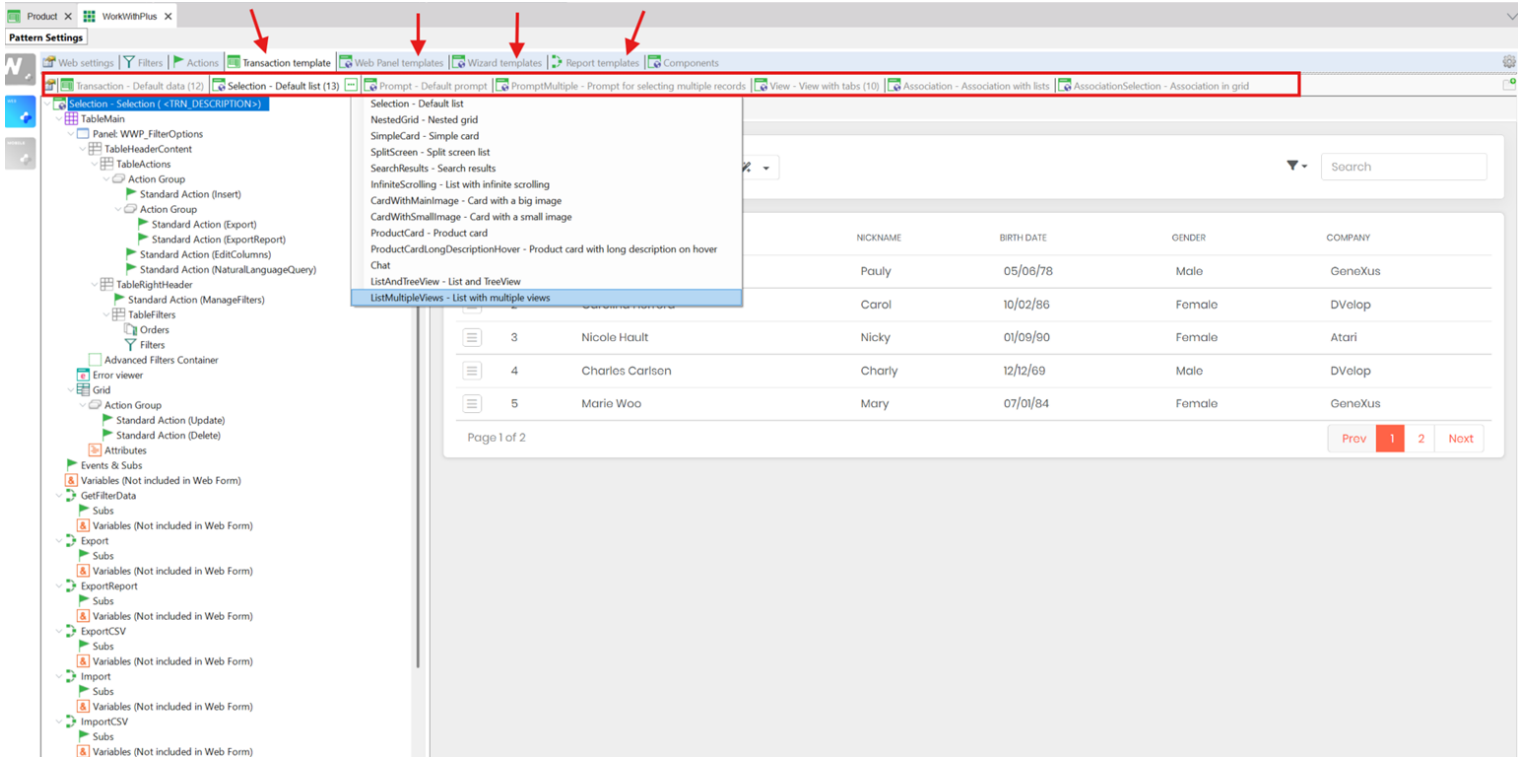
Using WorkWithPlus with a custom design

How WorkWithPlus increases productivity

WorkWithPlus User Controls

Templates & Components

# Templates


Product
WorkWithPlus
Pattern Settings
Web settings
Filters
Actions
Transaction template
Web Panel templates
Wizard templates
Report templates
Components
Transaction - Default data (12)
Selection - Default list (13)
Prompt - Default prompt
PromptMultiple - Prompt for selecting multiple records
View - View with tabs (10)
Association - Association with lists
AssociationSelection - Association in grid
Selection - Selection ( <TRN_DESCRIPTION> )
TableMain
Panel: WWP_FilterOptions
TableHeaderContent
TableActions
Action Group
Standard Action (Insert)
Action Group
Standard Action (Export)
Standard Action (ExportReport)
Standard Action (EditColumns)
Standard Action (NaturalLanguageQuery)
TableRightHeader
Standard Action (ManageFilters)
TableFilters
Orders
Filters
Advanced Filters Container
Error viewer
Grid
Action Group
Standard Action (Update)
Standard Action (Delete)
Attributes
Events & Subs
Variables (Not included in Web Form)
GetFilterData
Subs
Variables (Not included in Web Form)
Export
Subs
Variables (Not included in Web Form)
ExportReport
Subs
Variables (Not included in Web Form)
ExportCSV
Subs
Variables (Not included in Web Form)
Import
Subs
Variables (Not included in Web Form)
ImportCSV
Subs
Variables (Not included in Web Form)
Selection - Default list
NestedGrid - Nested grid
SimpleCard - Simple card
SplitScreen - Split screen list
SearchResults - Search results
InfiniteScrolling - List with infinite scrolling
CardWithMainImage - Card with a big image
CardWithSmallImage - Card with a small image
ProductCard - Product card
ProductCardLongDescriptionHover - Product card with long description on hover
Chat
ListAndTreeView - List and TreeView
ListMultipleViews - List with multiple views
Search
NICKNAME
BIRTH DATE
GENDER
COMPANY
Pauly
05/06/78
Male
GeneXus
Carol
10/02/86
Female
DVelop
3
Nicole Hault
Nicky
01/09/90
Female
Atari
4
Charles Carlson
Charly
12/12/69
Male
DVelop
5
Marie Woo
Mary
07/01/84
Female
GeneXus
Page 1 of 2
Prev
1
2
Next

# +400 templates & components

Kanban

Calendar

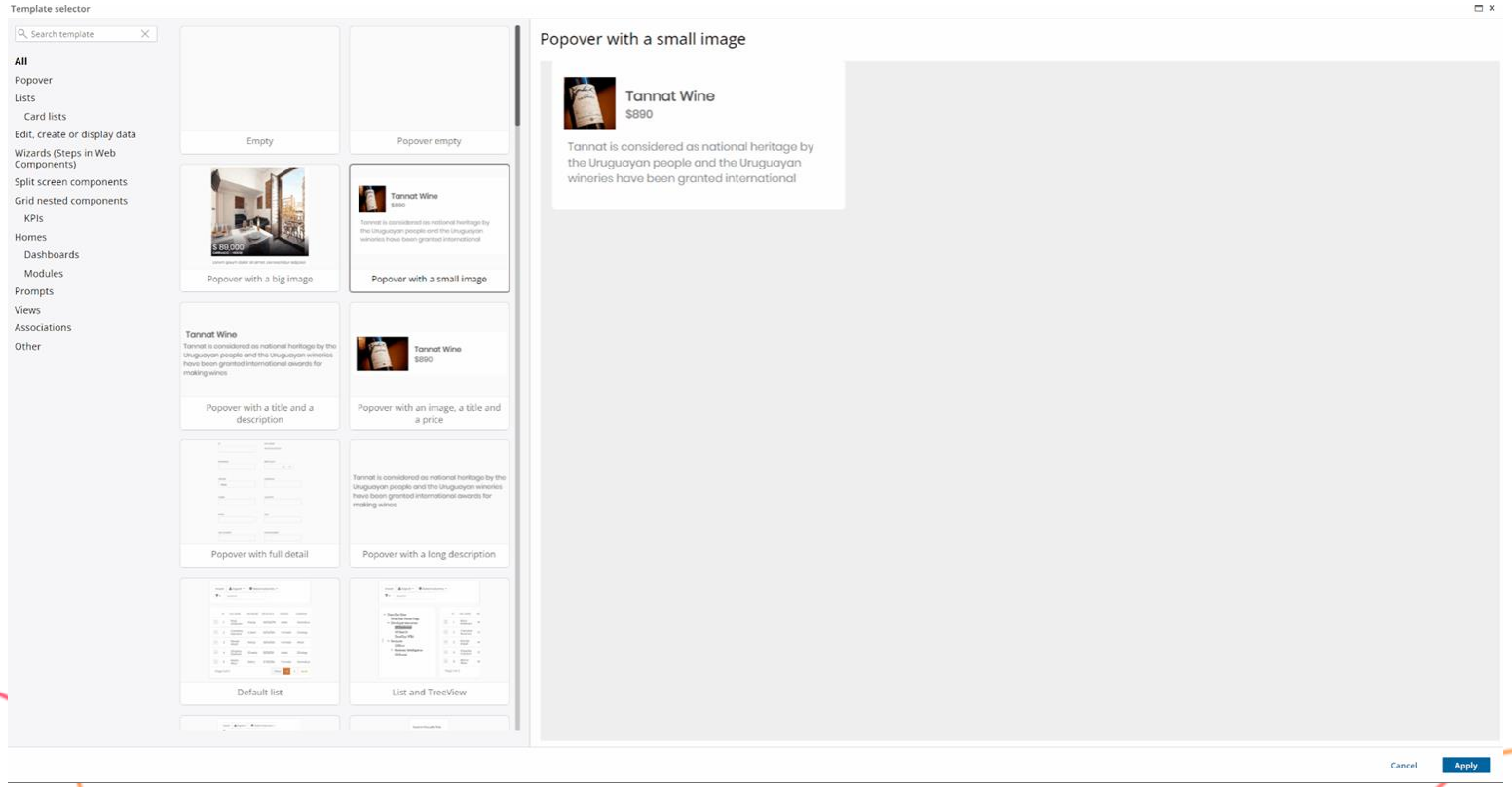
Wizards

Dashboards

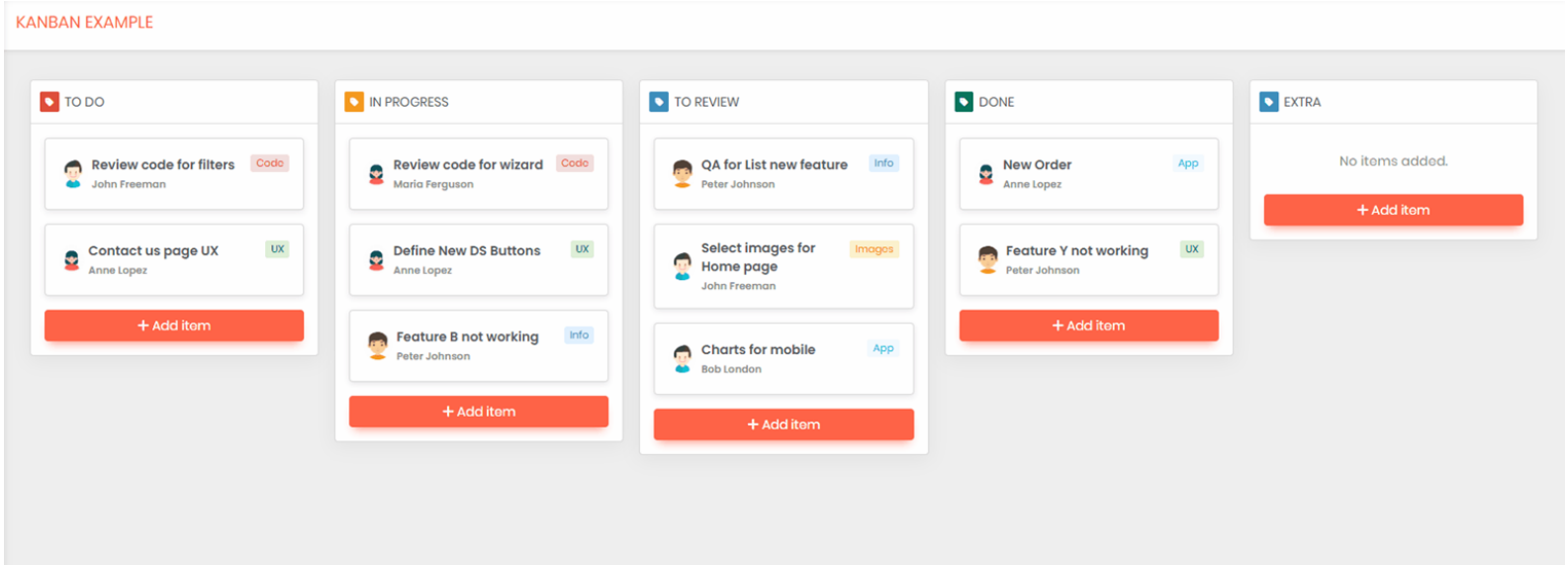
Lists

& much more!

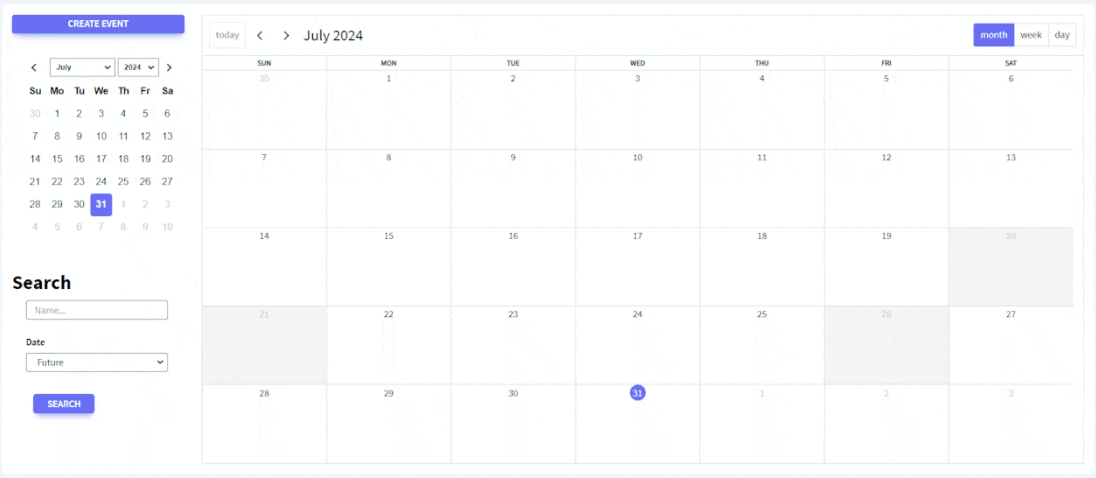
# Template Selector

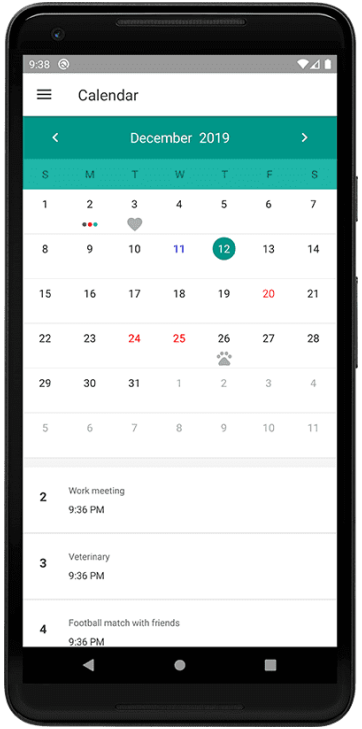


# Kanban

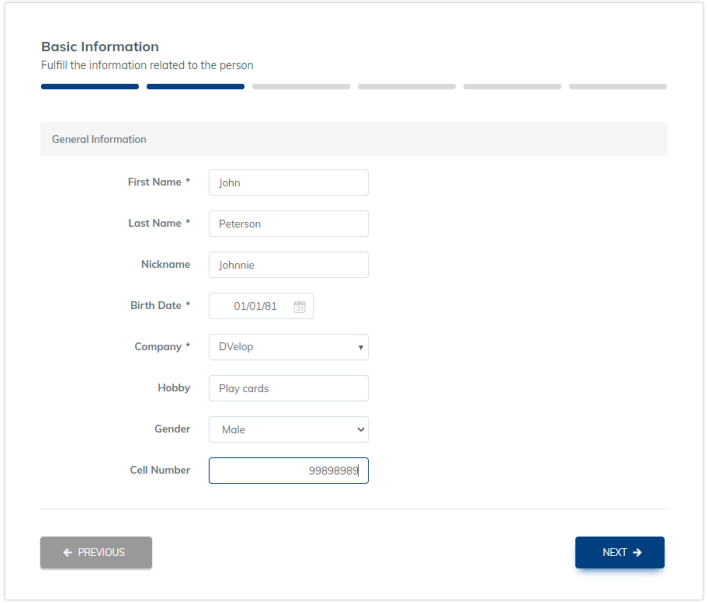

KANBAN EXAMPLE
TO DO
Review code for filters
John Freeman
Code
Contact us page UX
Anne Lopez
UX
+ Add item
IN PROGRESS
Review code for wizard
Maria Ferguson
Code
Define New DS Buttons
Anne Lopez
UX
Feature B not working
Peter Johnson
Info
+ Add item
TO REVIEW
QA for List new feature
Peter Johnson
Info
Select images for Home page
John Freeman
Images
Charts for mobile
Bob London
App
+ Add item
DONE
New Order
Anne Lopez
App
Feature Y not working
Peter Johnson
UX
+ Add item
EXTRA
No items added.
+ Add item

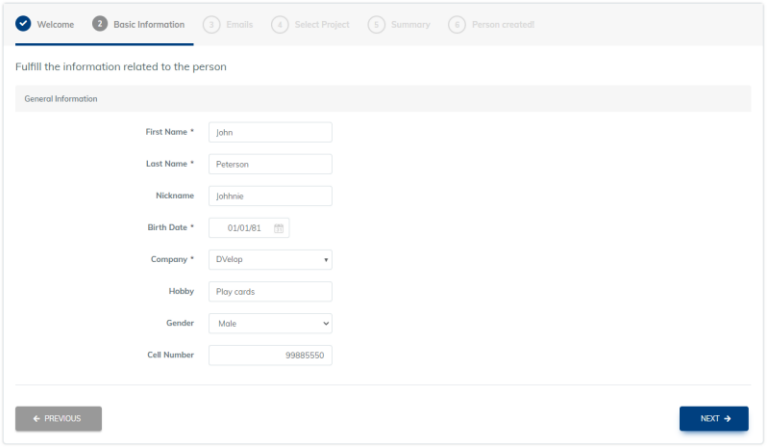
# Calendar

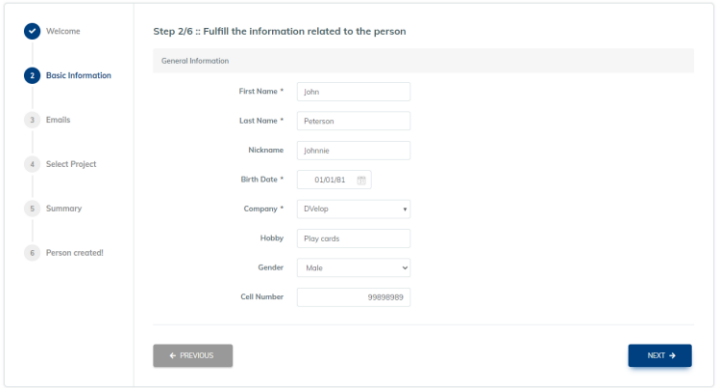

CREATE EVENT
July 2024
today
month
week
day
Search
Name...
Date
Future
SEARCH


9:38
Calendar
December 2019
Work meeting
9:36 PM
Veterinary
9:36 PM
Football match with friends
9:36 PM

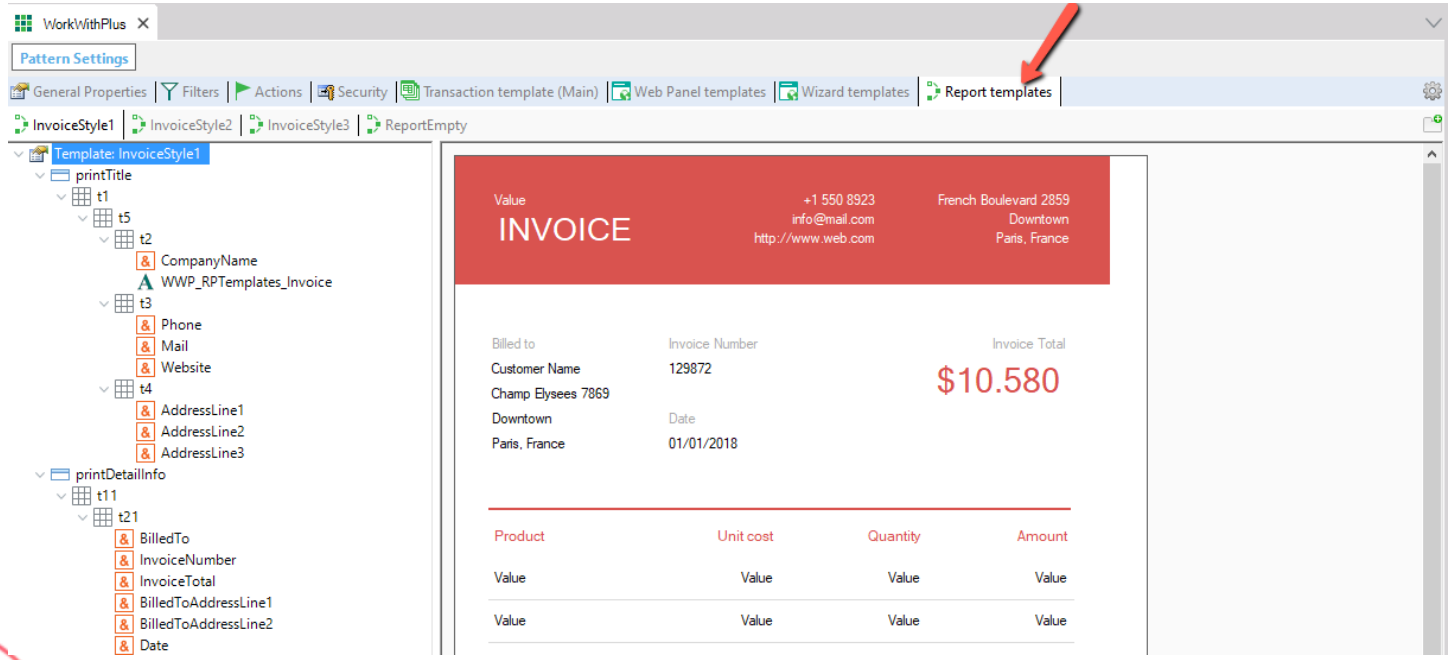
# Wizards


Basic Information
Fulfill the information related to the person
General Information
First Name *
John
Last Name *
Peterson
Nickname
Johnnie
Birth Date *
01/01/81
Company *
DVelop
Hobby
Play cards
Gender
Male
Cell Number
99898989
PREVIOUS
NEXT


Welcome
Basic Information
Emails
Select Project
Summary
Person created!
Fulfill the information related to the person
General Information
First Name *
John
Last Name *
Peterson
Nickname
Johnnie
Birth Date *
01/01/81
Company *
DVelop
Hobby
Play cards
Gender
Male
Cell Number
99885550
PREVIOUS
NEXT

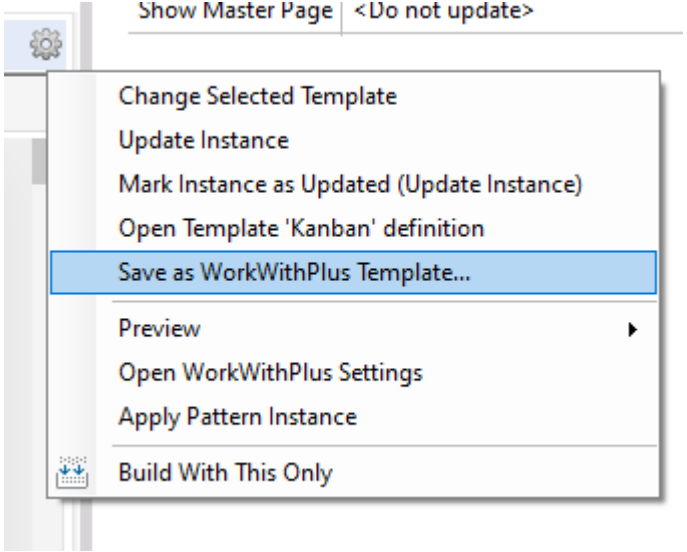

Welcome
Basic Information
Emails
Select Project
Summary
Person created!
Step 2/6 :: Fulfill the information related to the person
General Information
First Name *
John
Last Name *
Peterson
Nickname
Johnnie
Birth Date *
01/01/81
Company *
DVelop
Hobby
Play cards
Gender
Male
Cell Number
99898989
PREVIOUS
NEXT

# Templates for PDF reports



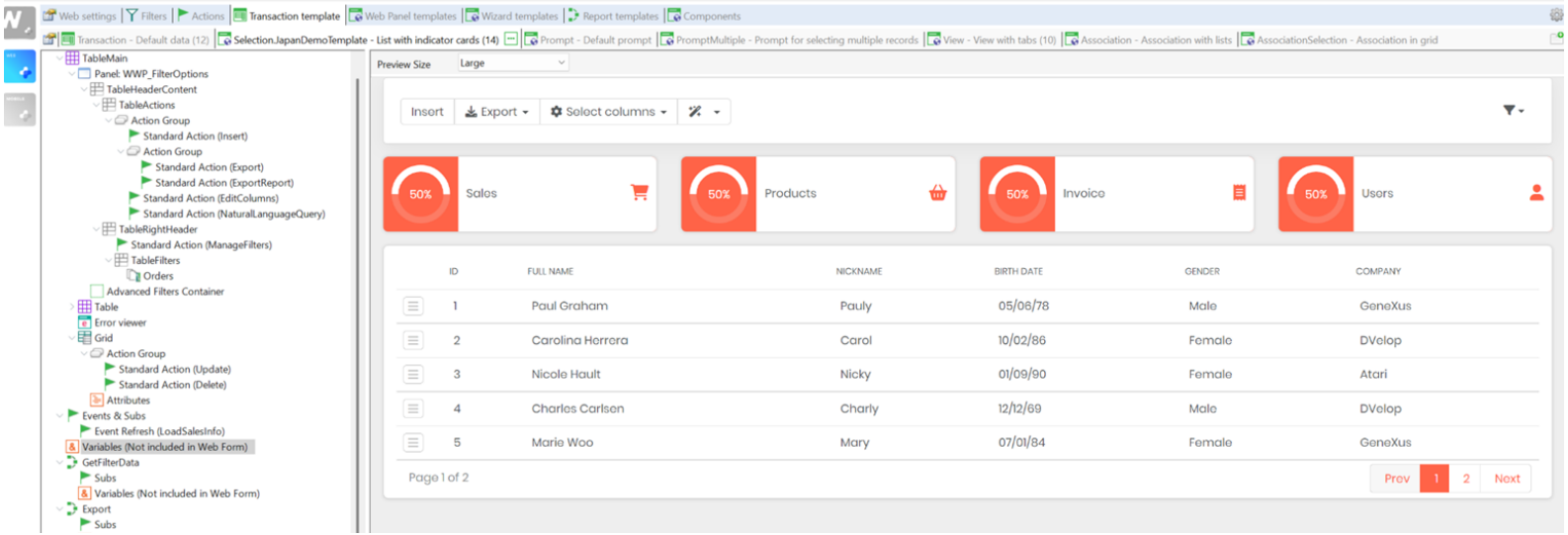
# Templates

## How to create a template from a web panel?



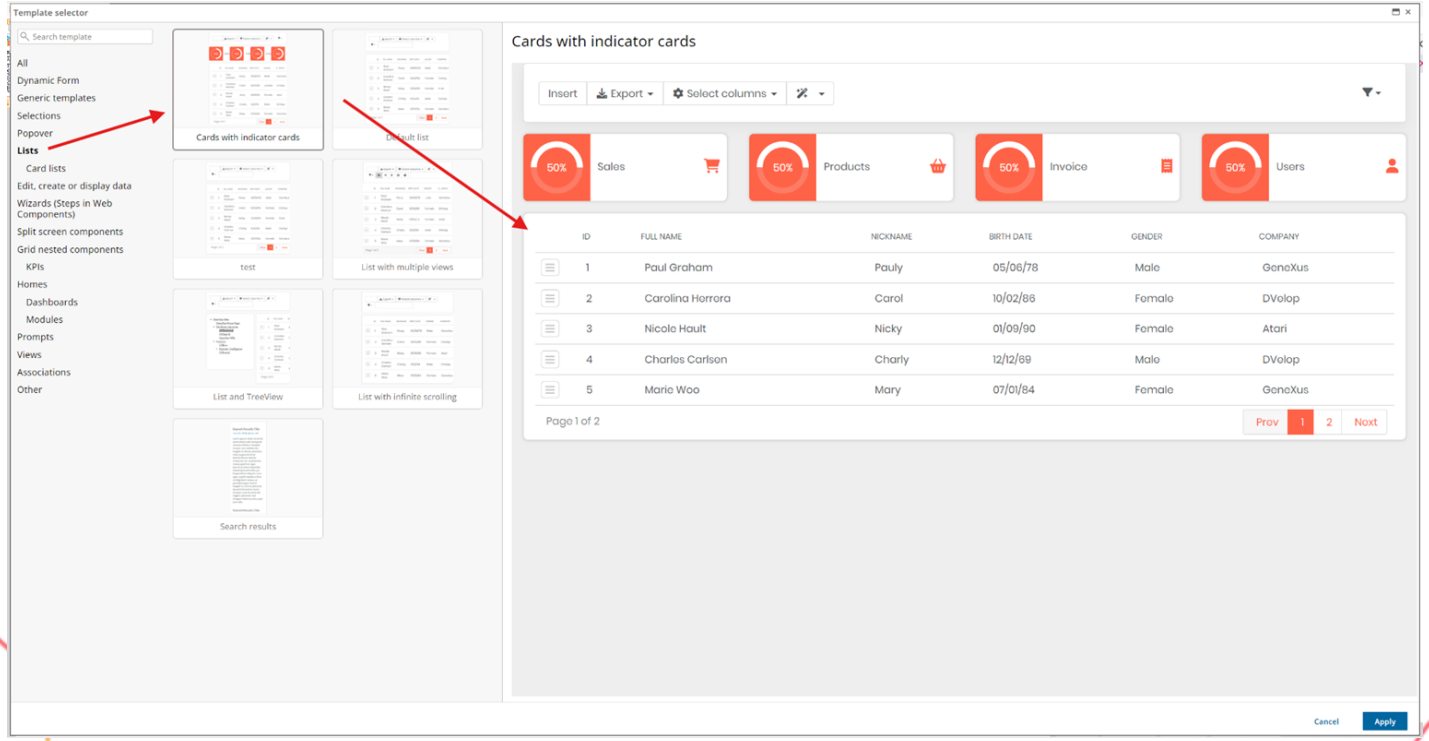
# How to create a template from a web panel?

## Optional - Add other automation options (event blocks, automatic conditions, etc.)



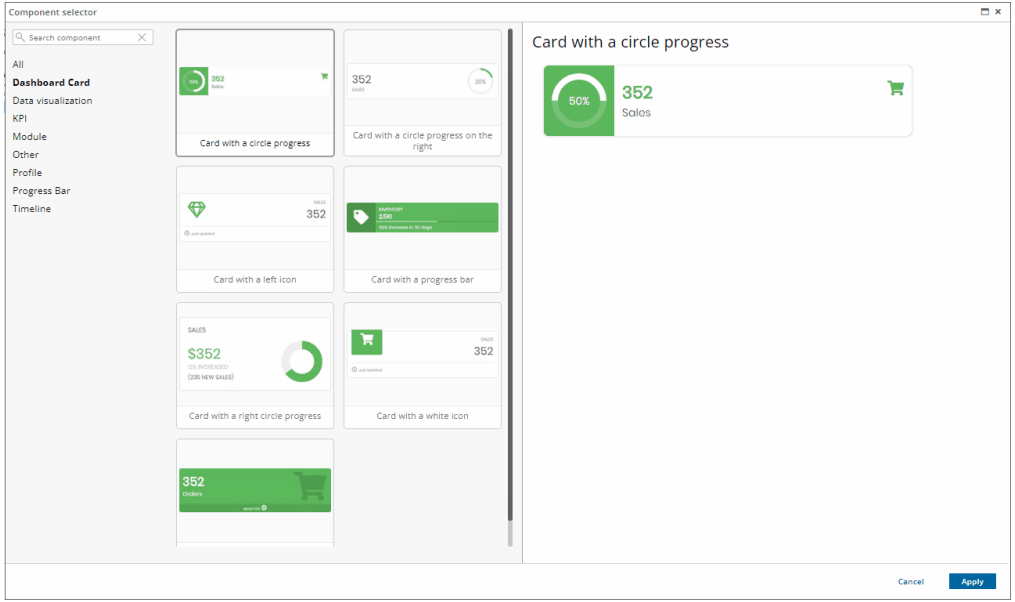
# How to create a template from a web panel?

## Step 5 - Use your new template from the template selector to create a new web panel!



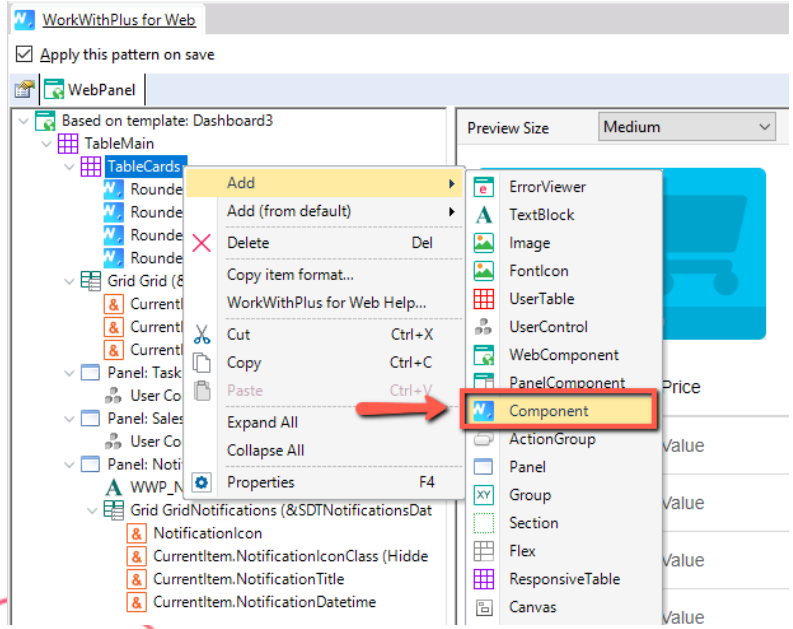
# Components

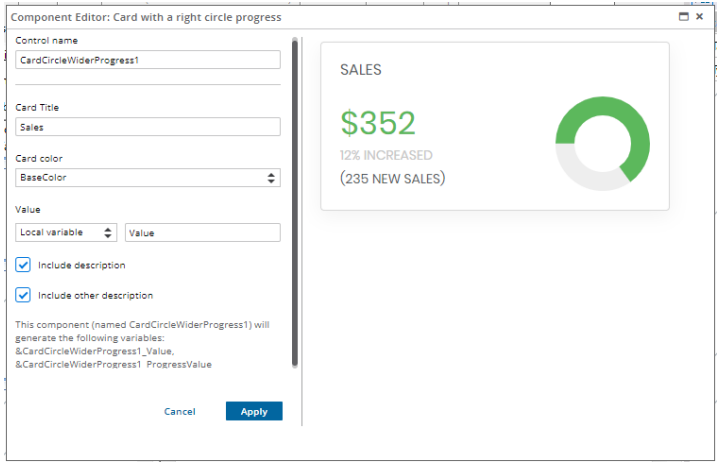
## Reuse UI elements and create amazing layouts



# Components

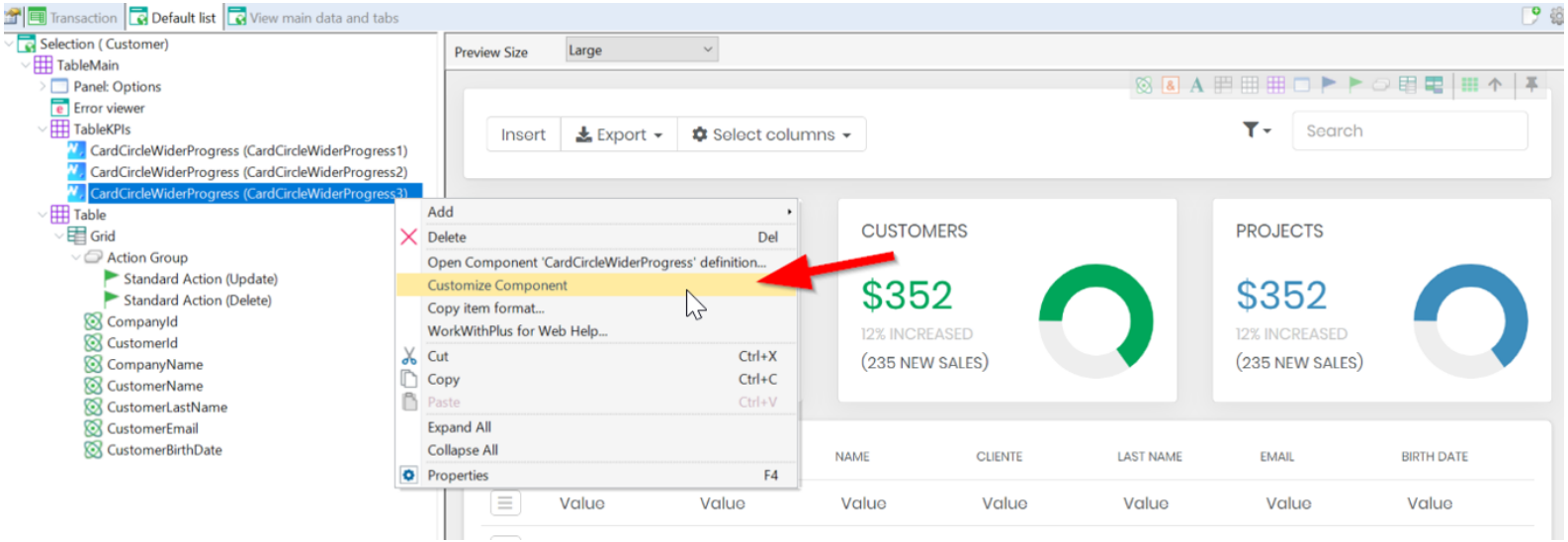
## How to add a Component in a WorkWithPlus instance?



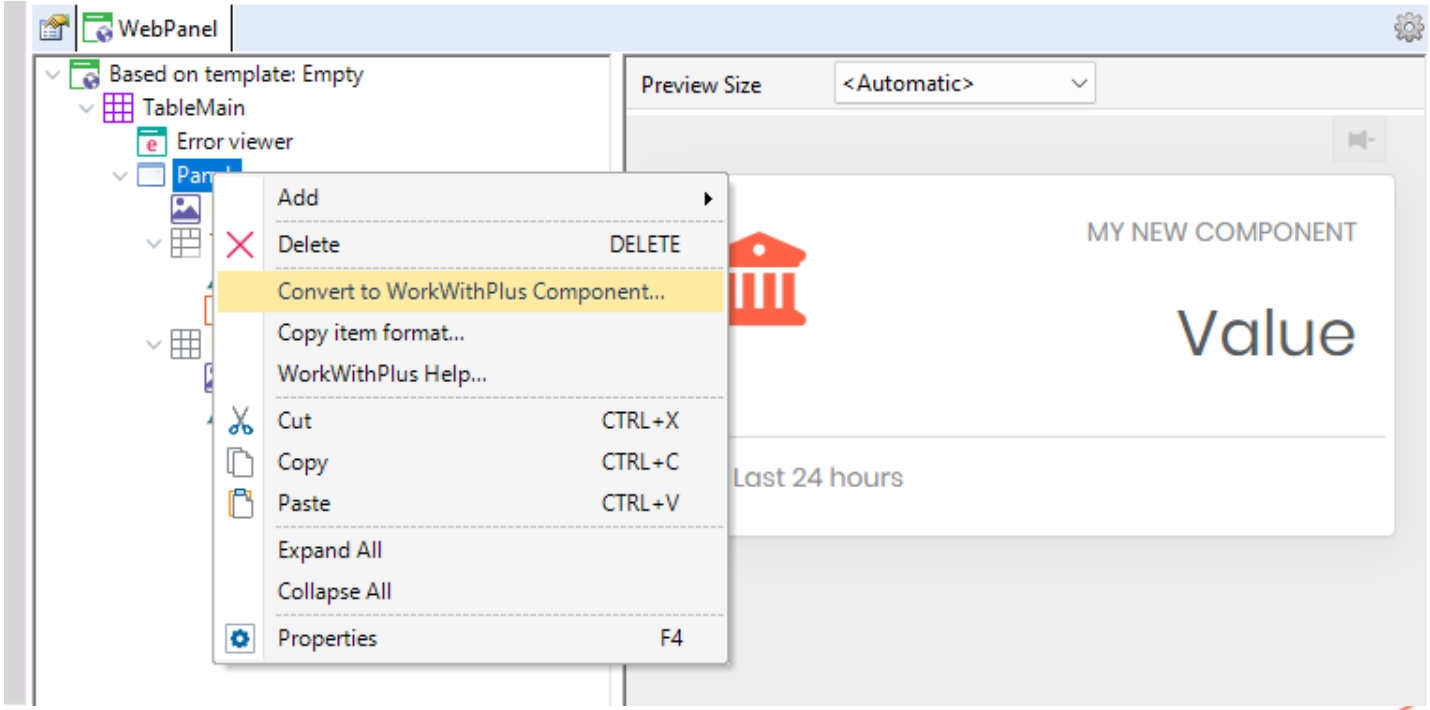
# Components

## How to customize a component?



# Components

## How to create my own component?



# It’s not **magic**, it’s WorkWithPlus

Ready to unlock the full potential of GeneXus? Use WorkWithPlus and **boost 4x your productivity now.**

# Questions and answers

WORKWITHPLUS

# Thank you!

MSc. Eng. Sofía Maiolo
smaiolo@workwithplus.com