



Accelerating UI Development

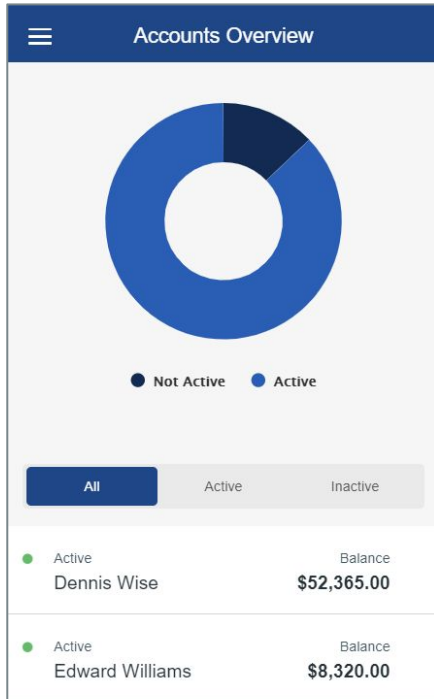


Topics

- Creating Template-based Screens
- Replacing Data
 - Sample Data
 - How Replace Data Works

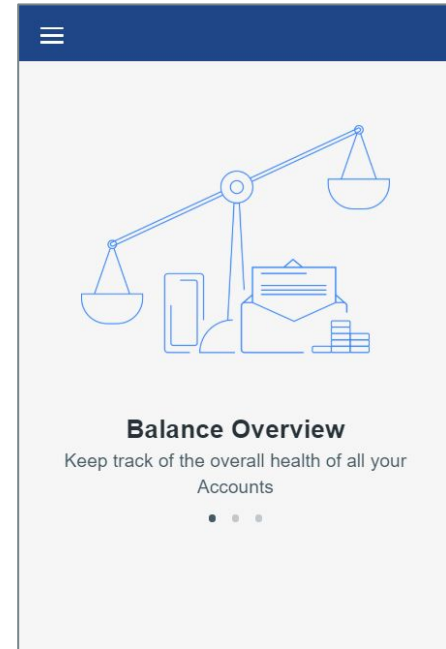
Screen Templates

Pre-assembled Screens that help implement industry best practices in just a few clicks



The Directory screen displays a list of employees under the 'EMPLOYEES' tab. It includes a search bar and a list of employee profiles with their names, roles, and titles.

Employee	Role	Title
Amos Tesen	Services	Content Marketing Consultant
Andrea Mccarthy	Services	Services Manager West
Ann Olivarria	Services Support East	Services Representative
Antonia Saulter	Human Resources	Marketing Manager



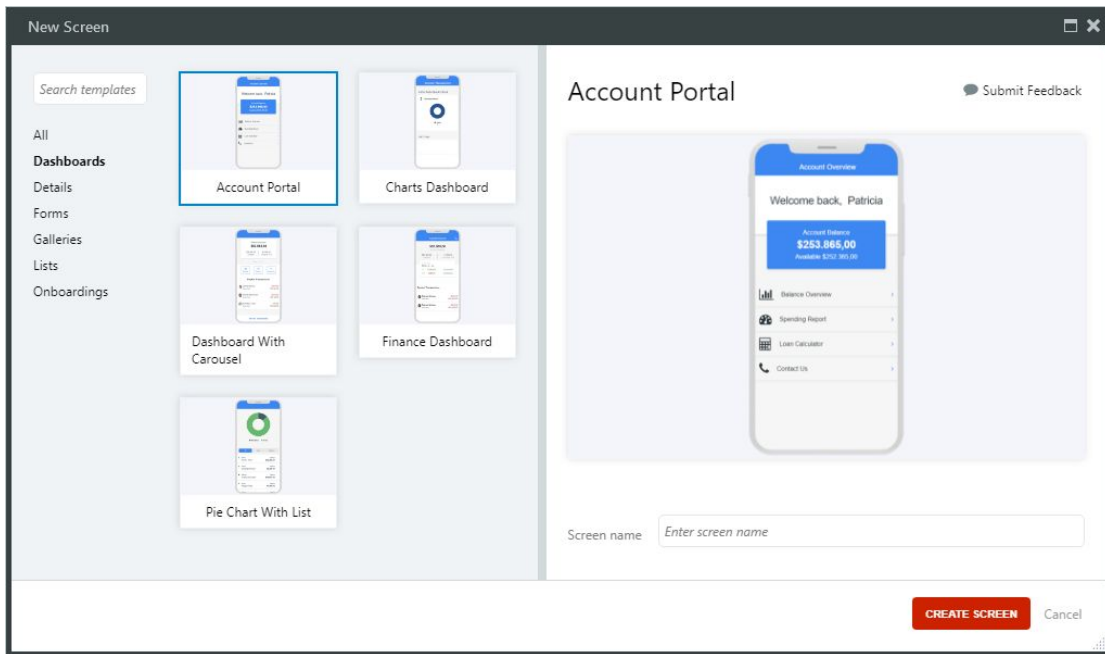
Creating a Template-based Screen

Create Screens with predefined layouts, widgets, styles and logic

- Can be published and used immediately
- Significantly increase the development speed
- Built on top of the OutSystems UI

Use sample data to visualize the UI and understand the logic

- Can be replaced by your data



Sample Data

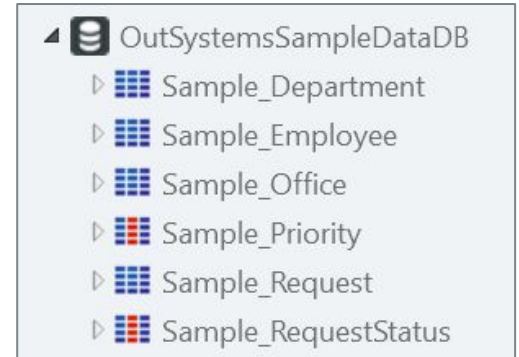
Consists of several Entities containing example records from domains related to several industries

Uses on Screens created from Templates

- OutSystemsSampleDataDB module

Backoffice to view, import and reset data

- <https://<yourserver>/OutSystemsSampleData>



Replacing Data

Sample data can later be replaced by your own data

The screenshot shows the OutSystems Studio interface. On the left, a mobile app preview displays a 'Recent Transactions' section with three entries, each showing a profile icon, the name 'Andrea Mccarthy', the date '2018-06-24', and two monetary values: '\$50.00' and '\$2,471.42'. A red arrow points from the 'Customer' entity in the Entities panel to a blue button labeled 'Replace data with Customer' that appears over the middle transaction entry.

Entities Panel:

- Database
 - (System)
 - ChartsMobile
 - OrdersData
 - Customer**
 - Employee
 - Order
 - OrderProduct
 - OrderStatus
 - Priority
 - Product
 - ProductImage
 - OutSystemsSampleDataDB
 - OutSystemsUIMobile
 - Alert
 - AnimationType
 - Autoplay

Customer Entity

Name	Customer
Original Name	Customer
Description	
Expose Read Only	No

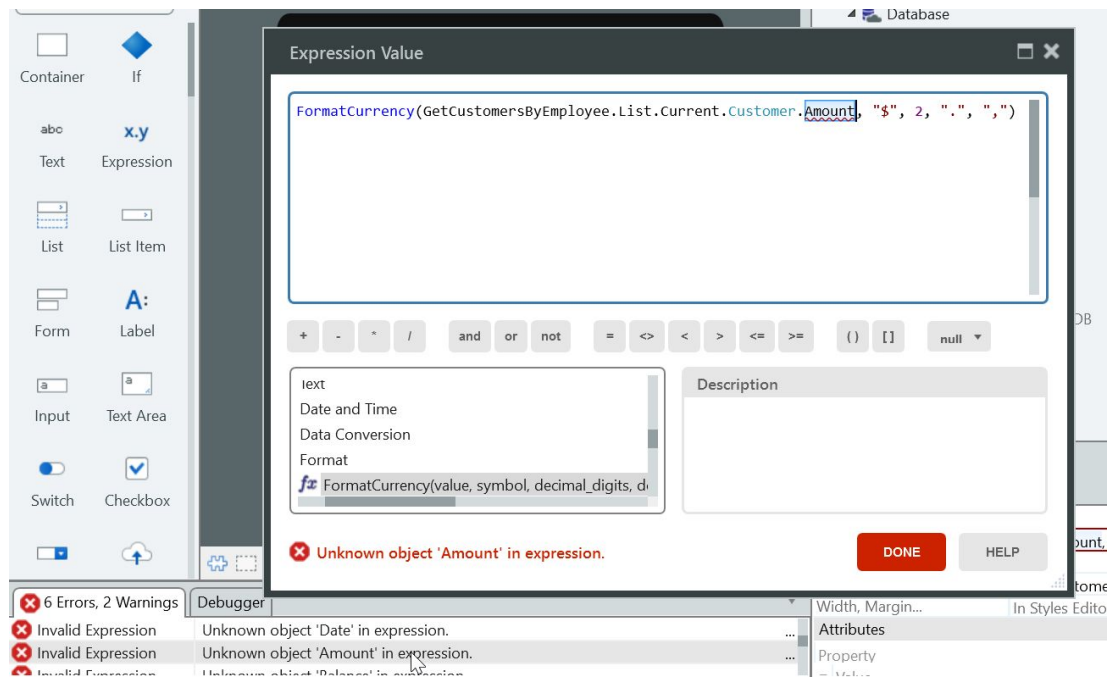
How Replace Data Works

- Drag and drop an Entity to a widget that supports the automatic data replacement
 - Form, List, ...
- Drag and drop accelerators do not work with mixed data
 - Server data can only be replaced by server data and local data by local data
- Service Studio maps the fields from the Sample Entity to the real Entity
 - Name or data type
 - May not result in optimal matches
- Also works on Screens **not** based on Templates

After the Replace Data

Use Service Studio to find the errors and warnings and fix them to use your own data

- Delete unnecessary information
- Check the mappings that did not throw an error



Summary

- Creating Template-based Screens
- Replacing Data
 - Sample Data
 - How Replace Data Works



**Accelerating UI
Development
Thank You!**