Screen Layouts and Common UI
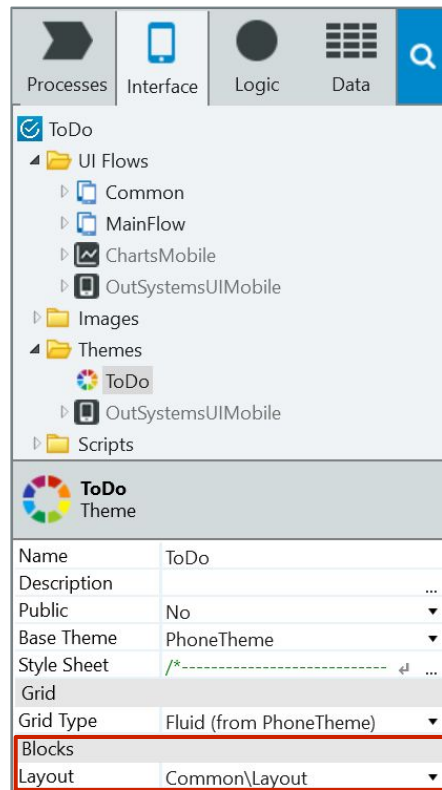
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Topics

- Theme definition (revisited)
- Layout Block
- Common UI Flow
  - Common Blocks
    - Menu
    - BottomBar
  - Global Exception Handler
  - Common Screens
    - Screen Actions
- Module Properties
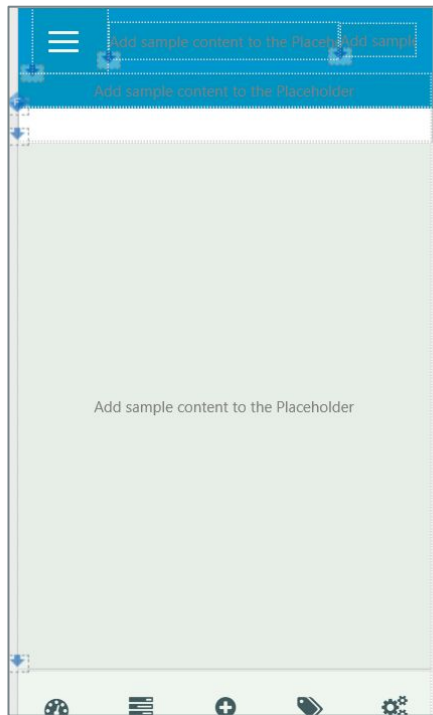
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Theme Definition

- Themes define common styling properties for UI elements
  - Extension of the Base Theme
    - Can override styles from Base Theme
  - Common Layout Block
  - Grid Type: Fixed, Fluid or None

- A Theme can be defined in any module (including *Blank*)
  - Can be shared between modules
  - Modules can have multiple themes for different UI Flows

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Layout Block

- Screens use this Block by default
  - Defines the Screen structure with Placeholders
    - Title
    - Content
    - Bottom
    - ...

- Pull To Refresh implementation

- Events
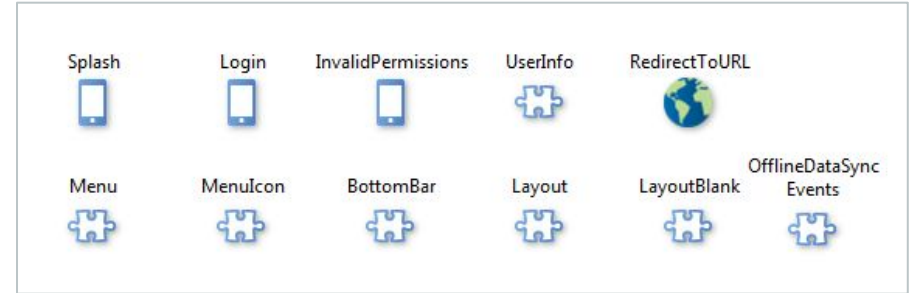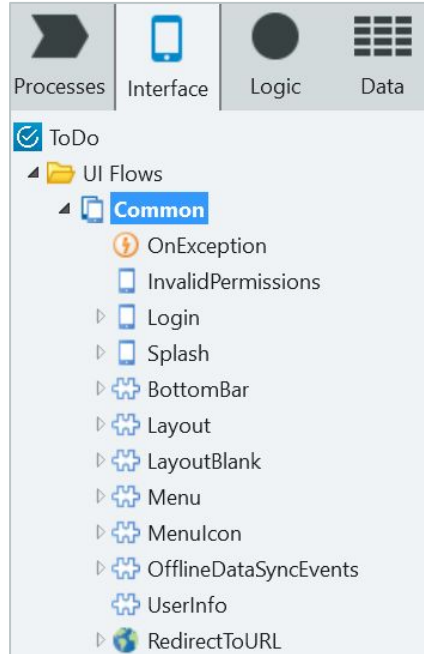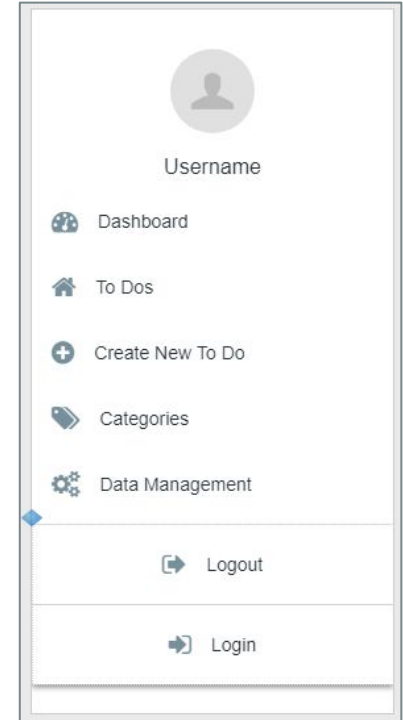 - OnSync
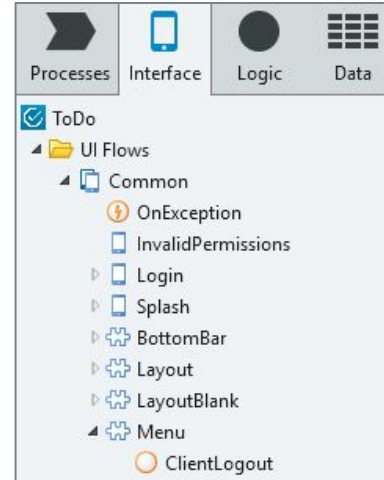 - OnPullToRefresh
  - Event Handlers

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Common UI Flow

- Exceptions

- Screens
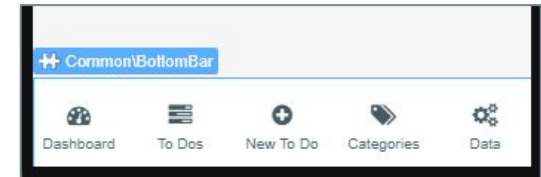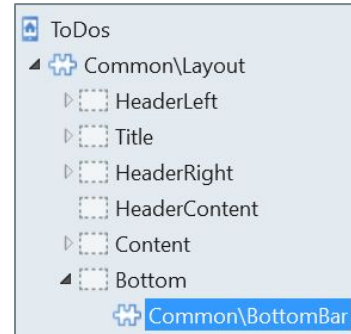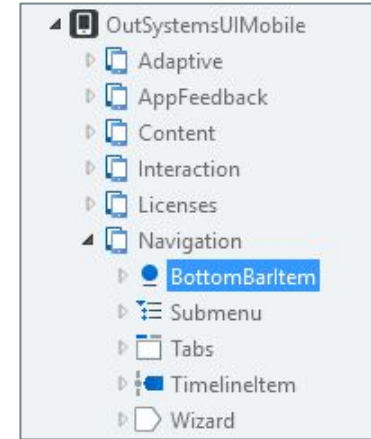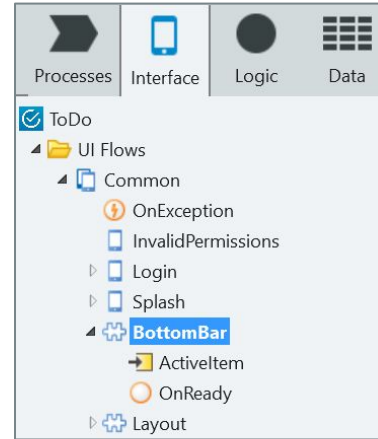
- Blocks

- Redirect

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Menu Block

- Overlay for menu items

- Can hold navigation links to the Screens
  - Drag and drop accelerators

- Contains the UserInfo Block
  - Can be customized to have the user profile picture
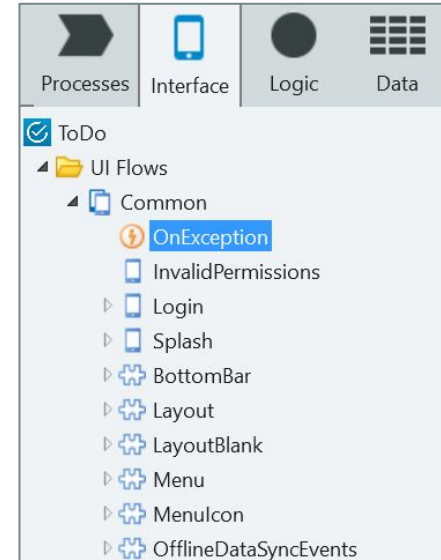
- ClientLogout Action

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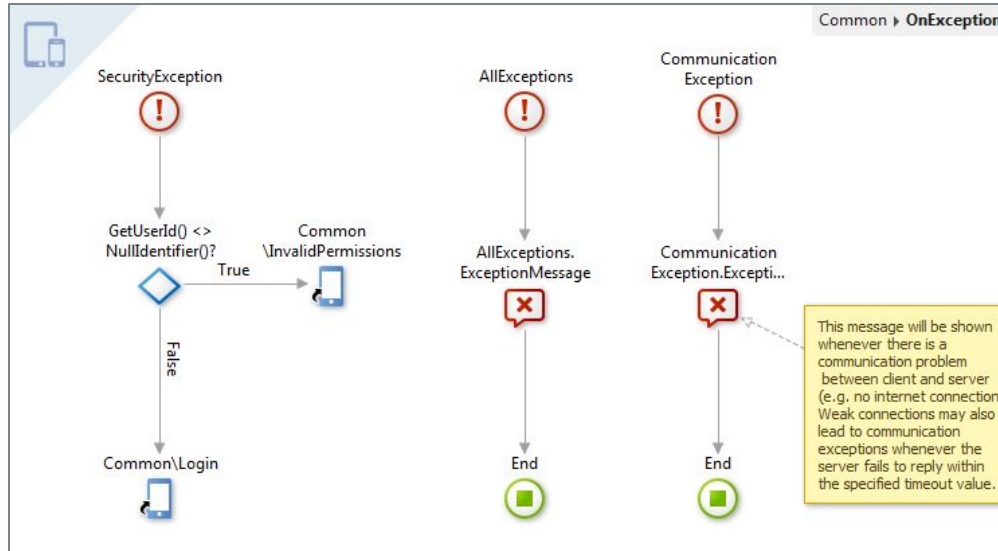# BottomBar Block

- Intended as a Navigation Block

- Positioned at the Bottom of the Screen

- Accepts the BottomBarItem Pattern

- Empty by default

- Input Parameter for the active item
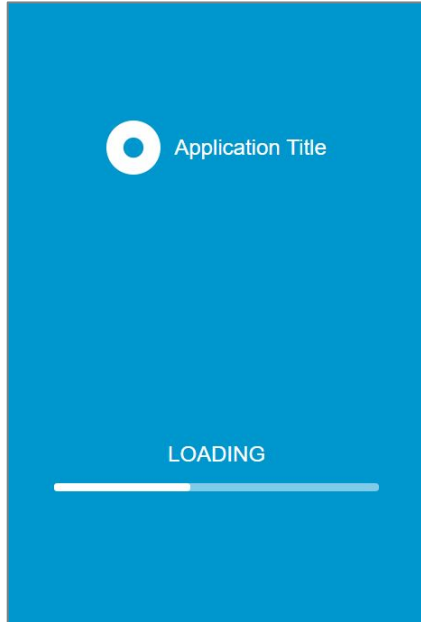
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⚡ On Exception Action

- SecurityException - User not authenticated or authorized
- CommunicationException - No (or weak) connection; timeouts
- AllExceptions - All other exceptions

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Common Screens

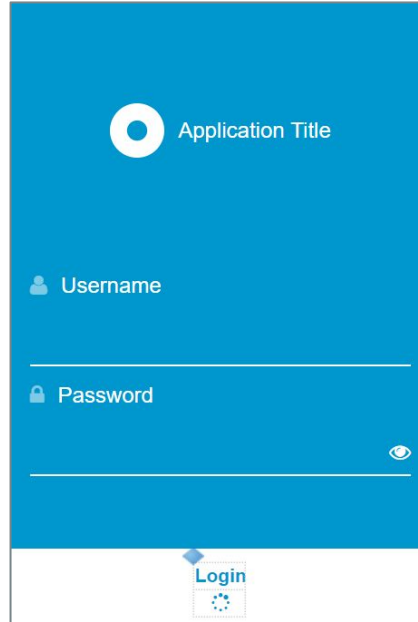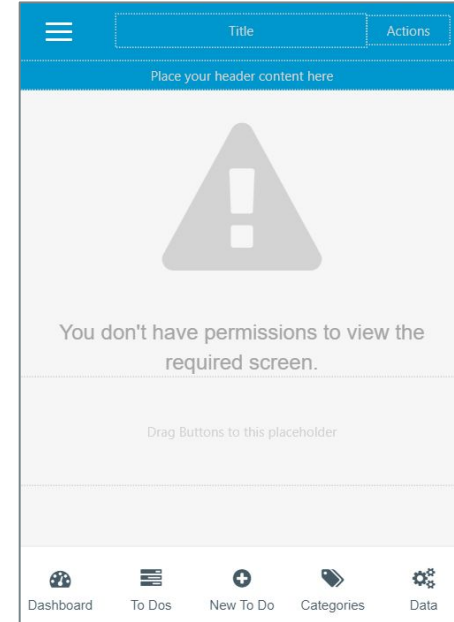## Splash Screen
Displayed when app is loading

Login Screen
Asks for username and password

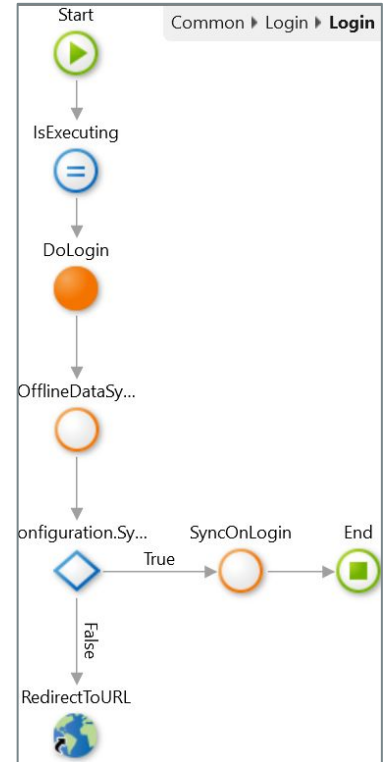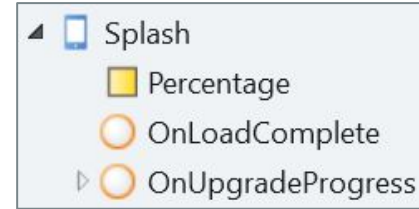## InvalidPermissions Screen
OnException Action Destination for Security Exception

Application Title

LOADING

Application Title

Username

Password

Login

Title   Actions

Place your header content here

You don't have permissions to view the required screen.

Drag Buttons to this placeholder

Dashboard   To Dos   New To Do   Categories   Data

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Common Screens Actions

- Splash Screen
  - OnLoadComplete
  - OnUpgradeProgress

- Login Screen
  - Login Action
    - Server Action
    - Must be online to login
  - SyncOnLogin
    - Performs the sync, if configured

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Module Properties

- Defaults
  - Theme
  - Default Screen
  - Splash Screen
  - Global Exception handler
  - Default Screen Transition
  - Server Request Timeout

- Module use these elements as defaults until the developer changes them

ToDo Module	
Name	ToDo
Description	...
DBMS	(All)
Is User Provider	No
User Provider module	Users
Icon	Custom Icon
Defaults	
Default Theme	ToDo
Default Screen	MainFlow\ToDos
Splash Screen	Common\Splash
Global Exception Handler	Common\OnException
Default Transition	Slide from Right
Server Request Timeout	10
Required Scripts	
Add Required Script	

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Summary

- Theme definition (revisited)
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- Module Properties

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Thank You!