

List Screens

Exercise

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Outline

In this exercise, we will start building our app's UI. We will build two List Screens to list the movies and people in the database.

- Movies Screen
 - a. Screen to display the list of movies in the Movie Entity.
 - b. The list of movies should be displayed in a list layout, with the title, year, plot summary, and gross amount.
- People Screen
 - a. Screen to display the list of people in the Person Entity.
 - b. The list of people should be displayed in a list layout, with the name, surname, and date of birth.
- Both Screens should be accessible by everyone.

Hands-on

In this exercise, we will start developing the UI of our app by creating two Screens to list the movies and people in the database.

Movies Screen

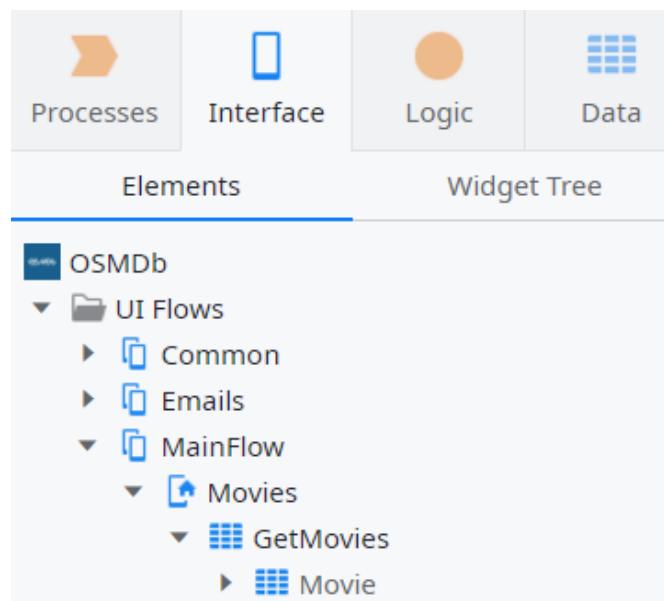
Now that we have the Entities created and populated with data, it's time to start building some UI. Let's start with the Movies Screen.

To leverage the **HomeScreen** Screen already created, let's rename it as *Movies* and delete the existing Expression.

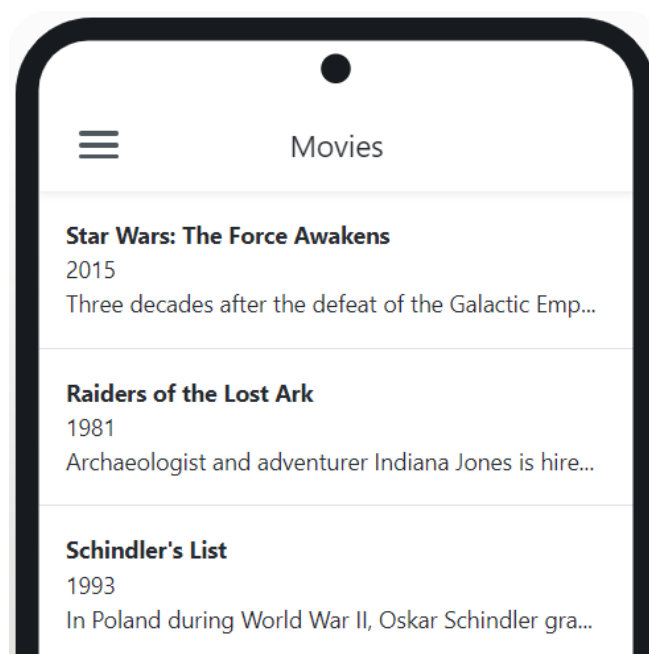
To build a list Screen with the movies, we need two things:

1. Fetch data from the database.
2. Build the UI with the data we want to display, fetched in the previous step.

To fetch the data from the database, we can create a new Aggregate that fetches all the Movies.

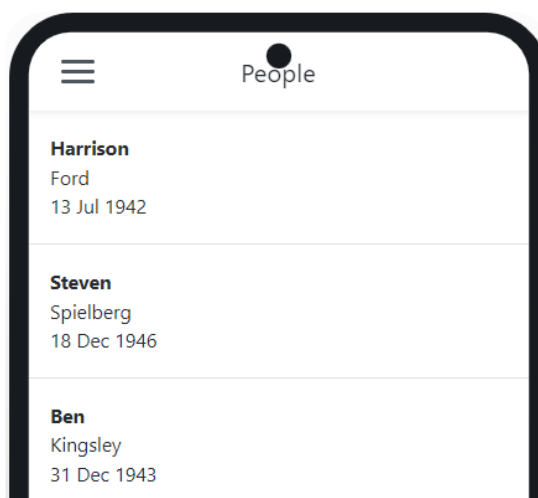


Then, we need to create a List that will display the movies' Title, Year, Plot Summary, and Gross Takings Amount that are being fetched from the Aggregate. Select the correct widget from the widget toolbar on the left, drag it to the Screen and follow the ODC Studio hints to complete the list! In the end, the Screen should look like this:



People Screen

We're done with the movies. Now, we want to create a similar UI for the data stored in the Person Entity! Let's do it!



Menu

To complete the exercise, drag and drop the Movies and People Screens to the Menu element, under Common. This will ensure that there will be a menu entry for both list screens when navigating in the browser. By clicking on a menu entry, the app will navigate to the respective Screen.

