DEVELOPING OUTSYSTEMS MOBILE APPS

Create Web Application

Introduction

Over the course of this set of exercise labs, you will create a web application. The application will focus on creating and managing To Dos. The To Dos will be persisted in a database so they can be accessed from and shared across multiple devices. To Dos will have attributes such as category, priority (low, medium or high), due date and they can be marked as important (starred) by the user.

Users of the To Do application will be able to access all of this information. This back-office application will allow administrators to manage all existing To Dos.

You constantly will be expanding your application, publishing it to the server and testing your application to the server while learning and applying new OutSystems concepts.

At the end of this set of exercise labs, you will have a small, but well-formed web application, spanning multiple screens and concepts that you can easily access from your browser.

In this specific exercise lab, you will:

- Create a Web Application
- Create the main UI application module

Table of Contents

Part 1: Create the application

In this part of the exercise, you will create the **ToDo Web** application. The **ToDo Web** application will contain the user interface (UI) for the To Dos by reusing the existing entities of the To Do Core application.

1. Create a new web application named **ToDoWeb_<your_initials>**. Give the application a simple description, change the application icon to **todo-icon.png**, and use the **Blank** Module template.

a) In the 'Applications in Development' area, click **New Application**.
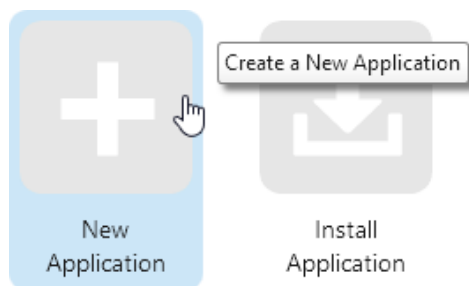

Figure 1. Create a New Application

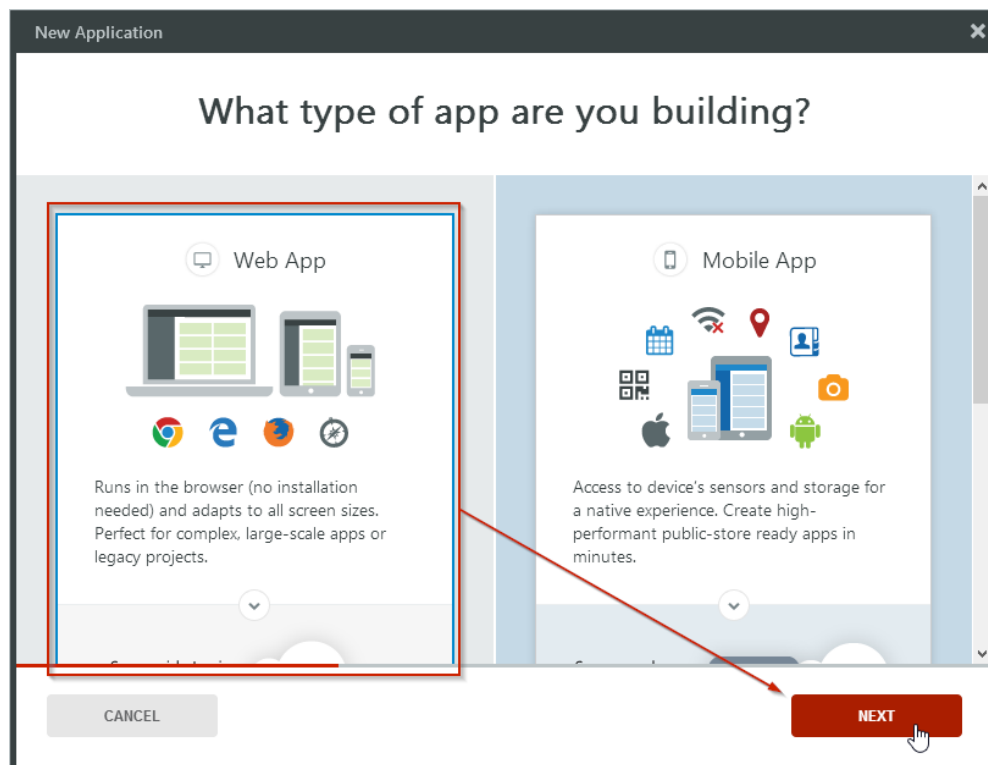**b)** In the **New Application** dialog, select **Web App**, and then click **Next**.

Figure 2. Select Web App

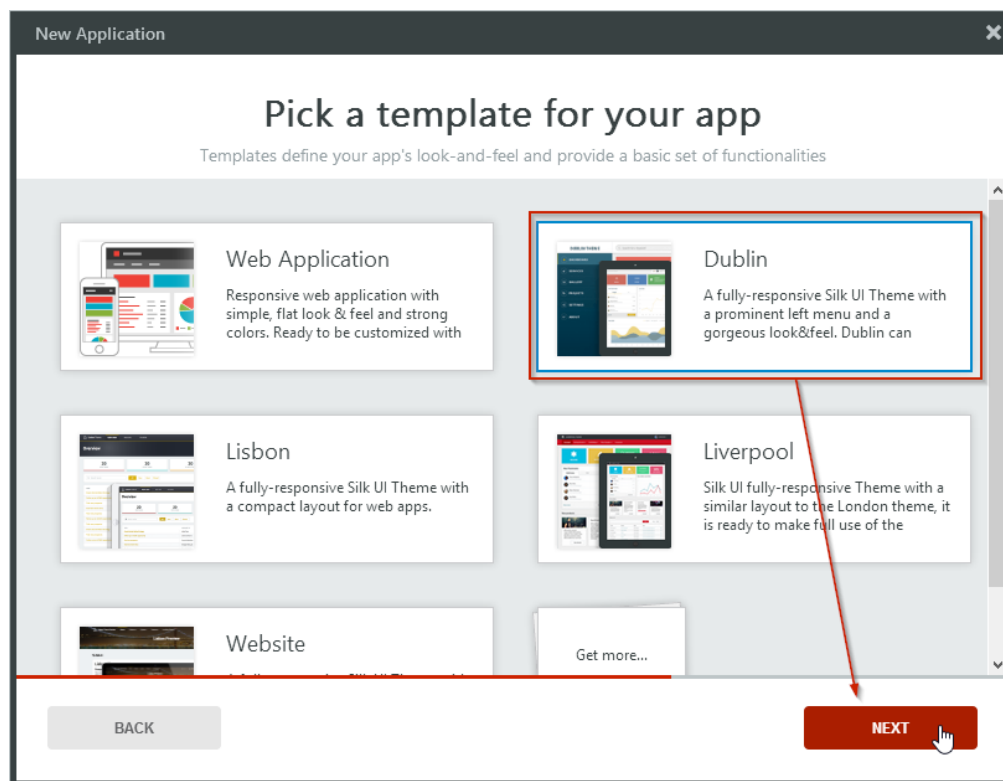**c)** Select the **Dublin** template, and then click **Next**.

NOTE: Templates provide a different look and feel to the application. Dublin template is part of the **Silk UI**, and provides a responsive theme for desktop, tablets and smartphones.

More information about Silk UI is available here:
https://silkui.outsystems.com/

---

d) Set the Application Name to **To Do Web_<yourinitials>** (for simplicity, screenshots will suppress all the <your_initials> suffixes from hereon).

e) Type in a description for the application.

f) Click the 'Upload Icon' button, then select the **todo-icon.png** from the Resources folder, and click **Open** to select the image.

g) Click **Create App** to create the application.

Do not duplicate

Figure 4. ToDo application name, description and icon

h) Since this will be a module that contains UI, you will need to create a **Responsive** module. Set the Name of the module to **ToDoWeb_<your_initials>**. Once you make this selection, click **Create Module** to create the module.

Figure 5. Create a new responsive module

i) Notice that the new module is opened. Since this is a **Responsive** module, the Interface elements area already includes some initial content and you will see a starter Screen showing up in the workspace.
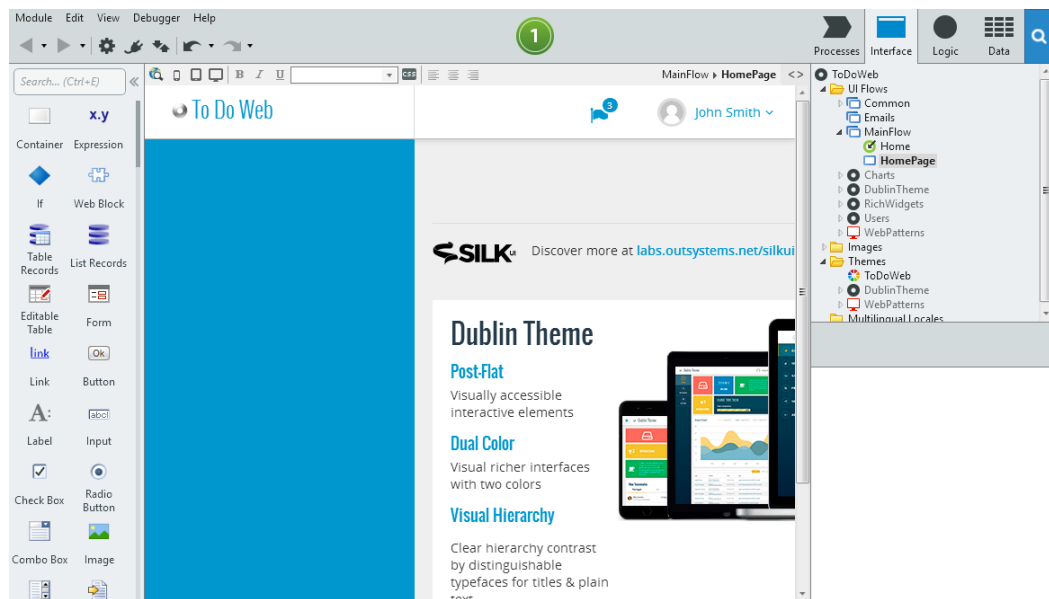

Do not duplicate

Figure 6. Workspace for ToDoWeb

j) Click the **1-Click Publish** to publish the module.

End of Lab

In this exercise, you created an initial **To Do Web** application containing the initial home Screen.

The application module was published to the server, thus creating the initial **HomePage** Screen.

At the moment, the application contains just the basic UI. You will start creating the application Screens in the following labs.

List of Figures

Here is the list of screenshots and pictures used in this exercise.