# Create a Todo App in SAP Build Apps Community Edition Part 3 – Create a Todo

This case assumes you finished Part 2 of Create a Todo App in SAP Build Apps Community Edition.

In this case, you will add a page with a form that allows the user to create a new Todo.

With the Todo app open, create a new page by clicking in the top right corner.

Graphical user interface, text, application

Description automatically generated

Click ADD NEW PAGE.

Graphical user interface, application

Description automatically generated

Name the page something like New Todo.

Graphical user interface, application

Description automatically generated

Open the new page by clicking on it.

Graphical user interface, application, Word

Description automatically generated

Update the interface to look something like this:

Graphical user interface, text, application

Description automatically generated

Add an Input field below the Title control.

Graphical user interface, text

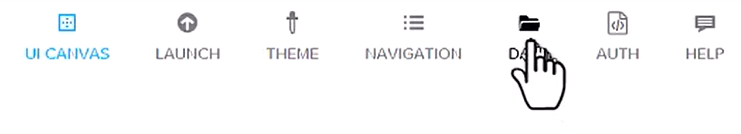
Description automatically generated with medium confidence

Use the Duplicate icon below the Input field control to create two new Input fields.

Graphical user interface, text, application

Description automatically generated

We need to activate the POST service in our Data resource, then create a Data variable on the New Todo page to bind to the Input fields. Click DATA in the top menu.



Select the Todo Data resource then select the CREATE RECORD (POST) service in the list on the left.

Graphical user interface, application

Description automatically generated

Enable the service by clicking the toggle on the top right.



The POST service doesn’t require any additional configuration.

Graphical user interface, application

Description automatically generated

If you click on the SCHEMA tab, you’ll see that it adopts the schema from the Get service.

Graphical user interface, application

Description automatically generated

Return to the UI CANVAS and click VARIABLES to create the Data variable.

Graphical user interface, application

Description automatically generated

Data Variables are used to connect to the Todo data resource Click DATA VARIABLES in the list on the left.

Graphical user interface, application

Description automatically generated

Then click ADD DATA VARIABLE on the right side of the screen and select the Todo data resource.

Graphical user interface, text, application

Description automatically generated

Select the new Data Variable then edit the properties as shown below.

Graphical user interface, text, application, chat or text message

Description automatically generated

Selecting New data record tells the app to use the POST service in the Todo Data Resource.

Return to VIEW. Select the first Input field. Change the Label to Todo, then click the X icon beneath Value.

Graphical user interface, application

Description automatically generated

Select Data and Variables.

Graphical user interface, text, application, whiteboard

Description automatically generated

Select Data Variable.

Graphical user interface, text, application

Description automatically generated

Bind the field to todo.

Graphical user interface, table

Description automatically generated

Now, change the labels of the second and third Input fields and bind them to description and dueDate.

Graphical user interface, text, application

Description automatically generated

Now, drag a Button control from the Toolbox below the last Input field and change Content to Save.

Graphical user interface, application

Description automatically generated

Click the black bar at the bottom of the screen to open the logic pane.

Graphical user interface, text, website

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated

The button has a tap event. To configure the tap to call the POST service, scroll down to the DATA section in the toolbox on the left and drag the Create record component onto the logic pane.

A picture containing schematic

Description automatically generated

Click on the small bump on the right side of Component tab and drag and drop on the Create record component.

Graphical user interface

Description automatically generated with low confidence

Drag and drop on the Create record component.

Diagram

Description automatically generated

Select the Create record component to open its Properties.

Graphical user interface

Description automatically generated

Since we only have one Data resource, the Todo resource is already configured. We just need to configure the properties to use the Data variable we bound to the Input fields. Click the icon to the left of Custom object.

Graphical user interface, text, application

Description automatically generated

Select Data and variables.

Graphical user interface, text, application

Description automatically generated

Select Data variable.

Graphical user interface, text, application

Description automatically generated

Select the NewTodo variable.

A picture containing background pattern

Description automatically generated

Complete the logic as shown below.

Graphical user interface

Description automatically generated

The top port on the right of Create record is executed if the todo create is successful. The Alert will just show a static message to indicate the Todo was created successfully. The Toast will execute if there is an error. Finally, when the user clicks OK on the Alert, the app will navigate back to the list page.

The last thing we have to do is to configure a button on the My Todos page to open the New Todo page. Navigate back to the My Todos page using by clicking the app name at the top left of the screen.

Graphical user interface

Description automatically generated

Select the My Todos page to open it. Note you must save the app before you can open a new page. Drag a Button control above the list. Change the label to something like New Todo.

Graphical user interface, application, Teams

Description automatically generated

Configure the button’s logic as shown.

Diagram

Description automatically generated with medium confidence

Make sure you configure the Open page component to open the New Todo page.

Diagram, text

Description automatically generated

A picture containing background pattern

Description automatically generated

Launch the app. Click the New Todo button.

Graphical user interface, application

Description automatically generated

Enter the data and click Save.

Graphical user interface, text, application

Description automatically generated

The Todo is saved, and the Alert is shown.

Graphical user interface, application

Description automatically generated

When you click OK, the app navigates back to the My Todos page and the new todo is on the list.

Graphical user interface, application, Teams

Description automatically generated