# Create a Todo App in SAP Build Part 3 – Create a Todo

This case assumes you finished Part 1.

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

To create a variable to hold the data we enter into the Input fields, click VARIABLES on the top right. This control allows you to toggle between the canvas view and the data plumbing for the page.

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

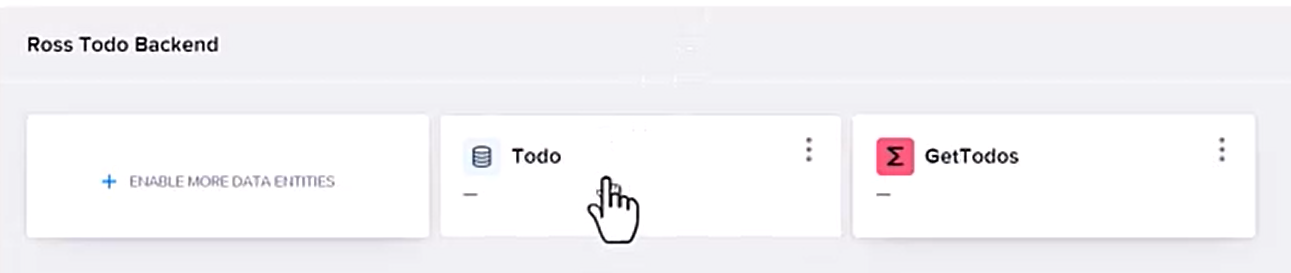
Description automatically generated

Selecting New data record tells the app to use the CreateTodo function in the Todo Data Resource, so the next thing we have to do is activate the CreateTodo function in the Data Resource. Click DATA in the top menu.

Graphical user interface

Description automatically generated with medium confidence

Select the Todo entity.



Select Cloud functions.

Graphical user interface, application

Description automatically generated

Select the CreateTodo function.

Graphical user interface, application

Description automatically generated

Click ENABLE CLOUD FUNCTION.

Diagram

Description automatically generated

Click on UI CANVAS then return to the View.

Text

Description automatically generated with medium confidence

To bind the Input fields to the attributes of the Data Variable, select the Input field.

Graphical user interface, text, application, email

Description automatically generated

Change the Label to Todo then click the x icon to the left of the Value field.

Graphical user interface, application

Description automatically generated

Click Data and variables.

Graphical user interface, text, application, whiteboard

Description automatically generated

Click Data variable.

Text, whiteboard

Description automatically generated

Select the NewTodo Data variable and select todo.

Graphical user interface, application

Description automatically generated

Repeat for the other two Input fields to bind them to Description and Due Date.

Drag a Button control beneath the Due Date Input field.

Graphical user interface, application

Description automatically generated

Change the Label to Save.

Graphical user interface, application

Description automatically generated

To configure the logic for the Button, with the Button selected, click the black bar along the bottom of the screen.

Graphical user interface, text, website

Description automatically generated

This opens the logic pane which already has the Component tab logic component for the button.

Graphical user interface, application, Teams

Description automatically generated

Find the Create record component in the DATA section of the toolbox and drag it onto the canvas.

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

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, then drag a Button control above the list. Change the label to something like New Todo, then configure the 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

Description automatically generated

Enter the data and click Save.

Graphical user interface, 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 returns to the list page.

Graphical user interface, application

Description automatically generated