Chapter II

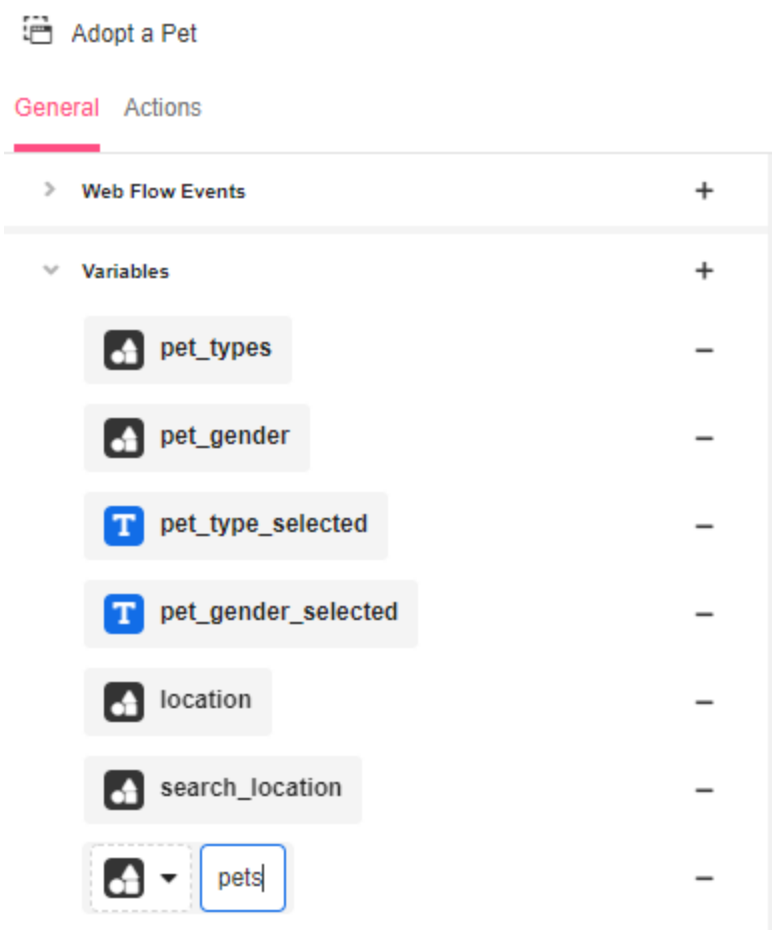
- Building the Location Web Page
    - Creating Variables
    - Adding and Configuring Controls
    - Creating the Data Flow
    - Configuring the Button Control
- Previewing the Location Web Page

Building the Location Web Page

At the end of Chapter I, we added a second Web Page to the app. To resume building it, let's follow these steps:

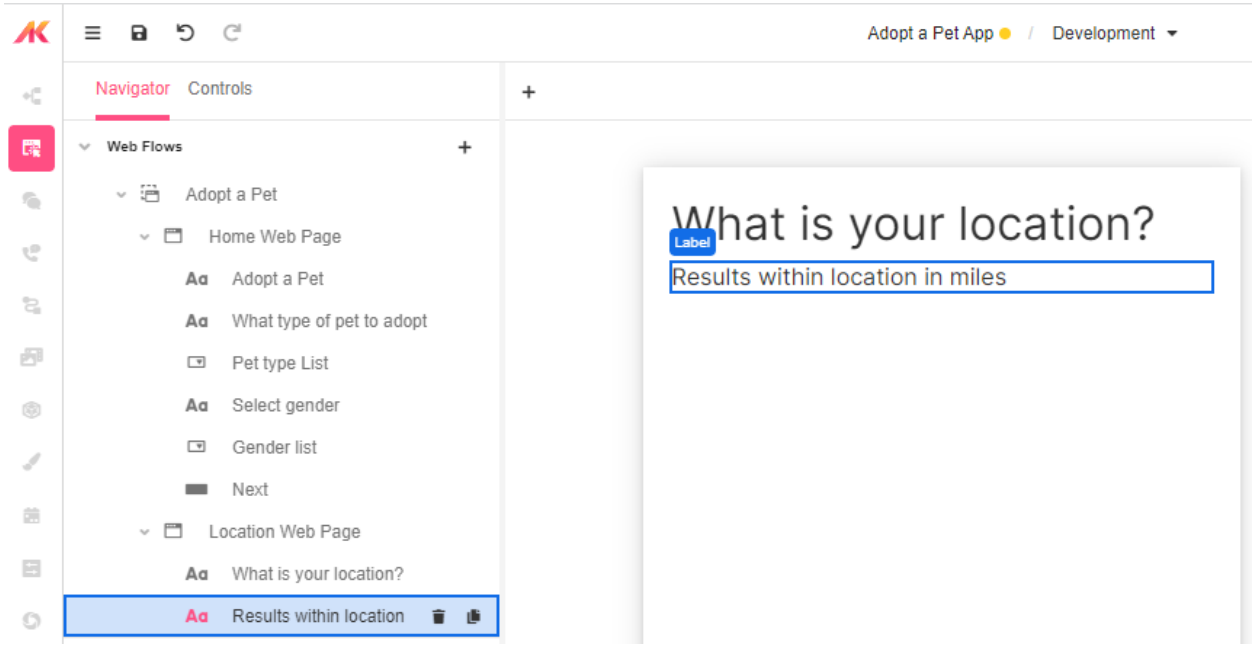
Creating Variables

1. In Web Builder, at the Web Flow level, add the following Variables of type Any that are going to be used in this Web Page:
    a. **location**
    b. **search_location**
    c. **pets**

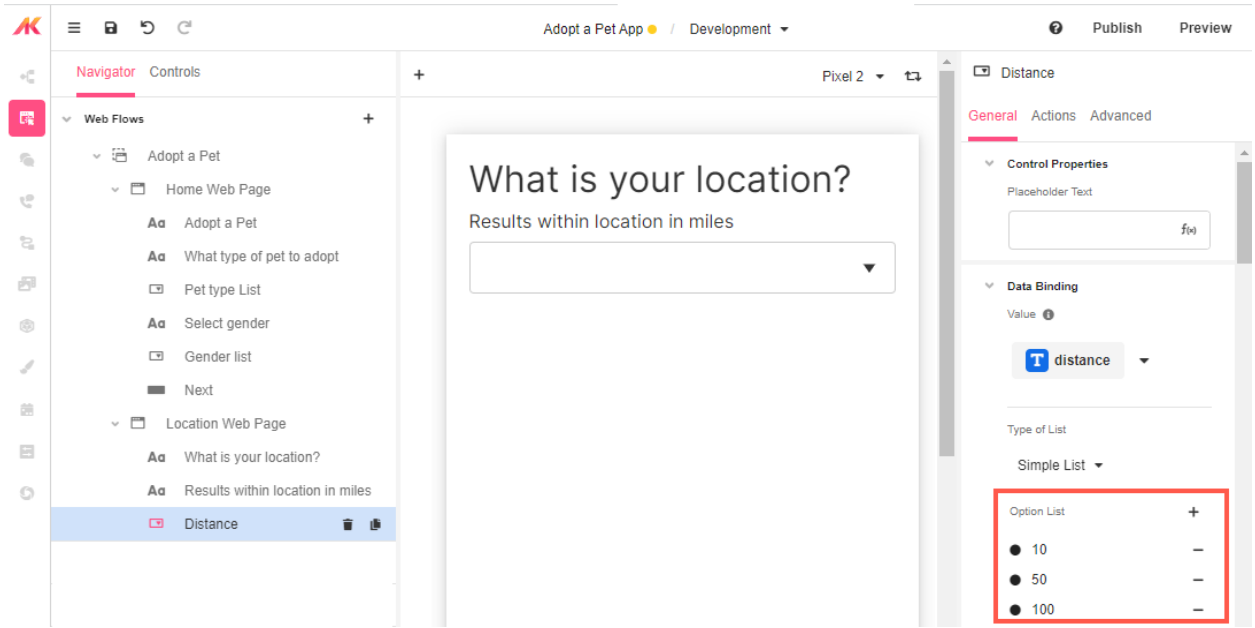


Adding and Configuring Controls

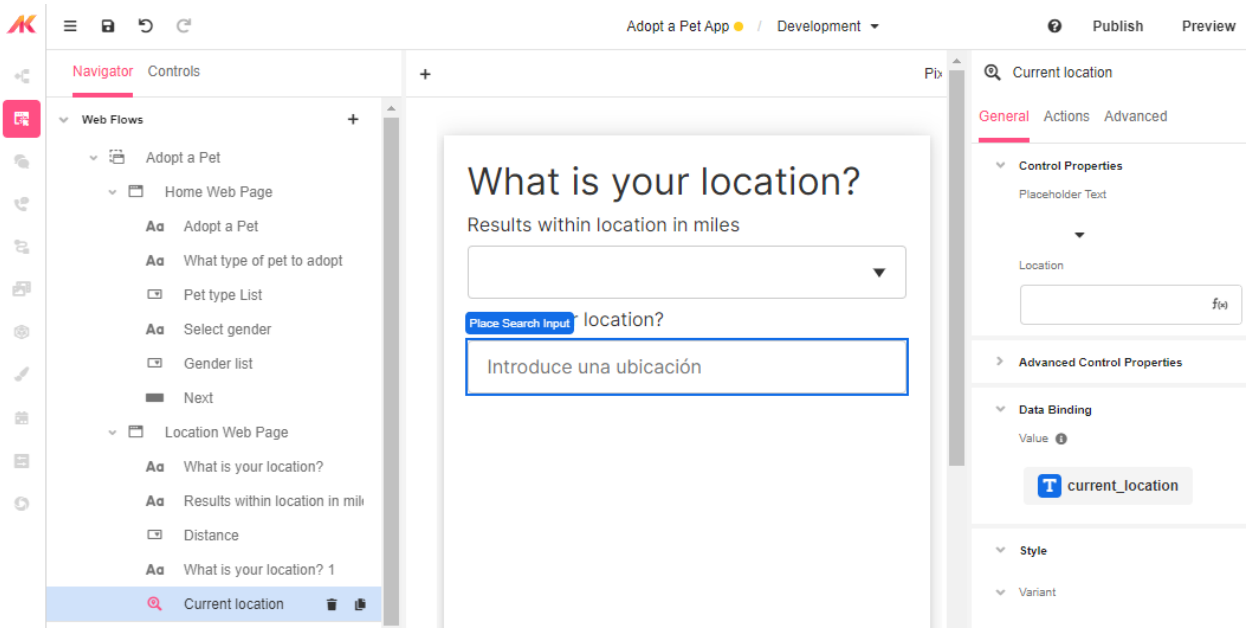
1. In Web Builder, rename the second Web Page to Location Web Page and click on the '+' icon next to it to add two Labels. The first Label will be the title and the second one will contain the first prompt, so let's rename them accordingly: Change the text of the first label to "What is your location?". This will also use the Header variant. Change the text of the second Label to "Results within location in miles". This will allow users to find results only within a certain radius.



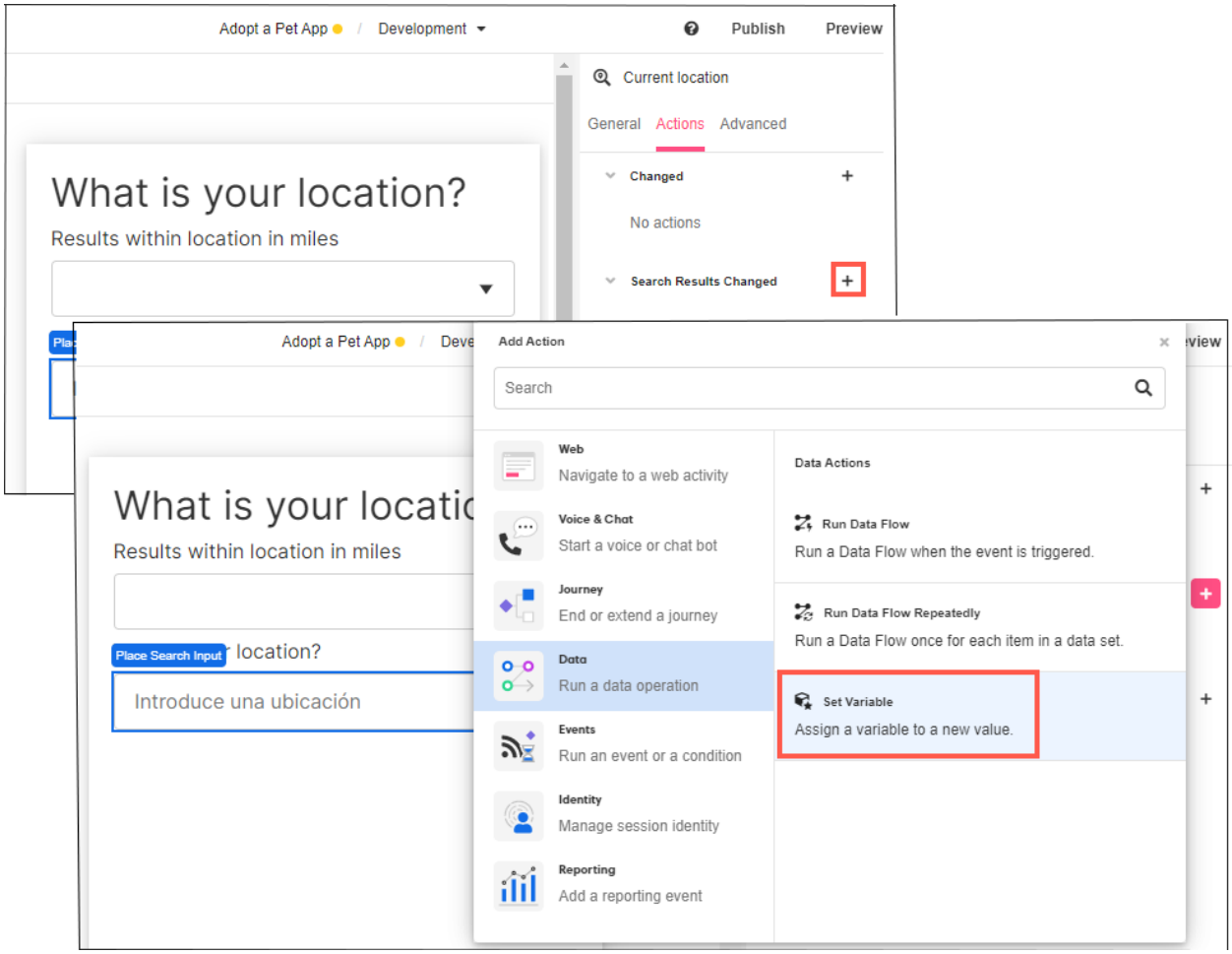
1. Then add a Dropdown List and rename it to “Distance”. This way, the Variable that is automatically created will be also renamed. In the Inspector section, go to Option List and click on the ‘+’ icon to enter the options to present to the user:



2. Add another Label for the next prompt: “What is your location?”
3. Add a Place Search Input control and change its name to “Current location” so that the Variable gets automatically renamed as well. The variables associated with the control will be renamed to **current_location**.

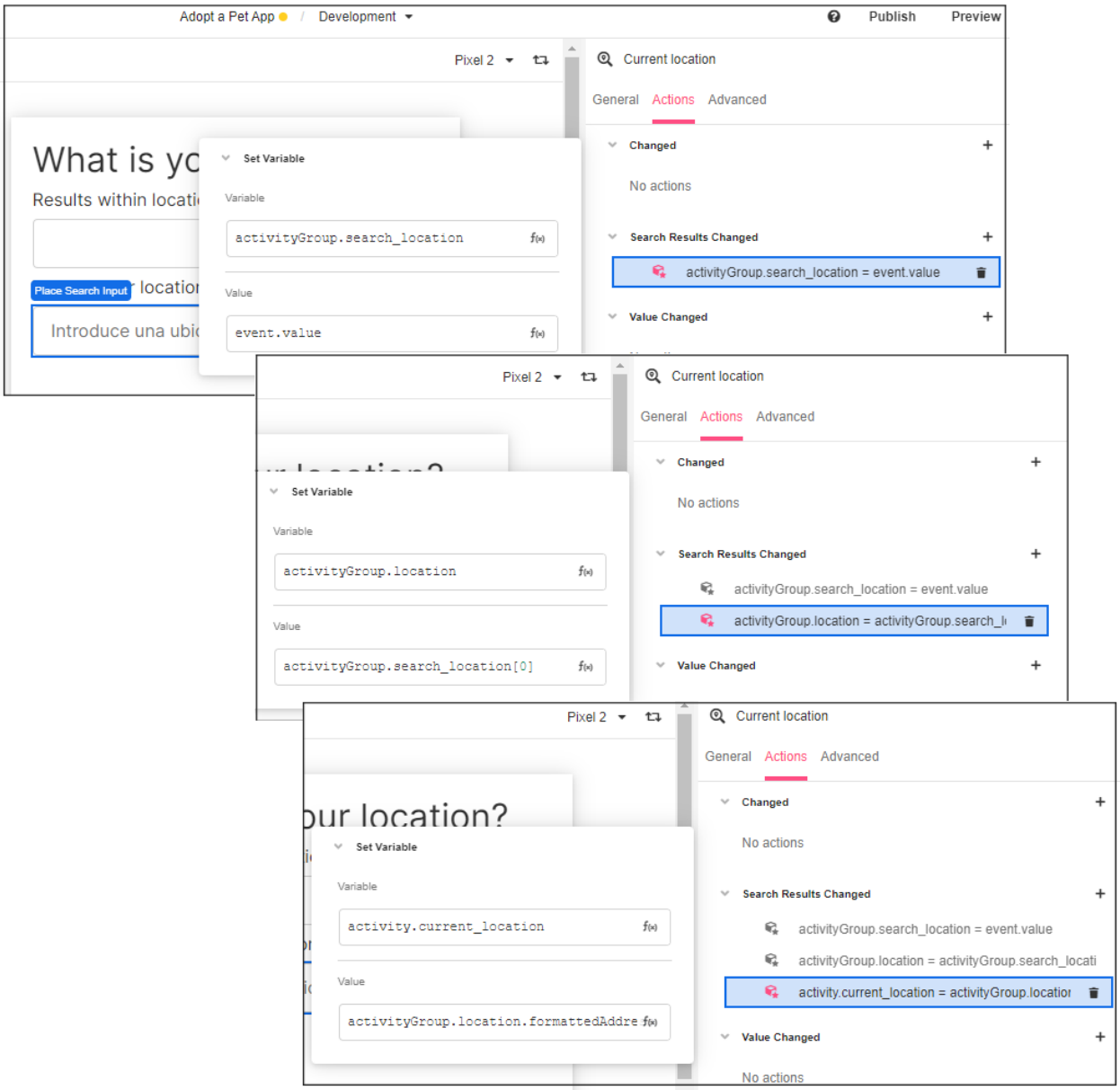


While on this control, go to the Actions tab, and in Search Results Changed, click on the '+' icon to add three Set Variable actions from the Data options.

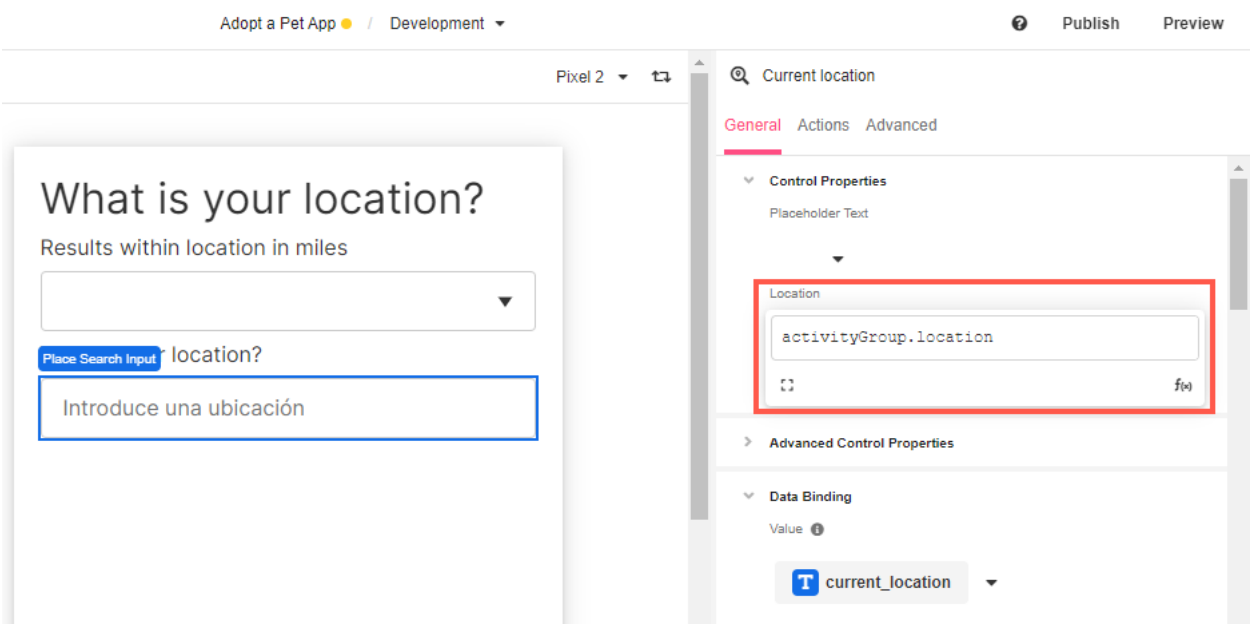


And this is how to configure them:

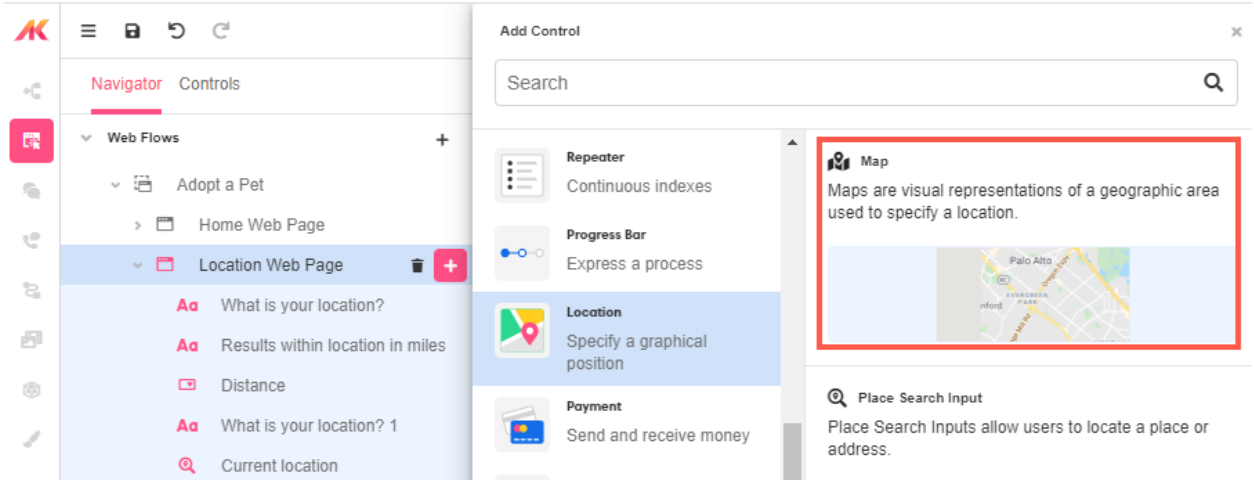
a. Variable: **activityGroup.search_location**
   Value: **event.value**
b. Variable: **activityGroup.location**
   Value: **activityGroup.search_location [0]**
c. Variable: **activityGroup.current_location**
   Value: **activityGroup.location.formattedAddress**



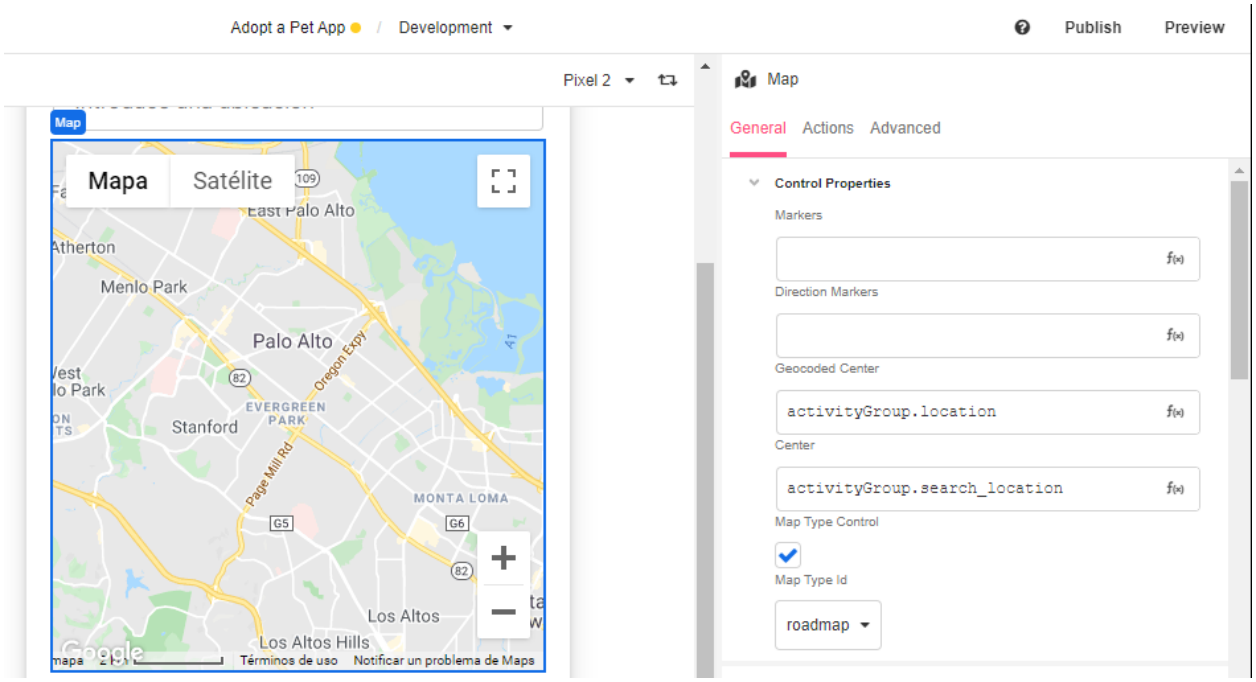
Finally, go to the General tab and change the location to **activityGroup.location**.



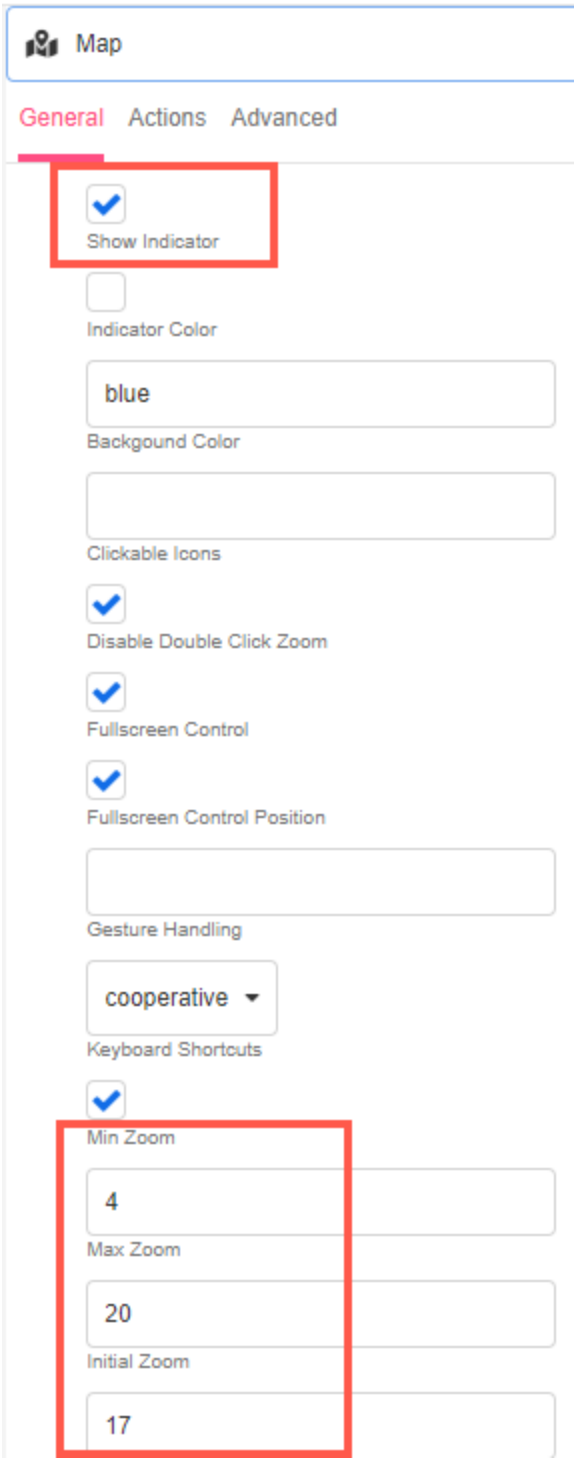
4. The next control we are going to add to this Web Page is Map, which you can find under the location category.



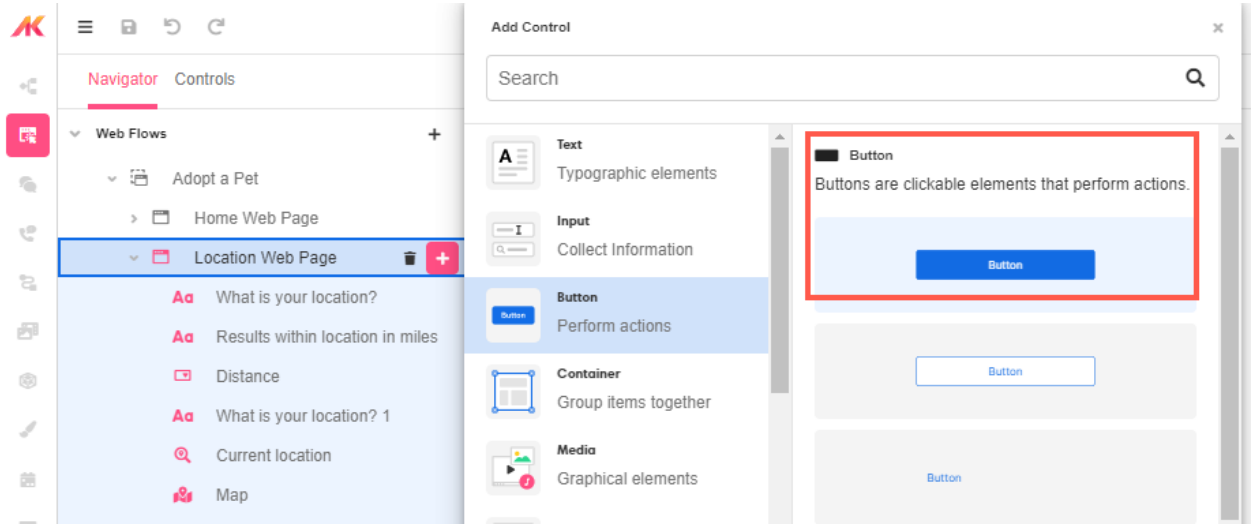
With the Map Control selected, go to the General tab, and in Control Properties enter the **activityGroup.location** Value for both Geocoded Center and Center:



Then, in Advanced Properties, scroll down to Show Indicator and check that box. Keep on scrolling and change the Min, Max and Initial Zoom to 4, 20 and 17, respectively.



5. Finally, add a Next Button to this Web Page to pass all the parameters we set above through a Data Flow.

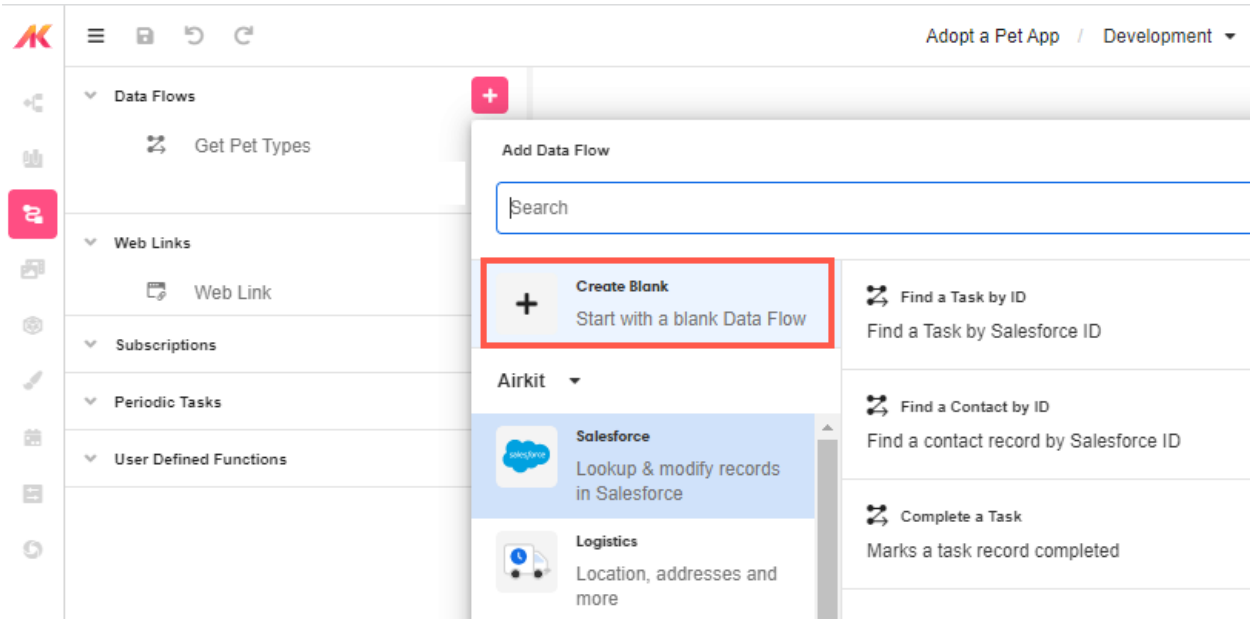


6. Save the app

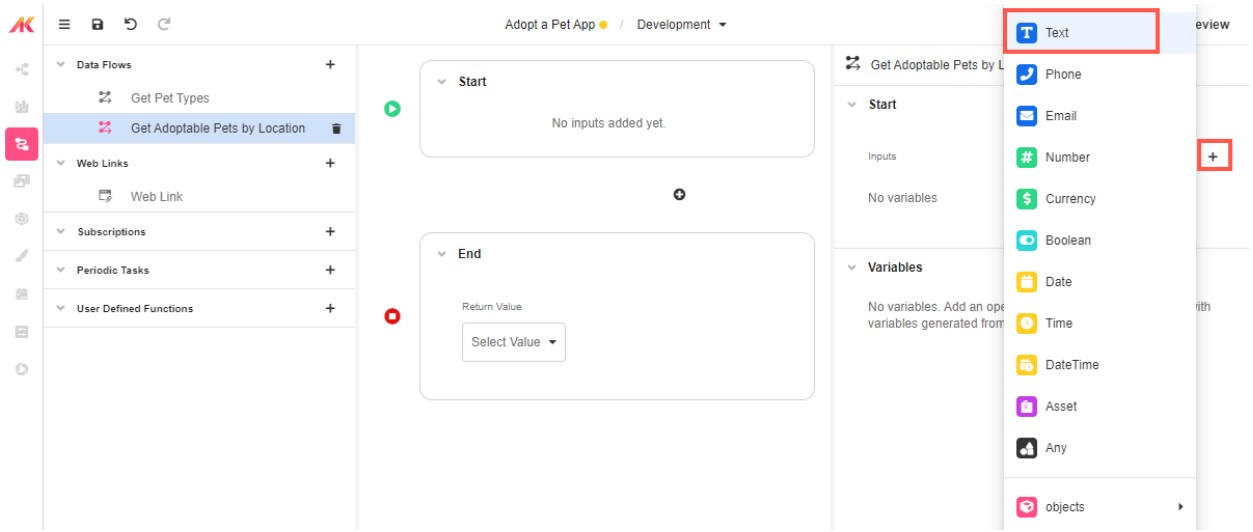
Creating the Data Flow

In order to pass data from the Petfinder Integration, we need to create and configure a Data Flow. Keep this reference documentation handy to complete some of the Data Flow steps.

1. In Configuration Builder, add a blank Data Flow and rename it to Get Adoptable Pets by Location.

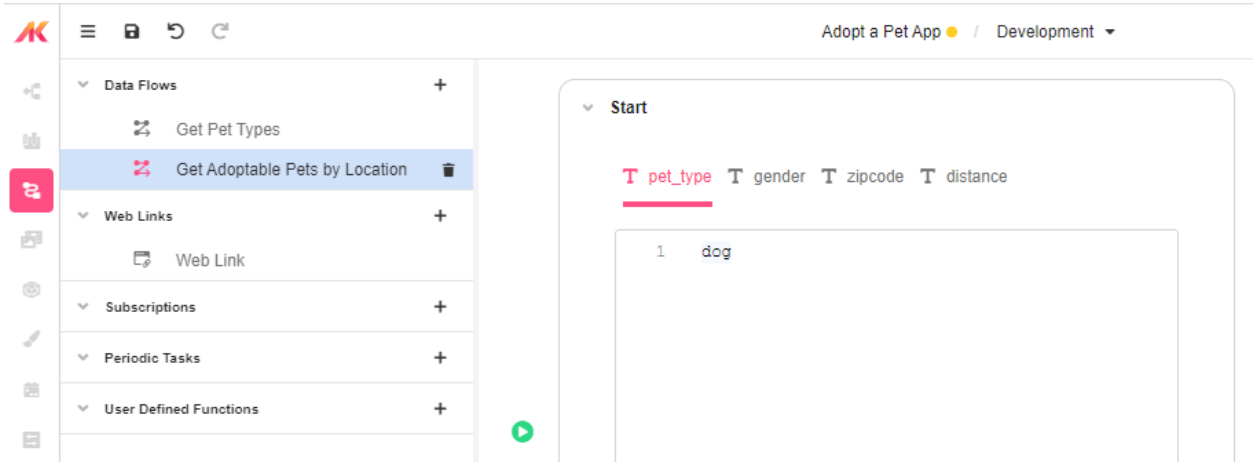


2. Then, on the Inspector Section, click on the '+' icon in the Start panel and add the following Inputs of type Text:
    a. **pet_type**
    b. **gender**
    c. **zipcode**
    d. **distance**

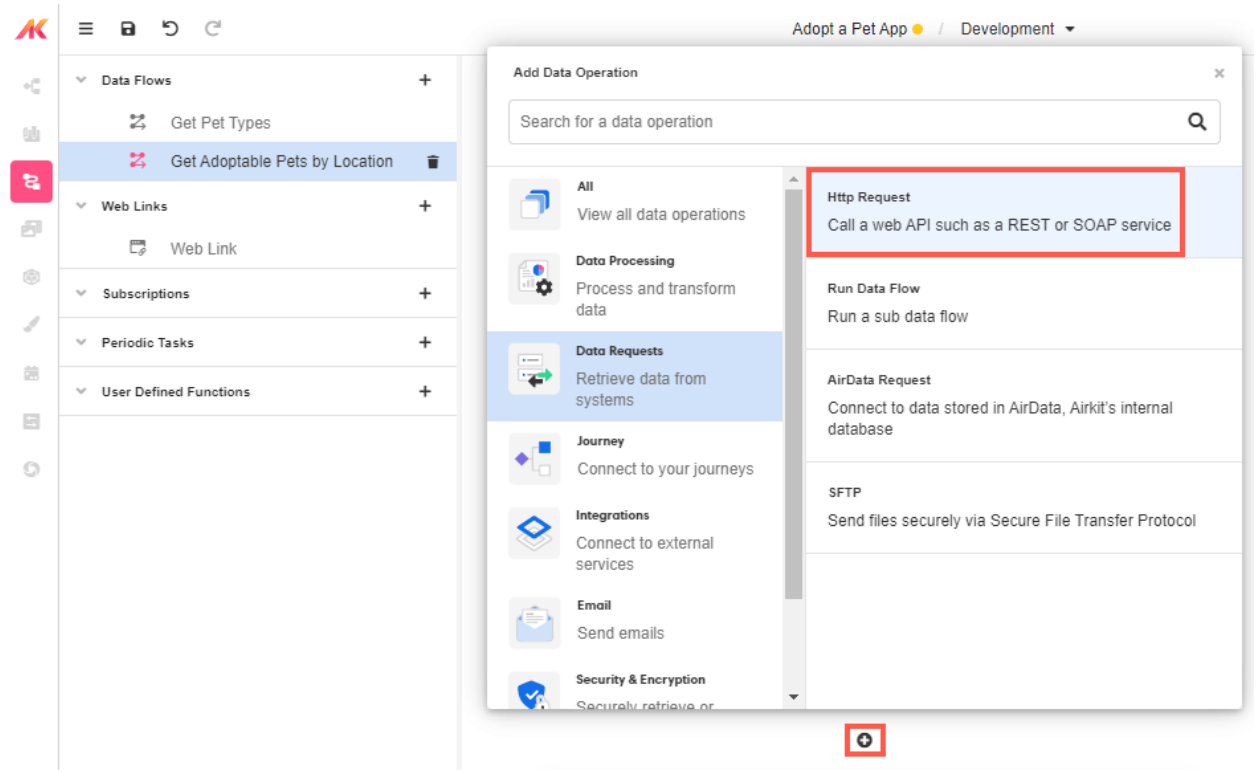


And enter some sample data to test each input, for example like this:

a. “Dog” in **pet_type**
b. “Female” in **gender**
c. “90210” in **zipcode**
d. “50” in **distance**

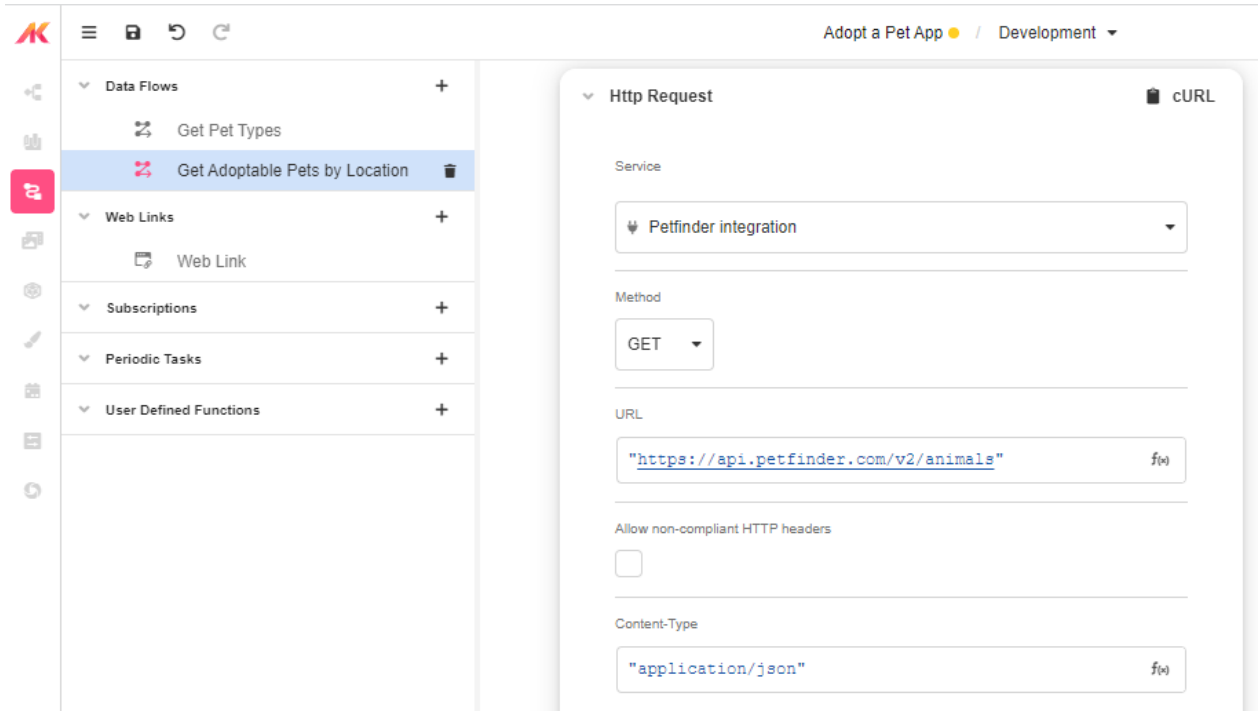


3. Following the Inputs, add an HTTP Request Data Operation, by clicking on the ‘+’ icon in the Tree section.



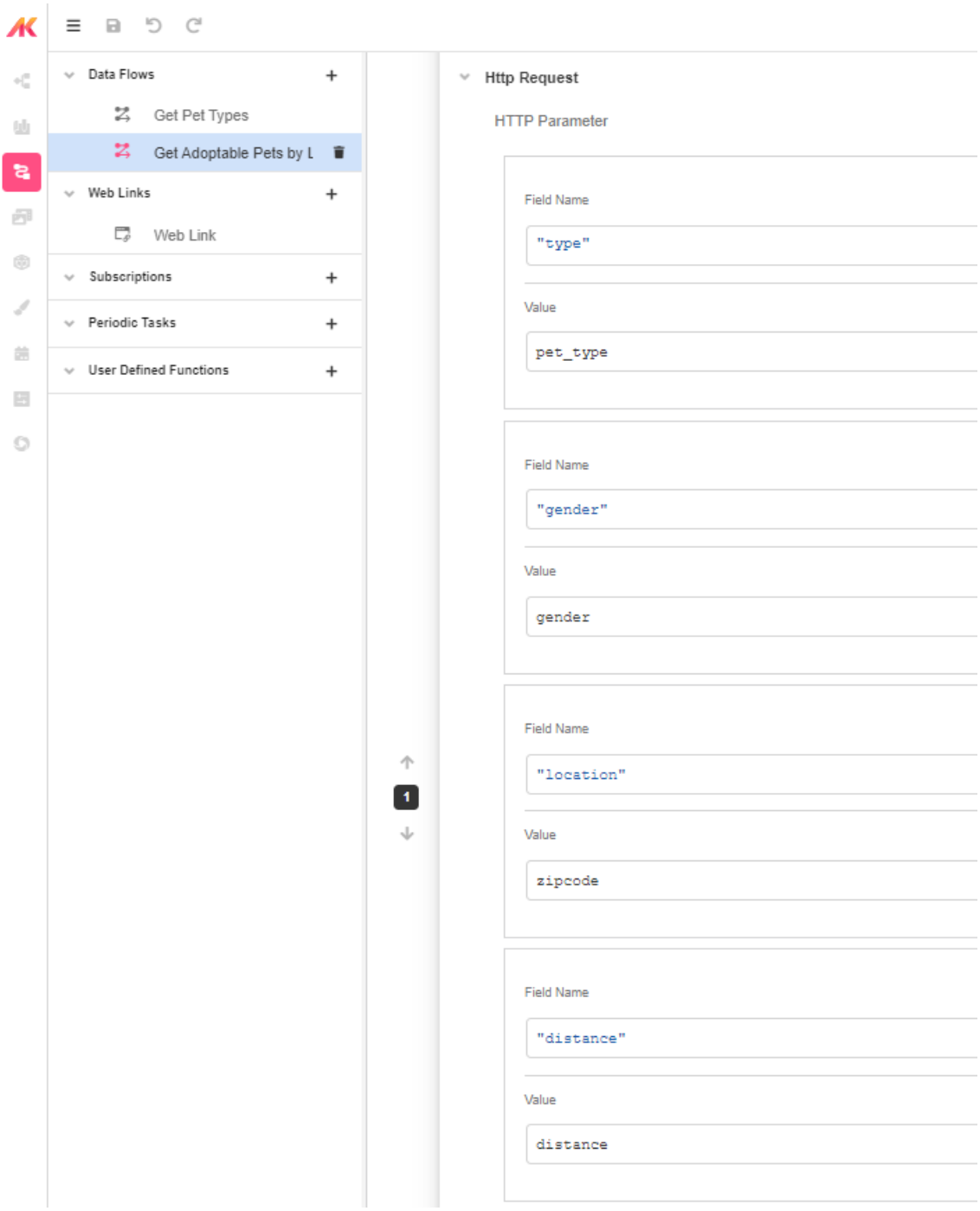
a. In Service, choose the Petfinder Integration.
b. In URL, copy and paste the following address:

[redacted]



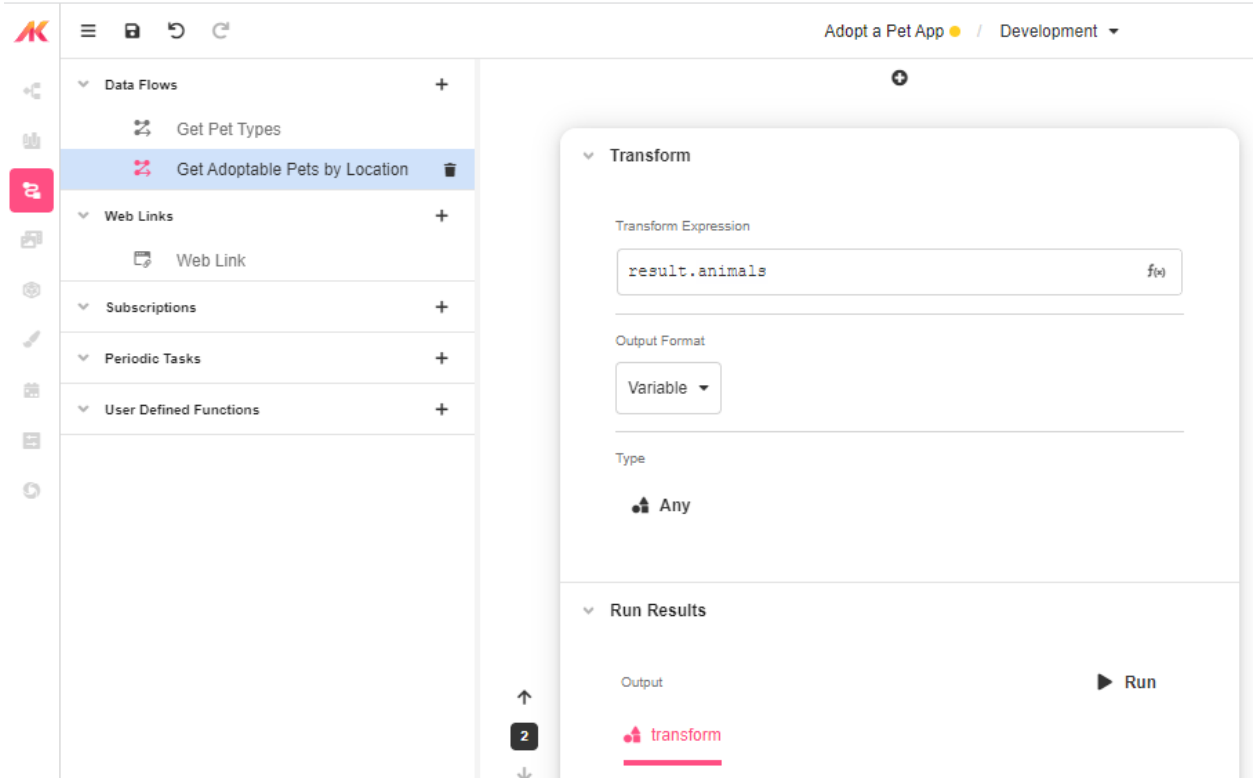
c. Then scroll down to Query Parameters and add the following four parameters:

i. Field Name: “type”
   Value: pet_type
ii. Field Name: “gender”
   Value: gender
iii. Field Name: “location”
   Value: zipcode
iv. Field Name: “distance”
   Value: distance

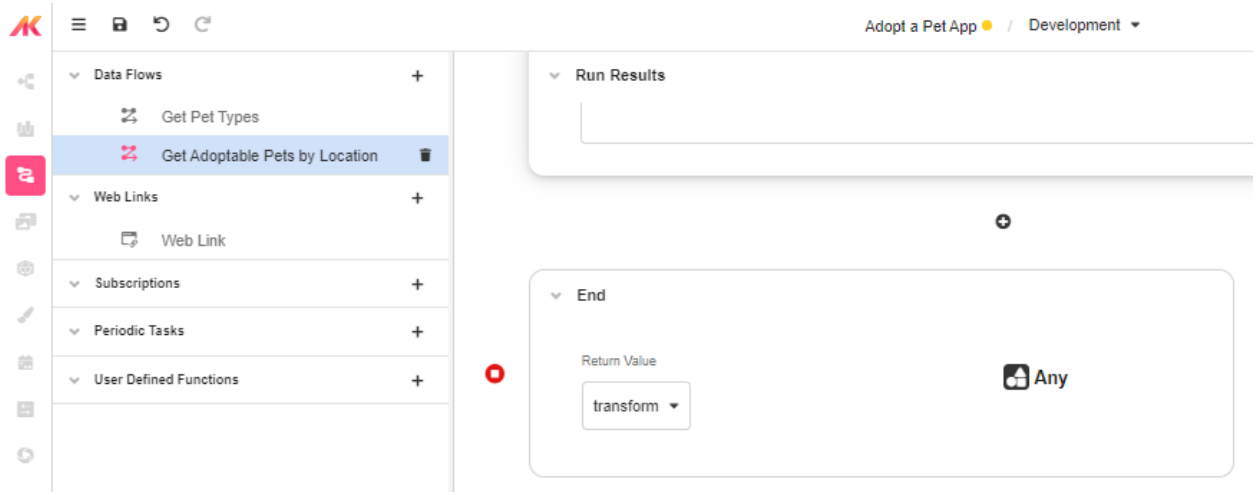


d. Hit on Run so that you can see the response that later on will be passed to the repeater to showcase the adoptable pets based on these parameters.

4. Add a Transform Data Operation and complete the Airscript Expression with “result.animals”



7. Finally, in End we are going to pass “transform” as the Output.

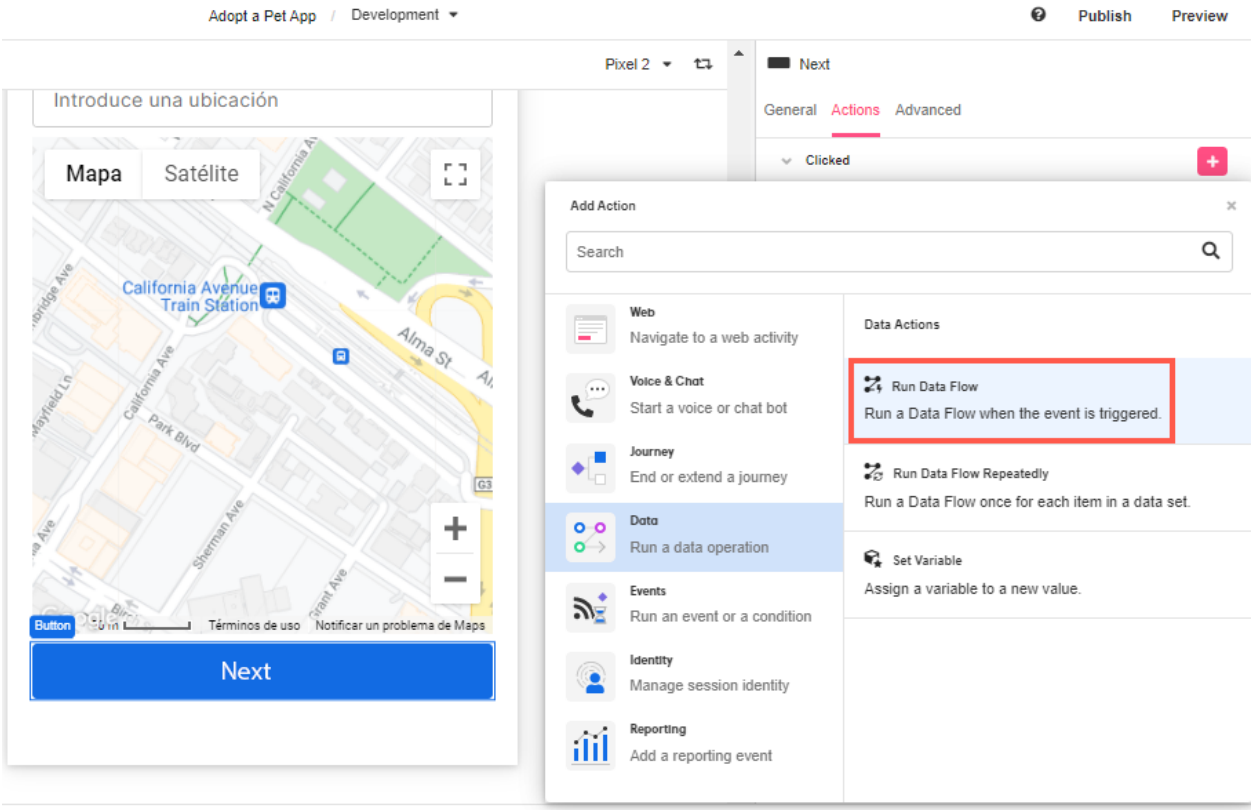


8. Save the app.

Connecting the Data Flow

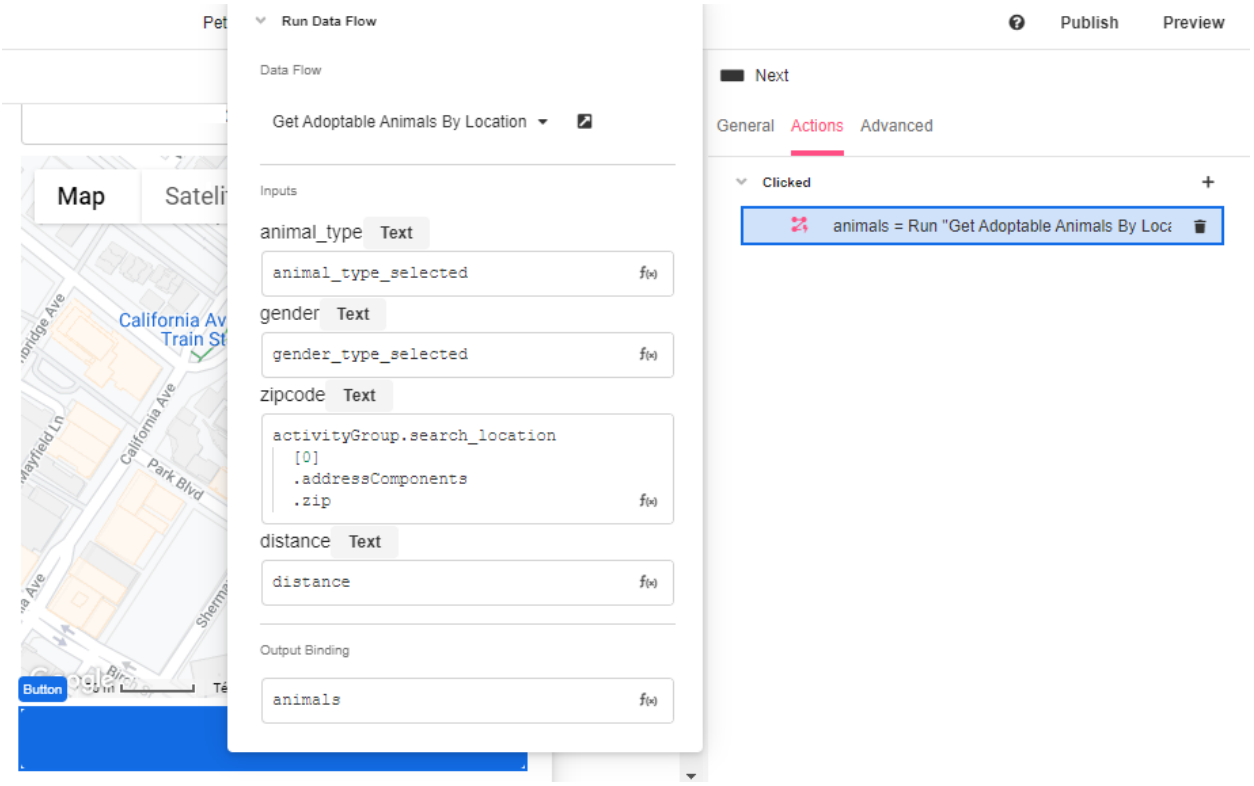
Go back to Web Builder to configure the Next Button you added last when building the app’s UI.

1. Standing on the Button, go to the Inspector section and in Actions > Clicked, click on the '+' icon to add a Run Data Flow Action.

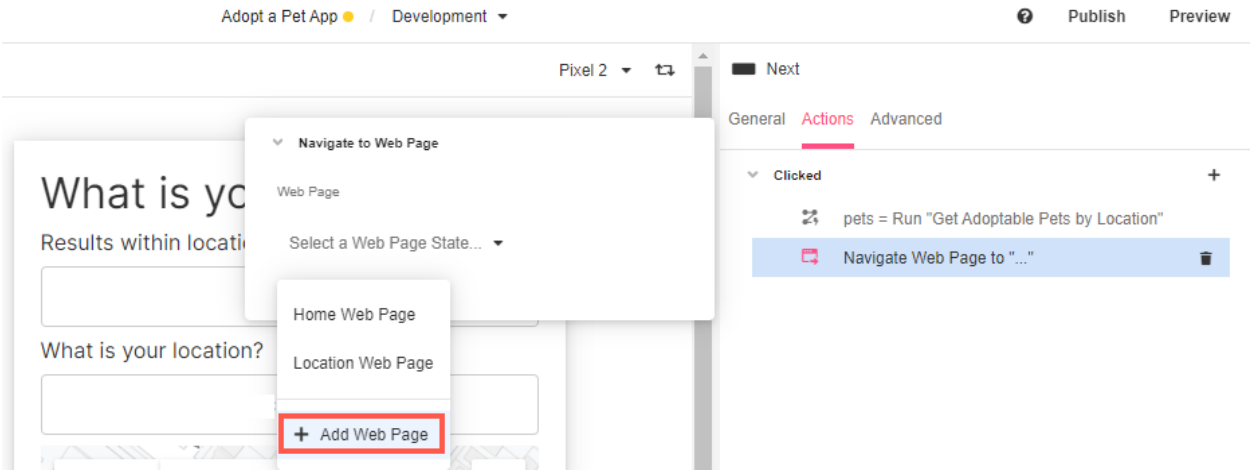


Select the Get Adoptable Pets by Location Data Flow and configure the Inputs and Output Binding like this:

a. For animal_type enter **pet_type_selected**
b. For gender enter **gender_type_selected**
c. For zipcode enter:
   activityGroup.search_location
   [0]
   .addressComponents
   .zip
d. For distance enter **distance**
e. In Output Binding, enter **pets**



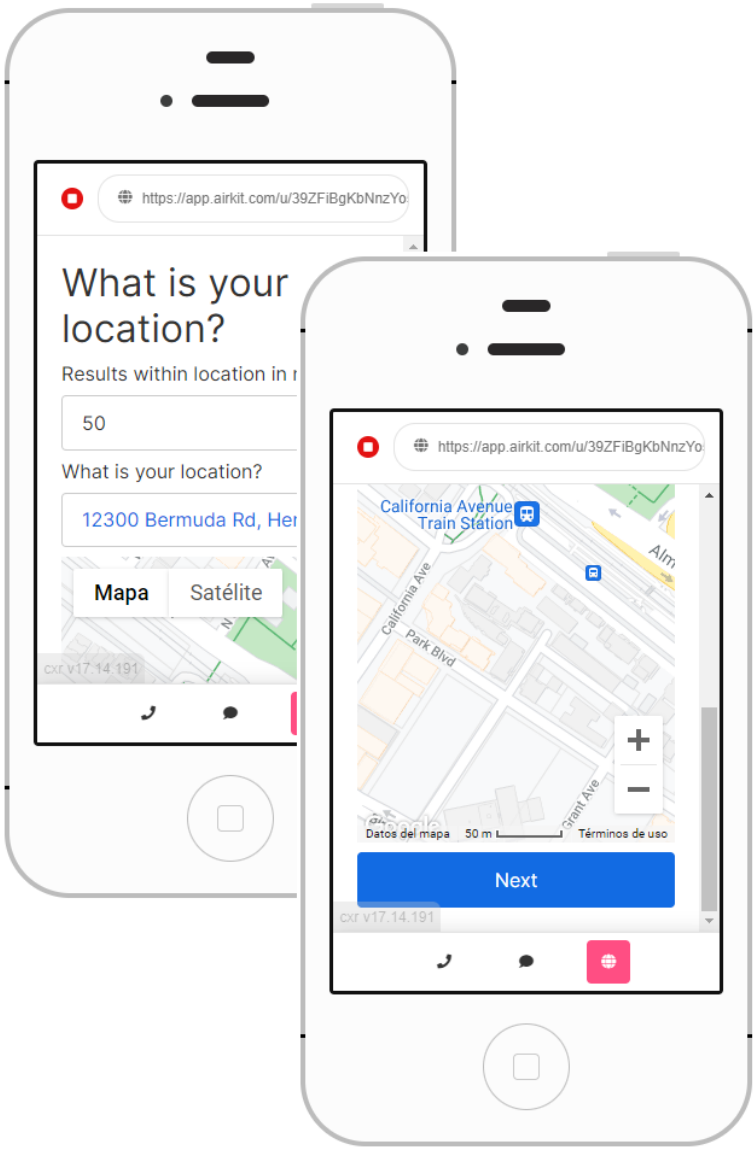
2. Finally, let's add a Navigate to Web Page Action to this same button and add a New Web Page to continue building the app in the next Chapter.



3. Save the app.

Previewing the Location Web Page

Go to Preview to check that the Location Web Page of your app is running smoothly. Choose the miles around the address, enter the exact address and then click on Next.


https://app.airkit.com/u/39ZFiBgKbNnzYo
What is your location?
Results within location in
50
What is your location?
12300 Bermuda Rd, Her
Mapa
Satélite
cxr v17.14.191
https://app.airkit.com/u/39ZFiBgKbNnzYo
California Avenue Train Station
California Ave
Park Blvd
Grant Ave
Datos del mapa
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Términos de uso
Next
cxr v17.14.191