

Information on Low Cost Mapping Tools for Community-based Organizations

Los Ranchos de Albuquerque

Welcome



Information on Low Cost Mapping Tools for Community-based Organizations

Los Ranchos de Albuquerque

Kurt Menke GIS Specialist

Community Health Maps Project Funded by the National Library of Medicine



Information on Low Cost Mapping Tools for Community-based Organizations

Los Ranchos de Albuquerque

LOCATION MATTERS!

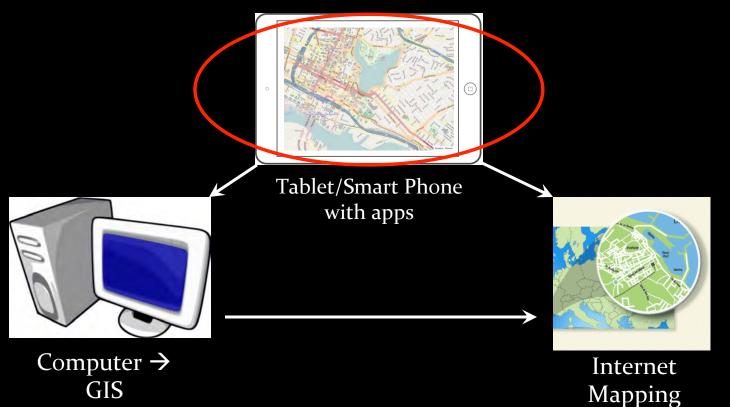
Let's Make a Map!

1. Build a Data Collection Form

2. Collect Data

3. Map it!

The Community Health Mapping Workflow



Tools

1. This Presentation

2. Handouts

3. Community Health Maps Lab Series

Agenda

```
8:30 – 9:30 Building data collection form
```

9:30 – 10:00 Collecting data

10:00 – 10:15 Break

10:15 – 11:00 Mapping data online in CartoDB

11:00 – 12:30 Desktop Mapping with QGIS

Let's Make a Map!

1. Build a Data Collection Form

2. Collect Data

3. Map it!

Plan Data Collection

Where is the closest tree? (location)

How far is my car from the front door? (proximity)

How many lunch benches surround the casino? (density)

Today's Form

This morning we will collect locations of:

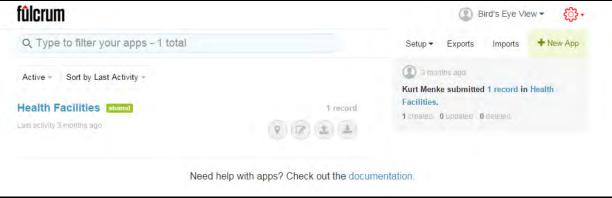
- Benches
- Signs
- Trees
- Bike racks

Label (Question)	Field Type
What type of infrastructure is it?	Multiple Choice
What is the capacity of the bike rack?	Numeric
How many bikes are there?	Numeric
What type of sign?	Text
What type of tree?	Text
Take a photo	Photos
Todav's Date	Date

Login in to FulcrumApp.com

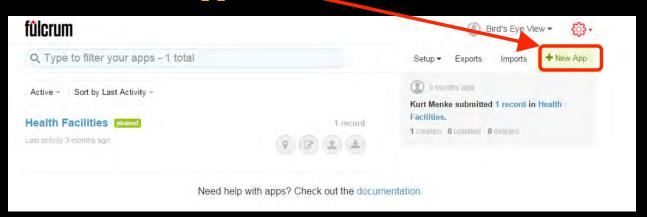
On your laptop computer in a web browser:





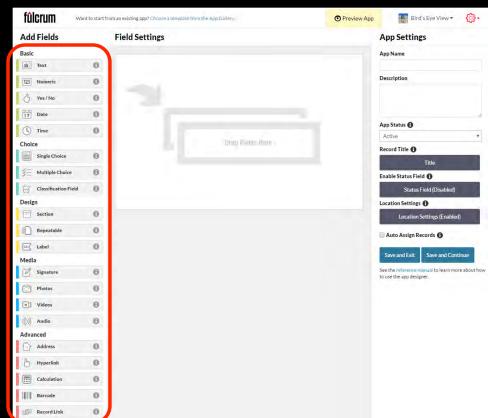
Create a New App (aka data collection form)

Click on the **New App** button



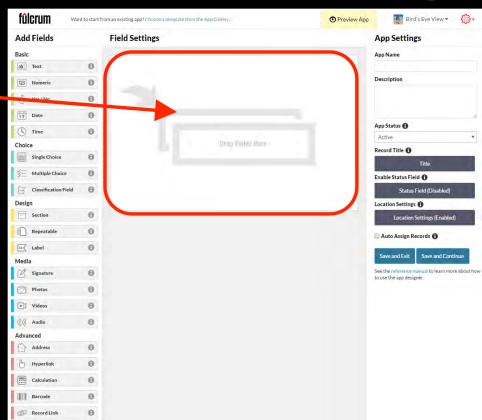
Fulcrum App Designer opens

Types of fields you can add!



Your App: Field Settings

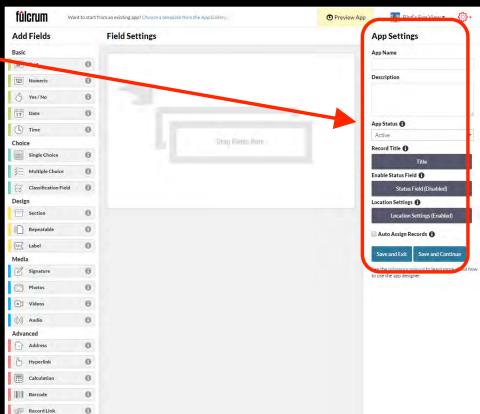
Build your form here by dragging and dropping fields



App Settings

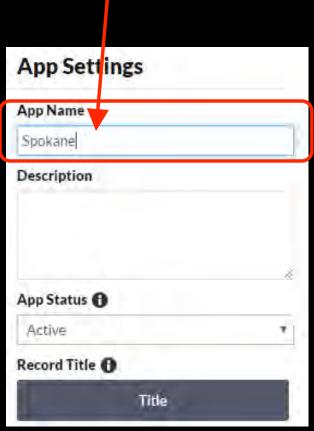
Settings:

App name
Description
Save buttons



Name your App

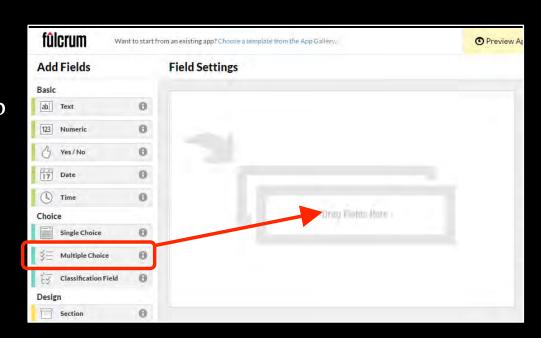
Name your app
Spokane



Add First Field

Drag and drop a

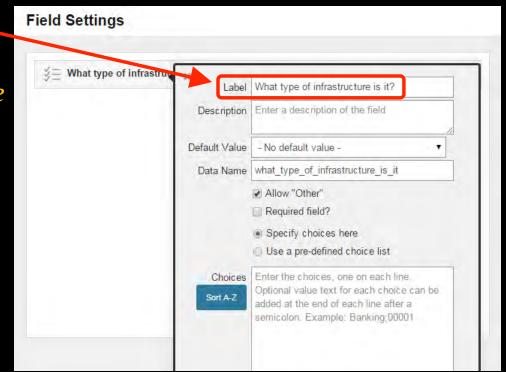
Choice
→ Multiple
Choice field
onto your App



Fill in the Field Parameters

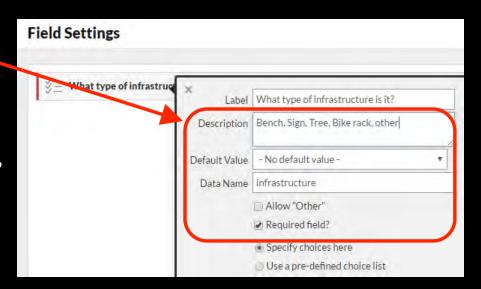
Label:

What type of infrastructure is it?

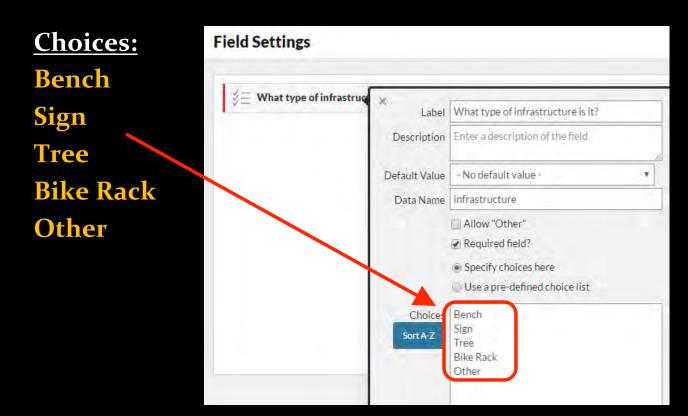


Fill in the Field Parameters

- Description:
- Default Value:
- Data Name:
- infrastructure
- Allow "Other"
- Required field?



Populate the Choices



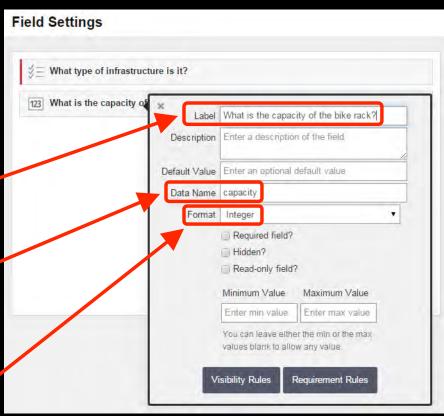
Add Field #2 - Capacity

Drag a Basic >
Numeric field
onto your app

Label: What is the capacity of the bike rack?

Data Name: capacity

Format: Integer



Add Field #3 - # Bikes

Drag a Basic
→ Numeric field
onto your app

Label: *How many* bikes are there?

Data Name: num_bikes

Format: Integer



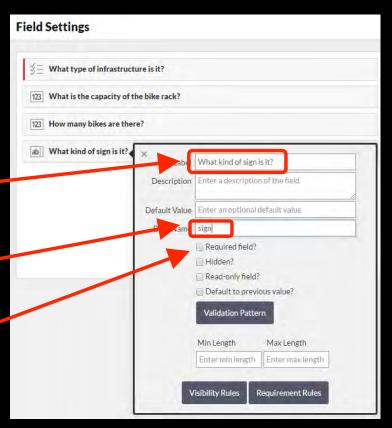
Add Field #4 - Type of Sign

Drag a Basic →
Text field onto
your app

Label: What kind of sign is it?

Data Name: sign'

Required field?



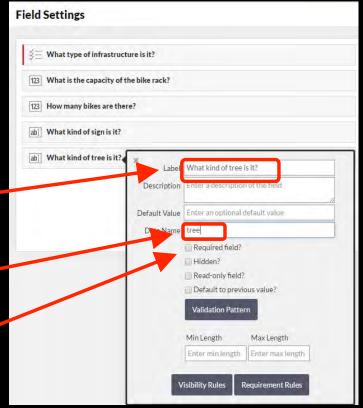
Add Field #5 – Type of Tree

Drag a **Basic** → **Text** field onto your app

Label: What kind of tree is it?

Data Name: tree

Required field?

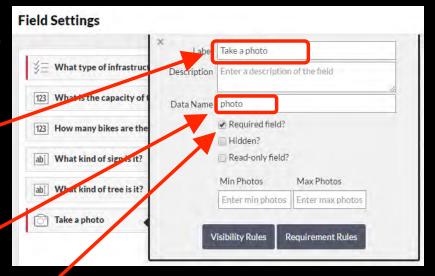


Add Field #6 - Photo

Drag a Media → Photos field onto your app

Label: *Take a* photo.

Data Name: *photo*



Required field?

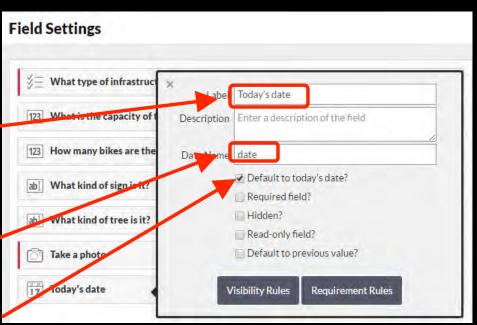
Add Field #7 – Today's Date

Drag a Basic →
Date field onto
your app

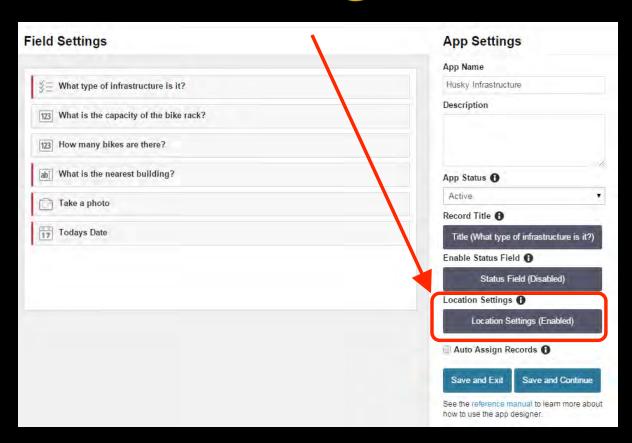
Label: *Today's* Date

Data Name: date

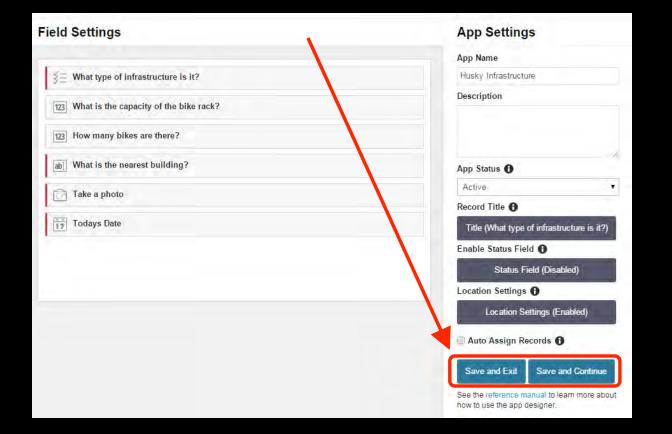
Default to today's date



Location Settings → Enabled



Save and Exit



App Completed

fûlcrum

Your new app has been successfully created.



Spokane

(3) No records collected

Activity Settings Members Data Share



0 records There is no activity for this app yet.

6

1 contributor

View Data

19

Edit App

3

Duplicate App

4

Import Data

1



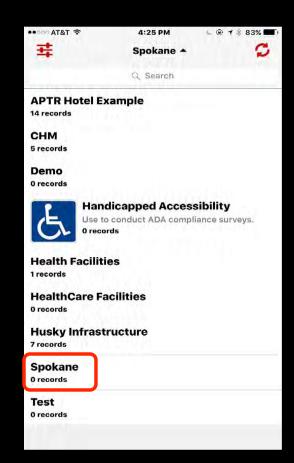
Load Your Form

Open the Fulcrum app on your mobile device

If you haven't done so, log in using your user name and password.

Once you log in or tap

Sync all your forms will to downloaded to your device.



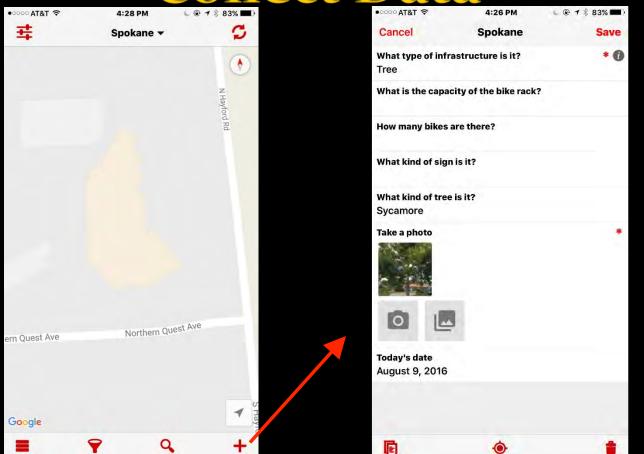
Let's Make a Map!

1. Build a Data Collection Form

2. Collect Data

3. Map it!

<u>Collect Data</u>



Go out and collect at least 10 points

Some benches, some signs, some trees...

Be Back by 10:00!!!



Information on Low Cost Mapping Tools for Community-based Organizations

Los Ranchos de Albuquerque

Are there any questions?

Fulcrum – Subscription Plans

• Pricing

