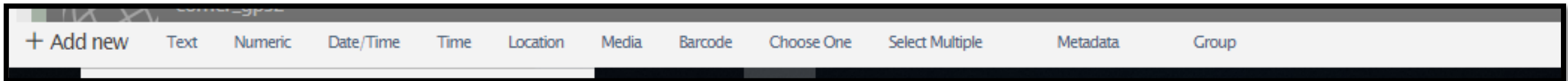# How can Open Data Kit improve your research?
by Sarah Seehaver Eagen July 2019

- Free, Open Source, (opendatakit.org) online form builder for collecting data offline, paperless

- Creates stepwise logic questions to fill data

  - Step-by step-Instruction
  - Each step in survey would correspond with column headers in excel or database
  - Good for users new to protocols and for controlled data entry from multiple users

- Form can be pushed to an Android App (XML form)

- Form collects data into a central location, database

- Form creator chooses order and type of data that collectors are restricted to

  - ie: multiple choice question, number, barcode, geospatial, etc

Example of an ODK Build Form for GPS points, with multiple types of data.

Question 2 "Farm Code" Data Type: Text or Barcode

Editor's box
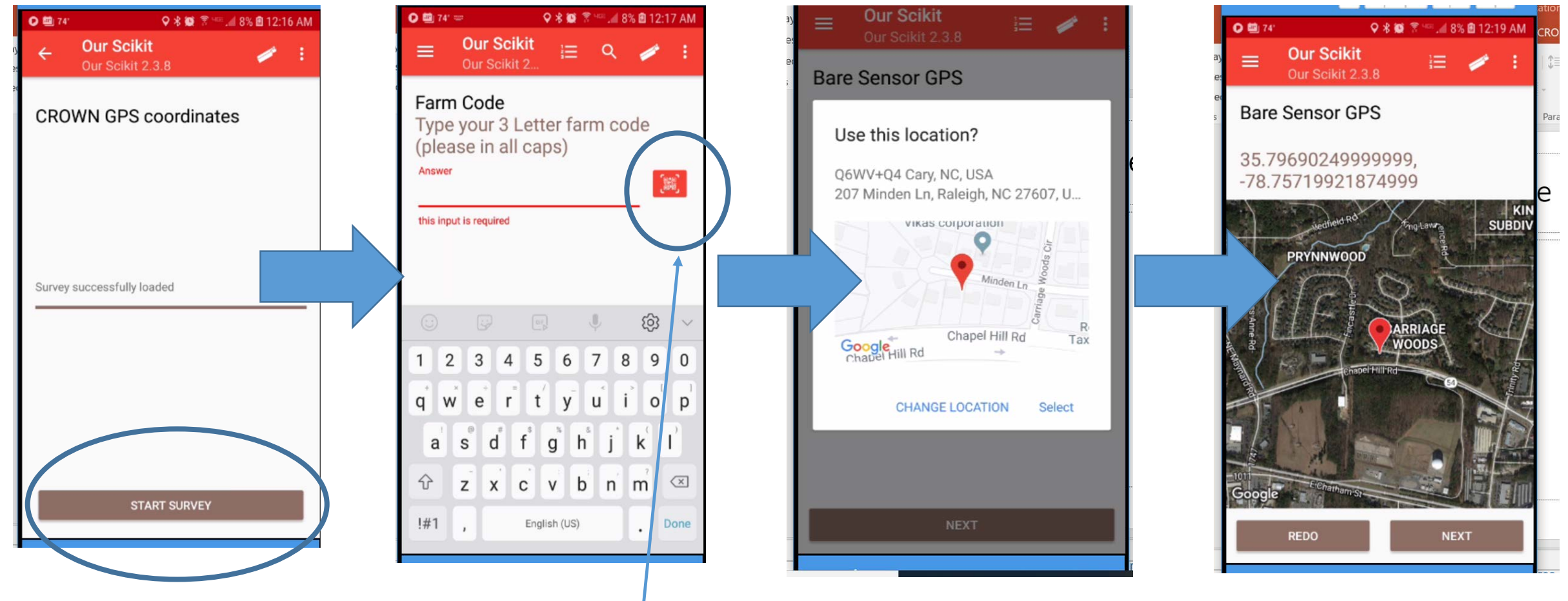

"Data Name" Uniform name in database (ie: code)

"Label" What is looks like in a form (ie: Farm Code)

"Hint" = Protocol Instructions

Add custom (ie: Required data)

More Restrictions (ie: must be 3 characters)

What that ODK form looks like in an app, example Our Sci

Barcode scan with camera or USB scanner

In ODK Build, Export XML form to survey tool/ app for Offline Data Collection in an Android App, Phone or Tablet

Stores information until user has a Wi-Fi connection.
Will alert if data is missing to resolve issues.