



# *EpiCollect5* *for Data Collection*

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*Badan Informasi Geospasial*



# EpiCollect5



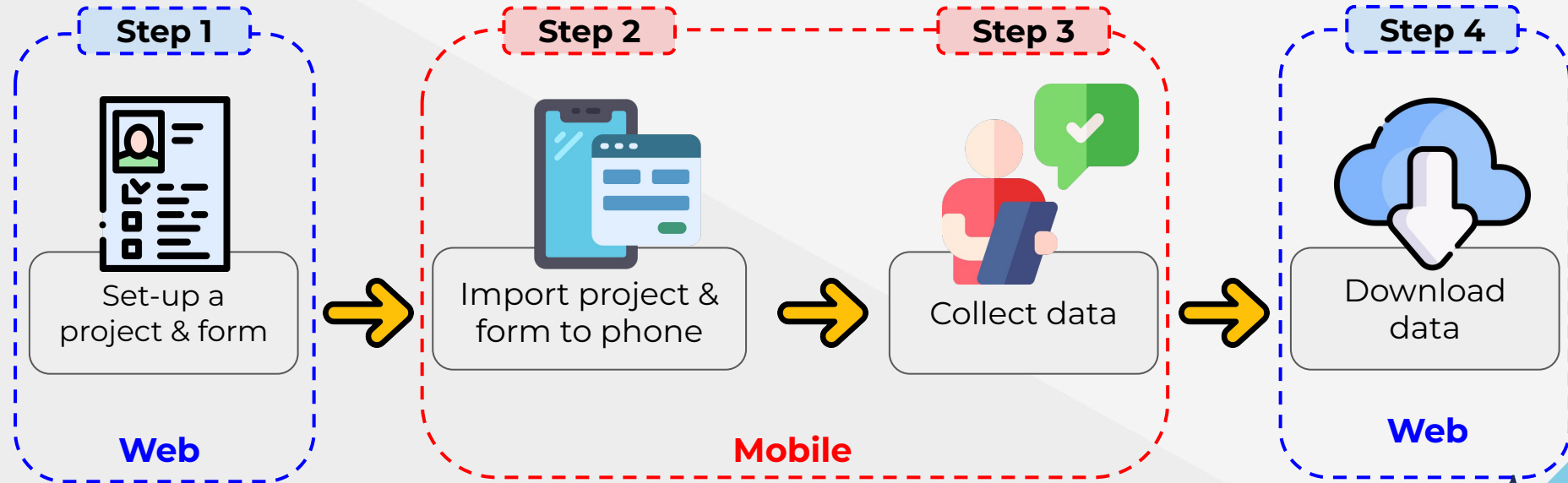
**Android (6+) & iOS (12+)**  
Data collection (point only)



**Web**  
Data collection + project &  
form set-up, data download



# What Do I Do?





# Step 1

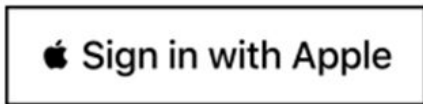
## Setting Up Project & Form





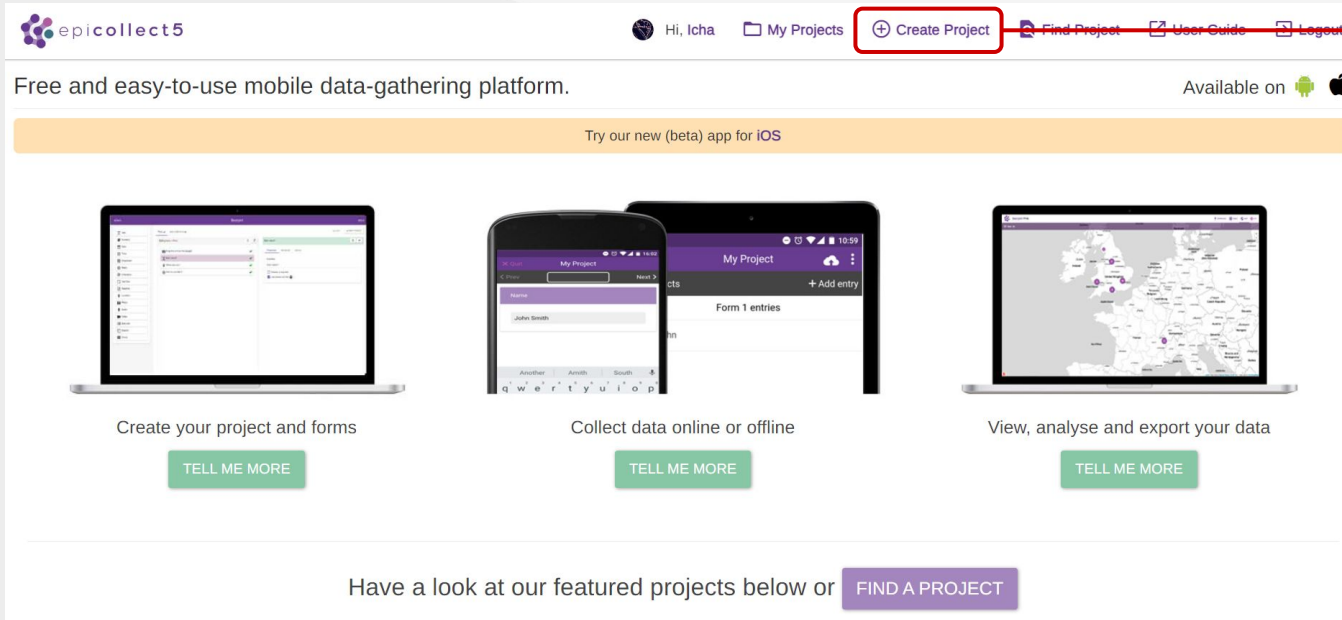
# Login on Web

Access [five.epicollect.net](https://five.epicollect.net) and **Login**  
using **Google/Apple Account**



# Set-Up Project & Form (1)

Click on **Create Project**



The screenshot shows the epicollect5 website interface. At the top, the navigation bar includes the logo, the text 'Hi, Icha', 'My Projects', a red-bordered button with a plus sign and the text 'Create Project', 'Find Project', 'User Guide', and 'Logout'. Below the navigation bar, the main heading reads 'Free and easy-to-use mobile data-gathering platform.' and 'Available on' followed by Android and Apple logos. A yellow banner below this says 'Try our new (beta) app for iOS'. The main content area features three columns: 1) 'Create your project and forms' with a laptop image and a 'TELL ME MORE' button; 2) 'Collect data online or offline' with a smartphone and tablet image and a 'TELL ME MORE' button; 3) 'View, analyse and export your data' with a laptop image showing a map and a 'TELL ME MORE' button. At the bottom, there is a purple button that says 'FIND A PROJECT'.

 **Create Project**





# Set-up a Project & Form (2)

From scratch

New Project Import Project

Project name

Bali\_1\_Icha

Max 50 chars

Project JSON

Choose File Example of Epicollect5 Project.json

IMPORT PROJECT

Import a pre-designed project

1. Project name: Bali\_group  
number\_yourname

2. Select pre-designed project

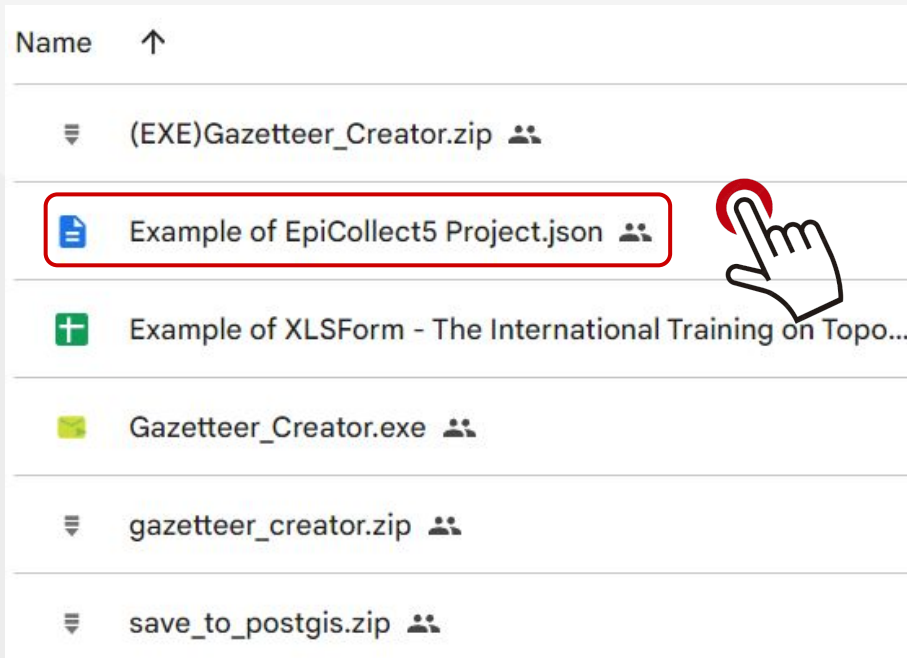
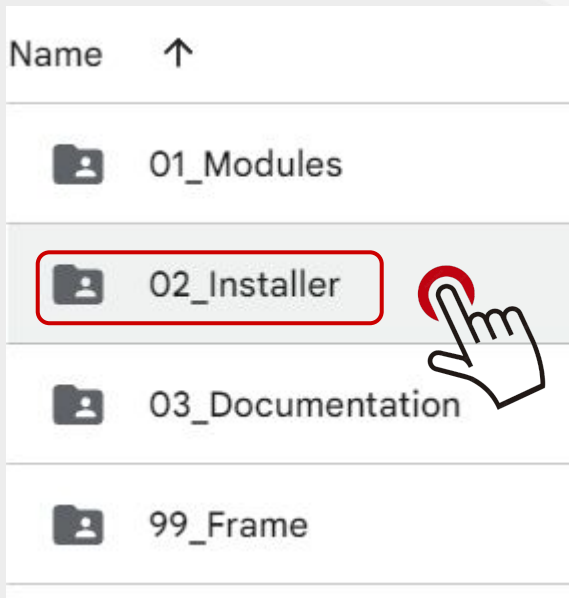
3. Import project





# Download Pre-Designed Project

Go to [toponim.id/2023/modules](https://toponim.id/2023/modules)







## Step 2

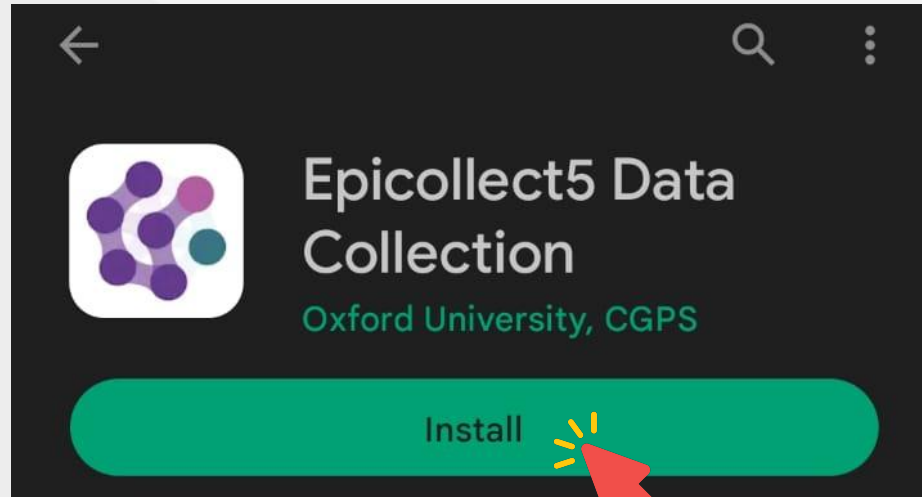
# Importing Project & Form to Phone





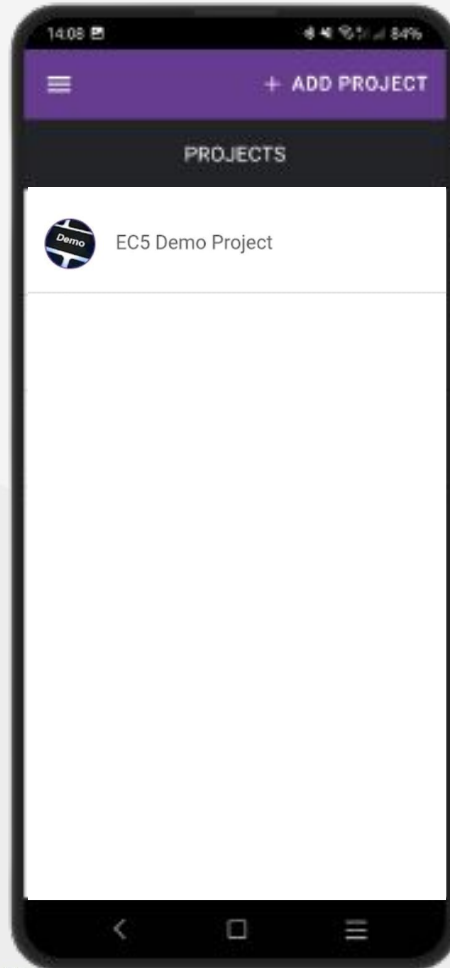
# Install

Google Play Store/App Store: **Epicollect5**



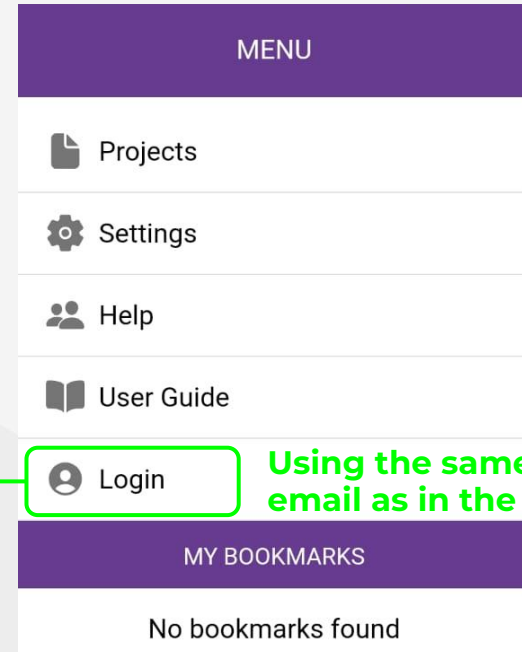
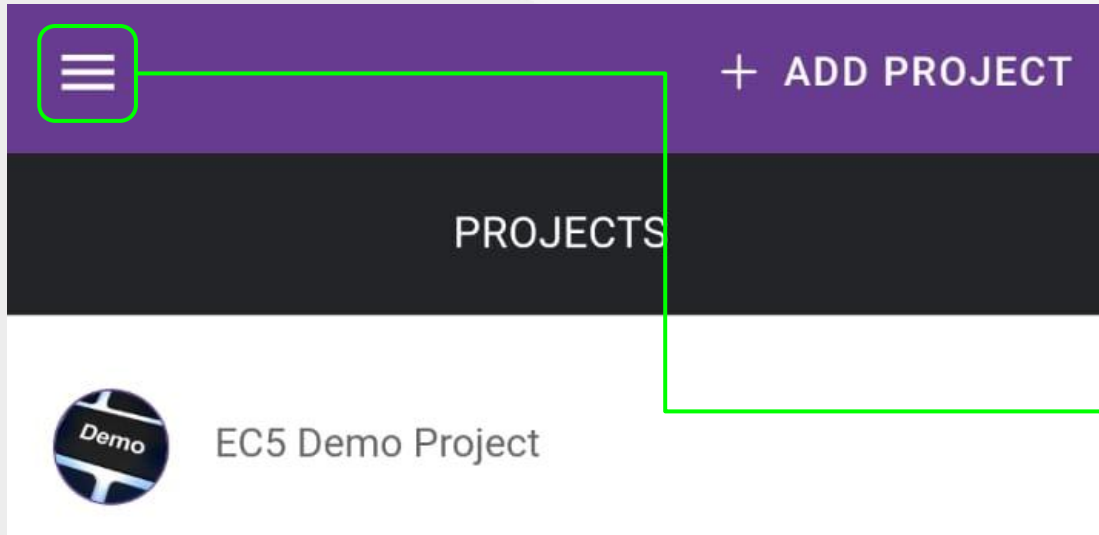


# First Look of Epicollect5 Mobile App





# Login on Mobile

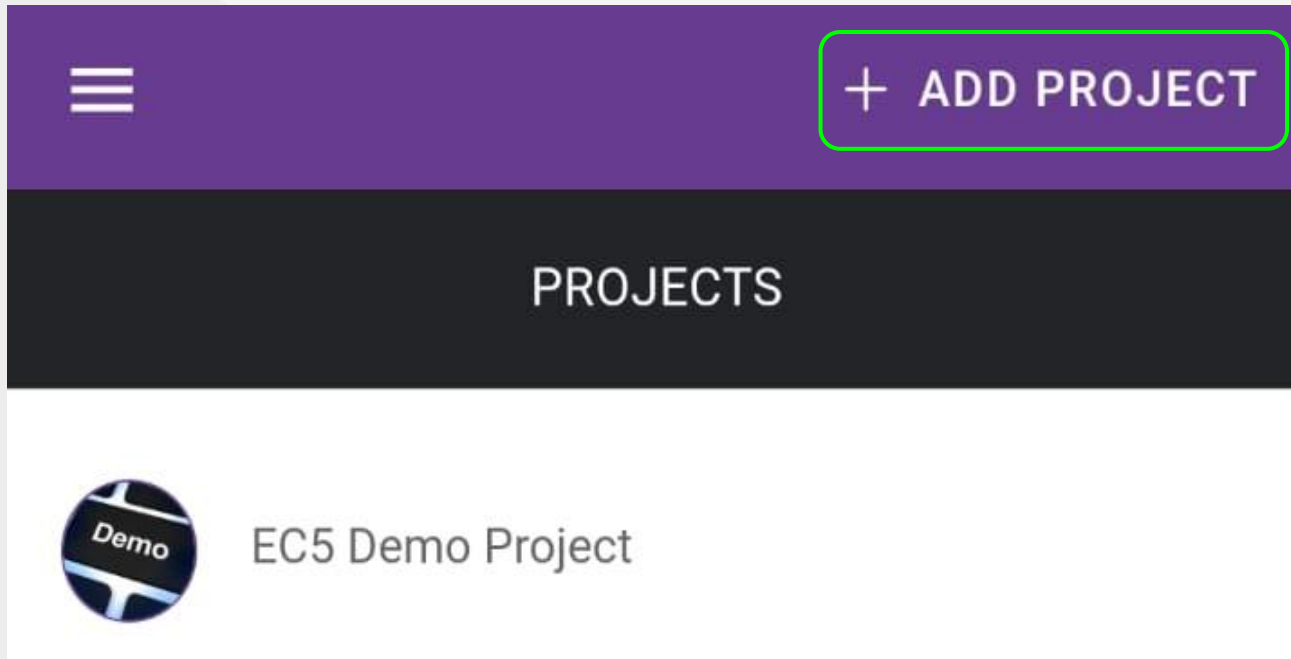


Using the same  
email as in the web





# Import Project to Phone (1)

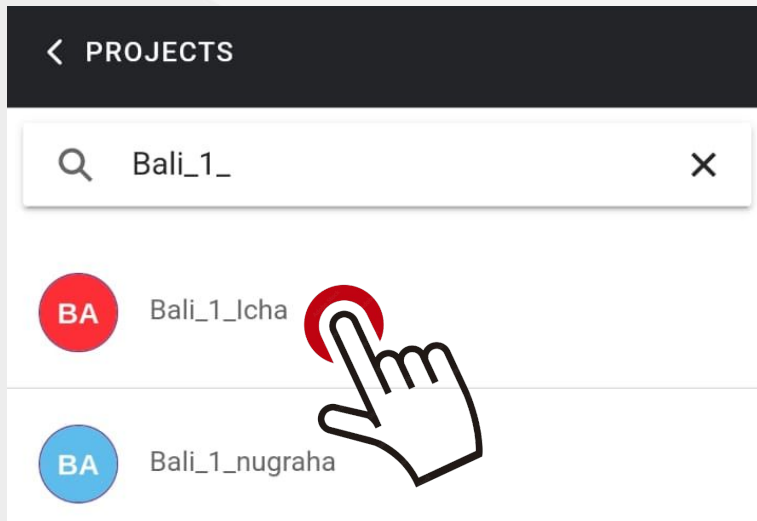




## Import Project to Phone (2)

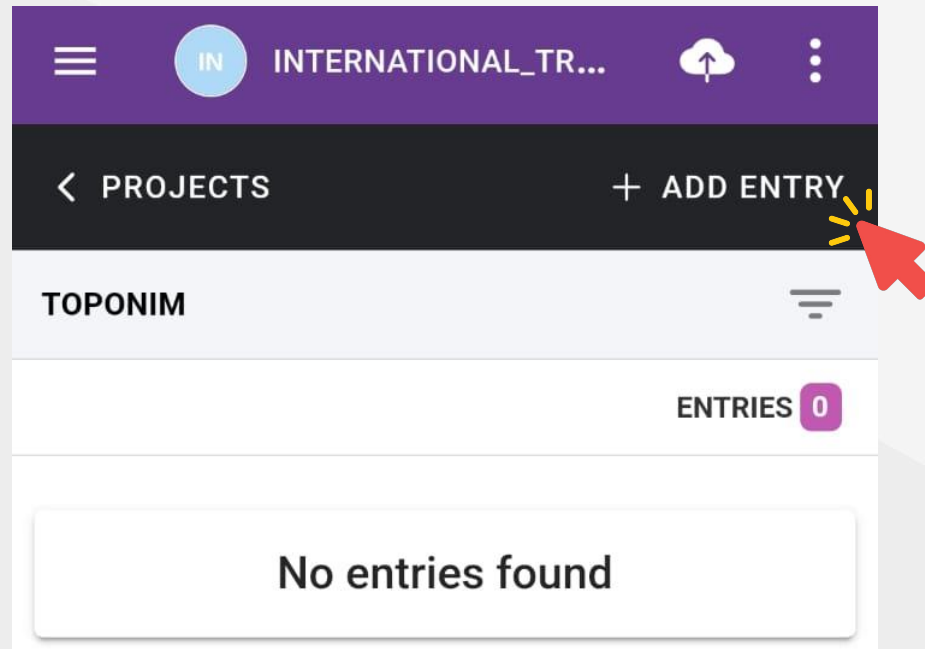
Click on **your project name**

(Make sure you **choose your own project**. If you choose the wrong project, your data will be stored in another's account)



# Add Entry

Click **Add Entry** to start collecting data





## Step 3

# Collecting Data







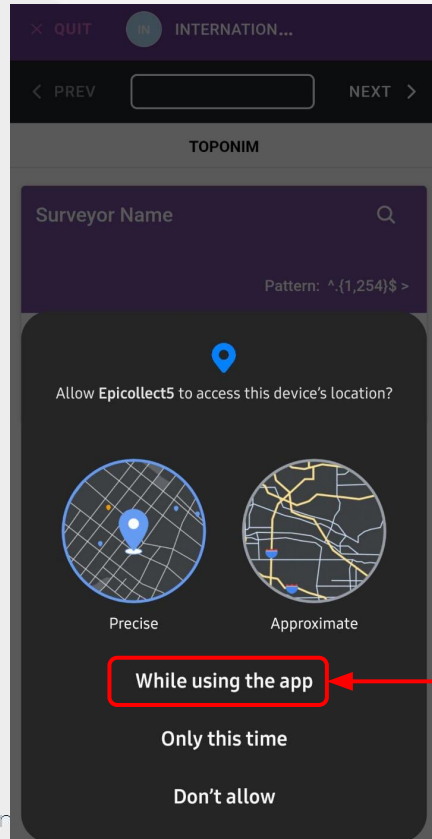
# Example of Questions

- Place Name
- Variant Name/Alias/Popular Name
- Province/State, Regency, District
- Surveyor Name
- Survey Date
- etc





# Notes for Data Collection (1)



If this notifications popped up,  
choose **While using the app**





## Notes for Data Collection (2)

- **Mandatory questions** are marked with an **asterisk (\*)** that says **“\*this field is required”**

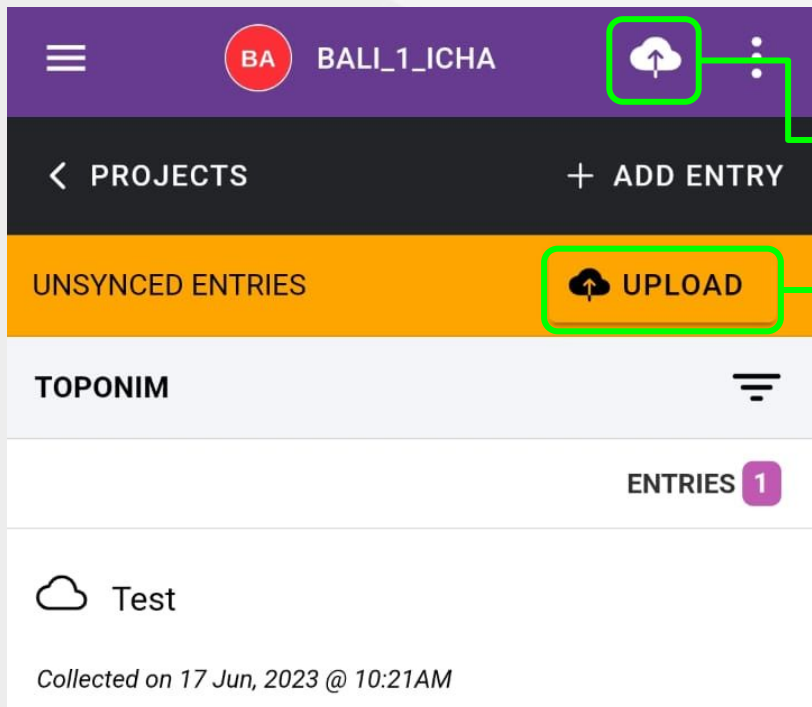
The screenshot shows a mobile application interface for data collection. At the top, there is a purple header with a 'QUIT' button and a user identifier 'BA BALI\_1\_ICHA'. Below this is a navigation bar with 'PREV' and 'NEXT' buttons. The main section is titled 'TOPONIM'. A purple card contains the label 'Surveyor Name' and a search icon. Below the card, the text 'Pattern: ^.{1,254}\$ >' is visible. A white text input field is shown with a red dashed box around it and a red arrow pointing to the asterisk in the error message '\* This field is required'.

- **Locations:** only record phone's location, cannot be used for digitizing

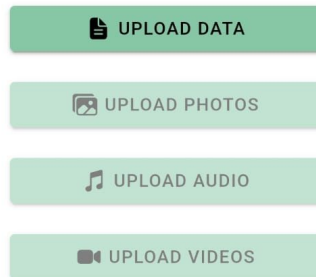




# Don't Forget to Upload Your Data



Click **Upload**



\*Data, photo, voice will be uploaded separately





## Step 4 Downloading & Converting Data





# Downloading Data (1)

Hide	Question	Mapping To
<input type="checkbox"/>	Surveyor Name	<i>surveyor</i>
<input type="checkbox"/>	Survey Date	<i>date</i>
<input type="checkbox"/>	Geometry Type	<i>geom_type</i>

[Go to My Project >> Details >> Mapping Data](#)

Mapping Data is like the **table template** of the downloaded data. It **stores column name/identifier**.

Because we'll create our own database, and we have the standard of the table (column name, type, etc), we need to create customized Mapping Data, so epicollect data will have similar column name with the database. And the data can be stored in the database.

This is further explained in the module.



# Downloading Data (2)

Go to My Project >> View >> View Data

Download

Mapping: EC5\_EDIT

Timeframe: LIFETIME

Format:  CSV  JSON

DOWNLOAD

Download

Table

Map

Exit

Hi, Icha

Logout

Add toponim Total: 4, 1/1

FROM: 16 JUN, 23 TO: 17 JUN, 23 NEWEST X

Created At	Surveyor Name	Survey Date	Geometry Type	Feature Class	Do you want to proceed?	Feat
17th Jun, 2023	Gammeltoft	17/06/2023	Point	BUILDING		
17th Jun, 2023	Jasper	17/06/2023	Point	BUILDING		
17th Jun, 2023	Jasper	17/06/2023	Point	HYDROGRAPHY		
16th Jun, 2023	septian	16/06/2023	Point	BUILDING		





# Converting CSV to GeoJSON using QGIS

Save Vector Layer as...

Format: **GeoJSON**

File name: C:\BIG\UNGEGN\Practice\ex\_epi2.geojson

Layer name:

CRS: EPSG:4326 - WGS 84

Encoding: UTF-8

Save only selected features

▼ Select fields to export and their export options

Name	Export name	Type	Replace with
<input checked="" type="checkbox"/> ec5_uuid	ec5_uuid	text	
<input checked="" type="checkbox"/> created_at	created_at	datetime	<input type="checkbox"/> Use Date/
<input checked="" type="checkbox"/> uploaded_at	uploaded_at	datetime	<input type="checkbox"/> Use Date/
<input checked="" type="checkbox"/> title	title	text	

Select All      Deselect All

Use aliases for exported name

Replace all selected raw field values by displayed values

Persist layer metadata

▼ Geometry

Geometry type: Automatic

Force multi-type

Add saved file to map    OK    Cancel    Help

- **PostgreSQL** needs spatial data format, and GeoJSON is the most convenient format to process.
- But epicollect only provide **CSV or JSON** file. The JSON one has some issues as the location field cannot be detected, so we choose **CSV**.
- The CSV file then converted to GeoJSON using **QGIS**.

**Download as CSV >> load to QGIS >> Export as GeoJSON**







**Terima Kasih**  
**Thank You**